

Minutes of Second meeting of District Environment Committee held on 15.01.2020 at 4:00 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 | Progress as on 31.12.19 | Target/ Timelines | Decisions taken during meeting. |
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| 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 & Budha Nallah =4 Tendering done Financial Bid approved on 16-10-2019 and Order has been placed on 11.12.2019. | 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 | The Monitoring of Satluj & Budha Nallah was carried in the month of December 2019. There is no Improvement in water quality as comparison to previous monitoring. | Monthly Monitoring | The chairperson taken a serious view of high value of the total coliform at the point of confluence of Budha Nallah with river Sutlej. Municipal Corporation, Ludhiana to increase the dozing of chlorine at the STPs outlet so as to control the high value of the total coliform. |

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| 3. | Monitoring of discharge from Industries including ETPs and CETPs | PPCB (ROs) | Total 62 units were visited in Dec,2019. Complying units =27, Not Complying=8, result awaited=26. Temporary closed =1. Action against NC units is under process. Only 01 CETP i.e. JBR Technology falls in the catchment area of River Satluj and is complying. | Regular Inspection | PPCB to take appropriate action on regular basis against defaulting units. |
| 4. | Monitoring of discharge from STPs and other disposal facilities | <ul style="list-style-type: none"> i. Monitoring Quantity of discharge from STP's& disposal facilities within MC limit = MCL ii. Monitoring Quantity of discharge from the other STPs/disposal facilities outside city= Department of water resources. iii. Monitoring of STP's & other disposals = PPCB | Total 9 STPs falls in the catchment area of River Satluj. All the 9 STPs were visited in Dec, 2019. Complying STPs =5, Not Complying=4, result Action against NC | Monthly Monitoring | It was decided to take the time bound action against the non-compliant STPs. PWSSB was not called in the meeting. It was desired by the Chairman that the agenda of the Meeting be sent to the concerned SE/ XEN of PWSSB for giving their report and ensure their presences in the next meeting. The MCL failed to give the desired |

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| | | | STPs is under process. | | information which was viewed serious by the Chair and it was decided that Competent Authority of the MCL may take necessary action against their responsible officials. |
| 5. | Design of new STPs | Department of Local Govt. | | | The MCL not submitted the report. XEN, O&M, MCL informed that he has been sent on the last movement to attend this meeting. The chairperson taken a very serious view of it, as it reflects the non-seriousness of MCL about the committee and it was decided that Competent Authority of the MCL may take necessary action against their responsible officials. |
| | (i) Design projects to cover entire population with sewerage network system and its connection with STP. | STP Jamalpur, STP Balloke and rehabilitation of existing STP's | | | |
| | (ii) Design Sewage Treatment Plants of adequate capacity | | | | |
| | (iii) Design as per the prescribed standards | | | | |
| 6. | Construction of new STPs | Department of Local Govt. | | | The XEN, O&M, MCL was miserably failed to give the reply in this regard. The chairperson taken a serious note of it. It was decided that MCL shall bring all details in the next meeting. |
| | (i) Monitor land acquisition closely as it is pre-requisite for setting up of STPs | STP Jamalpur, STP Balloke and rehabilitation of existing STP's | | | |
| | (ii) Construction of STPs as per timelines mentioned in the action plan | | | | |
| | (iii) Ensuring regular flow of funds during construction | | | | |

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| 7. | Operation and Maintenance of STPs | Department of Local Govt. | | | The XEN, O&M, MCL was failed to give the reply in this regard. The chairperson taken the very serious note of it. |
| | (i)Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner | | | | |
| | (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 | | | | |
| | (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 XEN, O&M, MCL verbally informed that online monitoring systems will be installed on all STPs by 31.01.2020. The Chairperson Directed to submit written reply in this regard on behalf of MCL. |
| 8. | Reuse of treated effluent through STPs | Department of Agriculture | | | The representative of department of soil conservation informed that the plan for Khanna STPs are prepared & funds have been demanded for STP Balloke , and Jagroan. They also informed that the presence of heavy metals have been detected at the outlets of STP Jamalpur and Bhattian, but could not explain whether these are within permissible limit or not. PPCB to look into the mater. |

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| 9. | (i)Development of various urban estates | i. Department of Housing & Urban Development | | | The Department of housing and Urban development was asked to give the detail of approved/unapproved colonies along the Budha Nallah. The representative of PUDA informed that presently list is not readily available. It was decided that the Department of housing and Urban development will do the survey within 10 K.M along the Budha Nallah to give the detail of licensed/unlicensed colonies and to check in how many colonies STP has been installed and in how many colonies STP is not installed. |
| | (ii) Construction, operation & maintenance of sewage networks and sewage treatment plants in areas developed/ to be developed by Department of Housing & Urban Development. | ii. PSIEC for industrial Focal Points. | | | |
| 10. | (i)Management of industrial Focal Points. | i. Department of Industries & Commerce (setup or transfer to it). | | | The representative of the Department of Industries & Commerce informed that this point not relates to them. The chairperson informed that in Ludhiana Phase-1, 2 & 3 were developed by the GLADA and Phase-4, 5 & Industrial Area-A, Ludhiana were developed by PSIEC. Both the Departments were directed to give their reports regarding Total sewage network installed and yet to be installed in this areas.The |
| | (ii)Construction, operation & maintenance of sewage networks and sewage treatment plants. | ii. PSIEC | | | |

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| | | | | | Department of Industries and commerce was directed to give their written report to committee. |
| 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. | Department of Rural Development & Panchayat | | | The department of Rural Development & Panchayat informed that in 18-20 villages funds have been received for installation of ponds on Seechiwal Model. The DDPO was directed to give the complete report regarding total villages in the catchment area and no. of Villages installed treatment facility and no. of balance villages required treatment facility alongwith these items. |
| | (i) Finalization of appropriate technology | | | | |
| | (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 | | | XEN Department of Water Supply and Sanitation informed that they have not received any work/direction from Head Office. It was decided that the Department of Water Supply and Sanitation will do the study/survey of the Villages along drain so as to ensure that there should be no discharge in Budha Nallah. |

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| 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 was directed to co-ordinate with the DDPO ,Ludhiana so as to check whether any Funds are received for this purpose in any scheme and procedure of utilizing the same. |
| | (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 | | | The Representative of Health Deptt. Informed that surveillance of the area adjoining to Buddha Nallah was carried out and total 18580 houses were visited for health Checkup. It was decided that the Health Deptt. to hold a regular health check camps and to collect the drinking water samples in the catchment area of Buddha Nallah/River Sutlej. It was also directed to prepare the data base of the Health Camps being organized. |
| | (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. | The Department of Water Resources | | | The Representative of drainage Deptt. informed that they have discharge division at Mohali and assured to submit the |
| | (ii) To stop unauthorized discharge in the drains. | | | | |

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| | | | | | <p>report on monthly basis to PPCB.</p> <p>It was decided that the drainage deptt. to issue the notices to the dairies so as to stop the unauthorized discharge into Buddha Nallah and to take the Help of Police Deptt. whenever required.</p> |
| 16. | Closure of various outlets discharging into Buddha Nallah | Department of Local Government. | | | The Municipal Corporation Ludhiana was directed to give the time lines for the closure of Various outlets into Buddha Nallah |
| 17. | (i)Provision of ETPs for 2 dairy complexes located at Tajpur Road and Haibowal, Ludhiana. | i. Department of Local Government. | | | The MCL and PEDDA were directed to give the time lines for Installation of ETPs and Biogas Plant. |
| | (ii)Provision of Bio-gas plants for the dairy complexes. | ii. Punjab Energy Development Agency | | | |
| 18. | Shifting of scattered dairies from the City | Department of Local Government. | | | The representative of the MCL informed that they have issued the Challans to the dairy 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. The Chairperson further pointed out that MCL is not serious on shifting of dairies, therefore matter be taken up |

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| | | | | | with the higher authorities i.e. Principal Secretary local Govt. |
| 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 officers of the Department of water Resources informed that Budha Nallah is a rainy water drain, its levels are lower, hence this scheme is not technically feasible. It was decided that the Department of Water Sources should give in writing these facts duly signed by their Competent Authority. |
| 20. | Shifting of small scale scattered dyeing units in Ludhiana | Department of Industries | | | It was decided that this issue will be taken up jointly by PSIEC & PPCB for shifting the units in CETP compatible area. |
| 21. | Construction of Slaughter house and Caracass plant a. Modernization of existing slaughter house located at Ludhiana | Municipal Corporation, Ludhiana | | 25.01.2020 | The XEN, Health Branch, MCL informed that work of Establishment is almost completed and shortly inauguration of the same will be done with District administration. |
| | b. Installation of Caracass utilization plant | | | 30.10.2020 | The XEN, Health Branch, MCL informed that the boundary wall work has been done and remaining construction work is under process. It was decided to complete the same within prescribed timeline. |

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| 22. | Closure of HaddaRodis located at Ladhowal, Ludhiana. | District Administration | | | It was decided that this issue will be look after by PPCB along-with concerned department & to give the progress in next meeting. |
| 23. | Setting up of online continuous monitoring system and CCTV for monitoring STPs | Department of Local Government. | | | The committee find out that this item is repeat as already discussed above. It was decided that to remove the same in the next agenda of the meeting. |
| 24. | Stopping solid waste/ garbage being thrown into Buddha Nallah | Municipal Corporation, Ludhiana | | | It was decided that Municipal Corporation, Ludhiana will give the time line & progress in this regard. |
| 25. | Installation of Online Continuous Monitoring System by 1. CETP for electroplating units | Punjab Pollution Control Board. | Installed | - | It was decided that PPCB will ensure the installation of the same within target time lines. |
| | 2. CETP 50 MLD for dyeing cluster at TajpurRahon Road, Ludhiana | | - | 3 months after commissioning & stabilization of CETP. | |
| | 3. CETP 40 MLD for dyeing cluster at Focal Point, Ludhiana | | | 3 months after commissioning & stabilization of CETP. | |

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| | 4. CETP 15 MLD for dyeing cluster at BahadurkeRoad, Ludhiana | | | 3 months after commissioning & stabilization of CETP. | |
| | 5. 17 categories of industries. | | Total 17 categories units =4, OCEMS Installed =4. | Installed | The committee reviewed the progress. |
| | 6. Industries with discharge more than 50 KLD and not connected with any CETP. | | Total units required OCEMS =64 OCEMS Installed =42 OCEMS Not Installed =22, Action= EC imposed, EC recovered=Rs. 2.80 Lakh | 31.08.2019 | It was decided that PPCB will ensure the installation of the same within target time lines. |
| 26. | Release of fresh water @200 cusec in Buddha Nallah from Sirhind Canal. | Department of Water Resources. | The Department of drainage informed that bank account in this regard has been opened and further action is under process. | - | It was decided that Department of Water Resources will give the timelines & target in this regard. |

Item No. 2:- Industrial Effluent

| Sr. No. | Agenda Point | Concerned Department | Progress as on 31.12.19 | Target/Timelines | Decisions taken during meeting. |
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| 2. | Industrial Effluent 1 Installation of Common Effluent Treatment Plants A. CETP for Small & Medium scale electroplating and allied industries | Punjab Pollution Control Board | - | Installed | - |
| | B. CETP 50 MLD for dyeing cluster at Tajpur, Rahon Road, Ludhiana. | | The physical progress as on 06.01.2020, regarding Civil work is 80%, Mechanical, Electrical Work & Instrumentation Work is 40% and overall is 50%. | 31.01.2020 | 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. | | Civil work 93% and overall progress 73% | 31.08.2019 | 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 |

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| | D. CETP 15 MLD for dyeing cluster at Bahadurke Road, Ludhiana. | | The physical progress as on 06.01.2020, regarding Civil, Mechanical and Electrical Work is about 97.5%, Instrumentation Work is 78% and overall is 97%. The CETP has started taking effluent at its inlet from 3 member units and 5 no. member units are ready to attach with the CETP. | 30.06.2019 | The committee reviewed the progress and directed to speed up the work for earlier installation of the same. |
| | E. Scattered small/ medium scale dyeing units in non-designated areas to be shifted to the designated industrial areas connected with the upcoming CETPs. | Department of Industries and commerce | | | This item is repeat as already discussed It was decided to remove the same in next meeting. |
| | F. Re-processing plants for small scale wire drawing/pickling industries using Sulphuric Acid | | Installed | - | - |

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| <p>2.2 Up-gradation of ETPs of large scale dyeing units to achieve the revised standards at par with the proposed CETPs.</p> | | - | 31.12.2019 | <p>The XEN PPCB informed that matter is under process in this regard with the Competent authority of the Board for taking further action in this regard. It was decided that PPCB will take the time bound action regarding the same.</p> |
| <p>2.3 Zero Liquid Discharge technology to be adopted by large scale electroplating industries.</p> | | <p>Total =8 05 large scale electroplating units, have adopted ZLD technology, 03 Joint CETP</p> | | <p>The Committee reviewed the progress.</p> |
| <p>2.4 Monitoring of Industries having captive ETP's</p> | | <p>Total 62 units were visited in Dec,2019. Complying units =27, Not Complying=8, result awaited=26. Temporary closed =1. Action against NC units is under process.</p> | <p>Regular monitoring</p> | <p>This item is repeat as already discussed It was decided to remove the same in next meeting.</p> |

Item No. 3:- Air Pollution & Noise Pollution

(i) Control on Industrial Emissions (CIE)

| SN. | Activity | Unit of Measurement/ Performance Indicator | Responsible Agency | Progress as on 31.12.19 | Target/ Timeline | Decisions taken during meeting. |
|-----|--|--|-----------------------|---|---------------------|---|
| 1 | CIE-1: Conversion to Side Hood Suction in Induction Furnaces | % of Induction furnaces converted to Side Hood Suction | PPCB | Total units required side hood =44, Total units installed side hood =26, Total units not installed side hood =18, Action =04 units closed. Action against remaining units is under process. Data is of Ludhiana &Khanna. | 31.12.2019 | The committee reviewed the progress and it was decided to speed up the work and to take the action against non-complaint units. |
| 2 | CIE -2: Industries to be converted from coal to CNG | % of Industries converted to CNG | PPCB | Total 508 units required to be converted. Presently no unit converted to CNG due to non-availability of CNG station. | 31.03.2021 | The representative of PPCB informed that presently there is no progress in this regard due to non-availability of CNG station. |

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| 3 | CIE-3: Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns | % of brick kilns converted to induced draft | PPCB | Total BKO within MC limit =21, Converted to ZIG Zag Technology=10, Action against not converted = consents revoked and EC imposed. Khanna=5 out of 6 Brick Kilns have converted their Natural Draft Brick Kilns to Induced Draft Brick Kilns and remaining one no. brick kiln is under conversion | 30.09.2019 | The Committee reviewed the progress and it was decided to speed up the work and to take the action against non-complaint units. |
| 4 | CIE-4A: Control of Industrial Emissions | % of units found non-complying | PPCB | Unit visited in Dec,2019 = 58 Unit found complying = 54 Unit found Not complying = 04 & action is under process. Data is Ludhiana &Khanna | Regular Activity | The committee reviewed the progress and it was decided to take the action against non-complaint units. |

(ii) Control on Road Dust (CRD)

| SN. | Activity | Unit of Measurement/ Performance Indicator | Responsible Agency | Baseline 31.12.2019 | Target/ Timeline | Decision taken during meeting |
|-----|--|---|-----------------------|--|---------------------|--|
| 1 | CRD-1: Maintain pothole free roads / timely patchwork on roads | % road length made pothole free out of 167 Km | MCL, PWD, PUDA, PSIEC | The MCL/PSIEC informed that it is regular process and being done on regular basis | Regular activity. | 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 | The MCL informed that it is regular process and being done on regular basis | Regular Activity | 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 informed that earlier these were to be purchased from smart city work but yet approval is not given. | - | 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 | No reply was given by MCL. | - | The Chairperson taken the serious view on it and directed to bring the complete report in this regard in the next meeting. |
| 5 | CRD-4A: Creation of green buffers along road side | No. of trees/shrubs planted out of 12000 Nos. | MCL, PSIEC | The concerned authority informed that it is regular work which will be | Regular Activity | it was decided that the concerned Departments will do the same on regular |

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| | | | | followed regularly. | | 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 | The concerned authority informed that it is regular work which will be followed regularly. | Regular Activity | it was decided that the MCL will do the same on regular basis. |
| 7 | CRD-6: Installation of new Water fountains at major traffic intersections | New water fountain out of 0 nos. | MCL | The reply in this regard was not given. | - | It was directed that MCL will bring the complete report in this regard in the next meeting. |
| 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 reply in this regard was not given. | | It was decided that MCL/ PUDA will bring the complete report in this regard in the next meeting. |
| 9 | CRD-7B: Existing roads requiring recarpeting | Existing roads recarpeted out of 105.41 Km | MCL, PWD, PUDA, PSIEC | The reply in this regard was not given. | | It was decided that concerned Departments will bring the complete report in this regard in the next meeting. |
| 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 reply in this regard was not given. | | It was decided that concerned Departments will bring the complete report in this regard in the next meeting. |

(iii) Control on Vehicular Emissions (CVE)

| SN. | Activity | Unit of Measurement/ Performance Indicator | Responsible Agency | Baseline (31.12.2019) | Targets/ Timeline | Decision taken during meeting. |
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| 1 | CVE-1: Public awareness campaign for control of vehicular emissions | % of Public awareness campaigns out of 600 nos. | Traffic Police, Transport | The concerned department informed that regular awareness campaign is being carried out. | Regular activity. | It was decided that the traffic police Ludhiana will continue the same on regular basis. |
| 2 | CVE-3: Extensive drive against polluting vehicles | Nos. of vehicle found polluting out | Traffic Police | The concerned department informed that Extensive drive against polluting vehicles is being carried out regularly | Regular activity. | It was decided that the traffic police Ludhiana will continue the same on regular basis. |
| 3 | CVE-4B(ii): Prevent parking of vehicles in non-designated areas by enforcement actions | No. of challans issued | Traffic Police | The concerned department informed that the work in this regard is regularly being carried out. | Regular activity. | It was decided that the traffic police Ludhiana will continue the same on regular basis. |
| 4 | CVE-9: Phasing out commercial diesel vehicles more than 15 years old | Policy matter | Transport | The representative of the concerned | Yet to be given | The chairperson informed that the procedure in this regard has already come and directed the transport |

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| | | | | department informed that the work in this regard is under process. | | department to follow the same. |
| 5 | CVE-10: Promotion of E-Vehicles | Policy matter | Transport | The representative of the concerned department informed that the work in this regard is under process. | Regular activity. | The chairperson directed to speed up the work in this regard. |
| 6 | CVE-11A: Infrastructure development for additional of CNG based autos/taxis | No. of additional CNG stations | Transport/DF SC | The representative of the concerned department informed that the work in this regard is under process. | Regular activity. | It was decided that the concerned department will complete the work in this regard at the earliest. |

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

| Sr No. | Activity | Unit of Measurement/ Performance Indicator | Responsible Agency | Baseline (31.12.2019) | Targets/ Timeline | Progress upto 30 th Nov., 19 |
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| 1 | CBGB-1: Control of open burning of bio-mass in City | % composting Pits constructed out 266 Nos. | MCL | The Representative of local body informed that total 177 pits are constructed and remaining is under construction. | Yet to be given. | It was decided that the MCL will complete the balance work in this regard at the earliest. |

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

| Sr No. | Activity | Unit of Measurement/ Performance Indicator | Responsible Agency | Baseline (31.12.2019) | Targets/ Timeline | Decision taken during meeting. |
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| 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 | The reply in this regard was not given. | | It was decided that MCL will bring the complete report in this regard in the next meeting. |
| 2 | CCDA-1B: Enforcement of C& D waste Rules – non complying sites | % of non-complying sites from the inspected sites | MCL | The reply in this regard was not given. | | It was decided that MCL will bring the complete report in this regard in the next meeting. |
| 3 | CCDA-1C: Enforcement of Rules – Action against non-complying sites | % of non-complying sites against which action initiated | MCL | The reply in this regard was not given. | | It was decided that MCL will bring the complete report in this regard in the next meeting. |
| 4 | CCDA D- Notification of Processing site for C&D waste | % sites notified out of 6 identified sites | MCL | The reply in this regard | | It was decided that MCL will bring the complete |

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| | disposal | | | was not given. | | report in this regard in the next meeting. |
| 5 | CCDA 3 – Control measures for carrying the construction material enclosed / covered vessels | % of inspected vehicles found violating the rules out of 18 inspection | MCL | The reply in this regard was not given. | | It was decided that MCL will bring the complete report in this regard in the next meeting. |

(vi) Control on Other Sources (COS)

| SN. | Activity | Unit of Measurement / Performance Indicator | Responsible Agency | Baseline (31.12.19) | Targets/ Timeline | Decision taken during meeting |
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| 1 | COS-1A: Dissemination of Air Quality Index by installing additional CAAQMS | No. of additional CAAQMS installed out of 4 no. | PPCB | The XEN PPCB informed that total CAAQMS to be installed =04, Bidding documents and specification are under process. | 30.06.2020 | 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,. | The XEN PPCB informed that total display boards to be installed =04, Bidding documents and specification is under process. | 30.06.2020 | 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, | The XEN PPCB informed that AQMD has been established at Head Office level Helpline number is 1800 120 3667. | Completed | - |

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| 4 | COS-3: Establish helpline in each city as well as SPCB HQ | Helpline set up or not | PPCB, Lab. | The XEN PPCB informed that AQMD established at Head Office level Helpline number is 1800 120 3667. | Completed | - |
| 5 | COS-4A (i): Monitoring of DG sets of Industries | % of DG sets found non-complying | PPCB | The XEN PPCB informed that Total 66 DG sets were inspected in Dec, 2019 and were found complying. | Regular Monitoring | The Committee reviewed the progress and directed to continue the same on regular basis. |
| 6 | COS-4A (ii): Monitoring of DG sets for domestic/commercial purpose | % of DG sets found non-complying | MCL | The MCL informed that regular monitoring in this regard is being done when required. | Regular Monitoring | The committee reviewed the progress and directed to continue the same on regular basis. |
| 7 | COS-4B: Monitoring of DG sets – Action against non-complying DG sets | % cases action taken against the non-compliant DG sets | PPCB | The XEN PPCB informed that Total 66 DG sets were inspected in Dec, 2019 and were found complying. | Regular Monitoring | The committee reviewed the progress and directed for regular monitoring. |
| 8 | COS-5: Source Apportionment Study | Yet to start / Already done | PPCB | The XEN PPCB informed that already done by PSCST, Chandigarh, Final report is to be submitted. | 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

| Sr. No. | Activity | Responsible Agency | Baseline (31.12.19) | Targets/ Timeline | Decision taken during meeting, |
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| 1. | 1.1 IEC Activities | Department of Agriculture | Due to seasonal activities this item was not discussed. | Seasonal Activity | Due to seasonal activities this item was not discussed. |
| | 1.2 Provision of Machinery to individual farmers and groups | | | | |
| | 1.3 Fixing of Responsibility of Commission Agents | | | | |
| | 1.4 Entry in KhasraGirdawari | Department of Revenue & Rehabilitation | | | |
| | 1.5 Fixing of Responsibility of Namberdaars | | | | |
| | 1.6 Fixing of Responsibility of members of Panchayat | Department of Rural Development and Panchayats | | | |
| | 1.7 Fixing of Responsibility of members of Co-operative Societies | Department of Cooperation | | | |
| | 1.8 Fixing of Responsibility of JEs of PSPCL | Department of Punjab State Electricity Board | | | |
| | 1.9 Monitoring of incidents of burning of paddy straw through Punjab Remote Sensing Centre and sending of SMS alert. | Punjab Pollution Control Board | Total burning sites of paddy 2019 = 2445 Total sites visited = 2445, Total burning sites = 1079 EC imposed = 37,62,500/- ,FIRs=204 Prosecution cases u/s 39 of Air Act, 1981 =32. | Regular activity | |
| | 1.10 Reporting of incidents to the District Nodal Officer | District | | | |

| | | | | | |
|--|--|-----------------------------------|--|------------------|--|
| | appointed by the Deputy Commissioner of the district and to ensure that environment compensation is imposed as per directions of NGT by the designated officer of the District Administration. | Administration | | | |
| | 1.11 To avail all data with respect to burning of crop residue as obtained from Remote Sensing authorities and action taken on the incidents and various MIS reports through a web based application with facility to have dashboard to drill down data. | PPCB& PRSC | Already adopted by PRSC. | Regular activity | |
| | 1.12 To ensure that in cases of persistent defaulters of crop residue burning, appropriate coercive and punitive action is taken including launching of prosecution under Section 15 of the Act of 1986. | District Administration (Revenue) | FIRs=204 Prosecution cases u/s 39 of Air Act, 1981 =32. | | |
| | 1.13 To monitor the ambient air quality of the major cities and make the data available to district authorities and the State to ensure further action in case of deterioration of quality. | PPCB | Already done by PPCB. The monitoring results of Dec, 2019. | | |
| | 1.14 To ensure that employees of all the Government & private schools in Punjab do not burn crop residue. | Department of School Education | | | |
| | 1.15 To ensure that necessary assistance is rendered by the police authorities for enforcement and implementation of various directions | Department of Home Affairs | | | |
| | 1.16 To ensure suitable directions to all the State Government Departments, Boards, Corporations and Autonomous Bodies to direct their employees not to burn crop residue | Department of Personnel | | | |
| | 1.17 To ensure optimal utilization of machinery provided for in-situ management of the crop residue. | Department of Agriculture | | | |
| | 1.18 To take meeting with all the stakeholders to strictly enforce the orders banning paddy stubble burning. | District Administration | | | |

| | | | | |
|---|------------------------------|--|--|--|
| 1.19 To ensure Sub-Division Level Monitoring Committees meet daily/ alternate day and review the progress of various activities and take necessary action | District Administration | | | |
| 1.20 To ensure visit to hot spots (villages where more than 75% area of the village burnt since last three year as per the stubble burning data) by senior officers of the Districts and make special arrangements to contain the burning of crop residues in these villages. | Department of Agriculture | | | |
| 1.21 To appoint one Cluster Officer for every 20 villages to coordinate the efforts and one nodal officer for each village from the pool of employees available with various departments | Department of Administration | | | |
| 1.22 To appoint one Village Nodal Officer for each village from the pool of employees available with various departments | Department of Administration | | | |
| 1.23 To monitor the progress of various Stakeholder Department & send the consolidated progress report to the Department of Environment on email stubble burning progress report@pbdecc.gov.in so as to consolidated report be sent to the Chief Secretary and other State and Central functionaries. | District Administration | | | |
| 1.24 To ensure no burning of crop residue by special categories. | Department of Agriculture | | | |
| 1.25 To ensure that all patwaris make red entry in the Khasragirdawris in case of burning of paddy stubble. | Department of Revenue | | | |
| 1.26 To constitute teams to monitor and physically inspect all incidents of burning of crop sites and environment compensation is imposed accordingly | District Administration | | | |

(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 | | | Baseline 31.12.2019 | Timel ine | Decision taken during meeting. |
|-----|---|--|------------------------|-----------------------------|--------|--|-------------------|--|
| | | | Within M.C limit | Outsi de 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 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 | The Concerned departments informed that being a regular activity same is being followed. | Regular activity. | It was decided that the concerned departments will do the same on regular basis. |
| 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 | M.C | DDPO | Police | The Concerned departments informed that being a regular | Regular activity. | It was decided that the concerned departments |

| | | | | | | | | |
|---|-----------------------------------|---|------|------|--------|---|--------------------|--|
| | | <p>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.</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> | | | | activity same is being followed. | | will to do the same on regular basis. |
| 3 | Fireworks | <p>Fireworks, generating sound level exceeding 125 dB (A) 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.</p> <p>All firecracker manufacturers/dealers should be directed to print the noise level in decibel on the cartoon/packet of the firecracker.</p> | M.C | DDPO | Police | The Concerned department s informed that it is being done during festival season. | Seasonal activity. | It was decided that the concerned departments will to do the same on regular basis as and when required. |
| 4 | Industrial Noise Pollution | <p>dB (A), should be within prescribed limits as per Noise Pollution (Regulation & Control) Rules, 2000.</p> | PPCB | | | The Exen PPCB informed that Regular inspections are | Regular Activity | It was decided that the PPCB will to do the same on |

| | | | | being done as and when required. | | regular 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 | The Concerned department informed that Regular inspections are being done to check the same and challans are issued to the violators | Regular Activity | It was decided that the concerned departments will to do the same on regular 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 reproduced as under:- <table border="1" data-bbox="731 824 1411 1214"> <thead> <tr> <th rowspan="2">Category of Zone</th> <th colspan="2">Limits in dB(A) Leq</th> </tr> <tr> <th>Day Time</th> <th>Night time</th> </tr> </thead> <tbody> <tr> <td>Industrial Area</td> <td>75</td> <td>70</td> </tr> <tr> <td>Commercial Area</td> <td>65</td> <td>55</td> </tr> <tr> <td>Residential Area</td> <td>55</td> <td>45</td> </tr> <tr> <td>Silence Zone</td> <td>50</td> <td>40</td> </tr> </tbody> </table> As per Noise Pollution (Regulation & Control) Rules, 2000, the noise standards for mixed land use shall be fixed by M.C & DTP. | 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 | M.C & DTP | The concerned departments were informed about it. | - | It was decided that the concerned department to give their reply to the PPCB for fixing of standards for mixed land use area. |
| 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 | | | | | | | | | | | | | | | | | | | | | |

Item No. 4:-Solid Waste Management

| Sr. No. | Activity | Responsible Agency | Baseline (31.12.19) | Targets/ Timeline | Decision taken during meeting |
|----------------|---|---------------------------|--|--------------------------|--|
| 4.1 | Enforcement of SWM Rules 2016 through ULBs and review of implementation of Rules; | MCL | - | Regular Activity | It was decided that the MCL will regularly monitor the SWM rules. |
| 4.2 | Monitor environmental standards and conditions for waste processing and disposal sites; | PPCB | The XEN PPCB informed that Only one waste processing facility falls in Ludhiana. A bank guarantee of Rs. 10 Lakh has been taken from M/s A2Z Waste Management Ludhiana Ltd, Village Kakka, Mcl Dump Point, Ludhiana. (Processing site of MC, Ludhiana) as an assurance to comply with the pollution control Laws and Solid Waste Management Rules, 2016. | Regular Activity | It was decided that the PPCB will regularly monitor the processing site. |
| 4.3 | Authorization for Waste processing and disposal sites and Monitoring thereof; | MCL | | | It was decided that the Department of local Government will obtain the authorization for its processing sites. |
| 4.4 | Standards for new technologies through CPCB; | PPCB | The XEN PPCB informed that Standards for new technologies through CPCB Adopted by Board from time to time. | As per requirement | - |
| 4.5 | Directions to ULBs for safe handling and disposal of domestic hazardous waste; | PPCB | The necessary directions have been | Regular activities | It was decided that the MCL & ULBs will follow these |

| | | | | | |
|-------------|--|---------------------------|---|--------------------|--|
| | | | passed by the Board to the ULB to manage/handle solid waste as per the provisions of Solid Waste Management Rules, 2016 | | directions. |
| 4.6 | Monthly surprise inspection to check segregation and disposal of solid waste by Hotels / Restaurants /Marriage Palaces for enforcement of Rules. | MCL | The representative of the MCL informed that regular inspection in this regard is being carried out by them. | Regular activities | It was decided that the MCL will inspect the same on regular basis. |
| 4.7 | Elimination of Garbage Vulnerable Points (GVPs). | MCL | The representative of the MCL informed that regular inspection are done to insure the same. | Regular activities | It was decided that MCL will ensure the same on regular basis. |
| 4.8 | To take action against the residential houses project for not making necessary arrangement w.r.t compliance of SWM, Rules, 2019. | MCL | The MCL informed that the work in this regard is under process. | Regular activities | It was decided that the MCL will monitor the same to check the compliance. |
| 4.9 | Monitoring of Sanitary landfill sites by the Board. | PPCB | The XEN PPCB informed that Quarterly inspections of composting pits are being made. | Quarterly Activity | It was decided that the PPCB will monitor the same on regular basis to check the compliance. |
| 4.10 | Monitoring of processing sites by the Board. | PPCB | The XEN PPCB informed that Quarterly inspections of processing sites are being made. | Quarterly Activity | It was decided that the PPCB will monitor the same on regular basis to check the compliance. |
| 4.11 | Preparation of a state policy and solid waste management strategy; | Department of Local Govt. | - | Regular activity | It was decided that the Department of Local Govt. will |

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| | | | | | prepare the state policy and solid waste management strategy and submit the same to the committee. |
| 4.12 | Inclusion of informal sector of waste pickers, waste collectors and recycling industry; | Department of Local Govt. | - | Regular activity | It was decided that the Department of Local Govt. will work on it. |
| 4.13 | Ensure implementation of SWM Rules 2016 by all ULBs; | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.14 | Ensure suitable land to the local bodies for setting up of processing and disposal facilities; | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.15 | Ensure separate space for segregation, storage, decentralized processing of solid waste in the development plan for group housing or commercial, institutional or any other non-residential complex exceeding 200 dwelling or having a plot area exceeding 5,000 square meters; | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.16 | Direct the developers of Special Economic Zone, Industrial Estate, Industrial Park to earmark at least five percent of the total area of the plot or minimum five plots or sheds for recovery and recycling facility; Action Plan for Waste Management | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |

| | | | | | |
|-------------|---|---------------------------|---|------------------|---|
| 4.17 | Facilitate establishment of common regional sanitary land fill for a group of cities and towns falling within a distance of 50 km (or more) from regional facility; | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.18 | Arrange for capacity building of local bodies; | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.19 | Notify buffer zone for the solid waste processing and disposal facilities | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.20 | MCs have to set up compost pits/processing facility for managing bio-degradable waste | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.21 | Enforcing waste generators to practice segregation at source D2D collection transportation. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.22 | On site waste management of green/horticulture waste. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.23 | GPS tracking of mechanized collection and transportation vehicles. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |

| | | | | | |
|-------------|--|---|---|------------------|---|
| 4.24 | Bio-remediation or capping of old and abandoned dump sites (Treatment of Legacy Waste). | Department of Local Govt. | | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.25 | Prevention of mixing of solid waste into water bodies/drains/ rivers etc. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.26 | Public sweeping including night sweeping. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.27 | Citizen Grievance Redressal through Swachh App. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.28 | Awareness mechanisms for behaviour change. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.29 | Submission of consolidated annual report to PPCB. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.30 | Monitoring compliance regarding Model cities/Towns/Villages | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.31 | Department of Rural Development shall have the same duties as Department of Local Government for the areas which are covered under SWM Rules, 2016 and are | Department of Rural Development and Panchayat | | Regular activity | The Chairperson decided that the Department of Rural Development and Panchayat to comply with the SWM Rules |

| | | | | | |
|------|--|---------------------------|---|------------------|---|
| | under their jurisdictions. | | | | 2016 |
| 4.32 | Facilitate allocation of suitable land for solid waste processing and disposal facilities | District Administration | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.33 | Review the performance ULBs on waste segregation, processing, treatment and disposal | District Administration | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.34 | As per rules, departments or undertaking, local bodies, public sector undertaking or private companies, hospitals, nursing schools, colleges, universities, educational institutions, hostels, hotels, commercial establishments, markets, places of worship, stadia and sports complexes having average waste generation rate exceeding 100 kg per day are termed as bulk waste generators to be monitored by Local Body. | Department of Local Govt. | - | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |
| 4.35 | Ensure segregation of waste at source, handover recyclable material to either the authorized waste picker or authorized recycler. The bio-degradable waste shall be processed, treated and disposed off in an environmentally sound manner. | Department of Local Govt. | | Regular activity | The Chairperson decided that the Department of Local Govt. will comply with the SWM Rules 2016. |

Item No. 5:-Hazardous Waste Management

| Sr. No. | Activity | Responsible Agency | Baseline (31.12.19) | Targets/ Timeline | Decisions taken during meeting. |
|---------|--|--------------------------|--|-------------------|--|
| 5.1 | Inventorization of Hazardous Wastes generating industrial units | PPCB | Total units = 1295 | Regular Activity | - |
| 5.2 | Grant and Renewal of authorization to Hazardous waste generating industrial units | PPCB | Total units = 879 | Regular Activity | - |
| 5.3 | Monitoring of compliance of Rules | PPCB | Visited =46, Complying=45, Not Complying=1 | Regular Activity | The Chairperson directed the PPCB to check the compliance of HWM rules on regular basis. |
| 5.4 | Allocation of industrial space or shed for recycling, pre-processing and other modes of utilization of Hazardous wastes in the existing and up-coming industrial parks, estates and industrial clusters. | Department of Industries | | | Department of industry to submit its report in this regard. |
| 5.5 | Ensure recognition and registration of workers involved in recycling, pre-processing and other utilization activities for Hazardous Waste. | Department of Labour | | | Department to labour to submit its report in this regard. |
| 5.6 | Assist in formation of groups of such workers to facilitate setting up of such facility Action Plan for Hazardous Waste Management | Department of Labour | | | Department to labour to submit its report in this regard. |
| 5.7 | 5.9 Undertake industrial skill development activities for the workers | Department of Labour | | | Department to labour to submit its report in this regard. |
| 5.8 | Undertake annual monitoring and to ensure safety and health of workers | Department of Labour | | | Department to labour to submit its report in this regard. |

Item No.6- Plastic Waste

| No. | Action Areas | Measurable Outcome | Responsible agency | Base line 31.12.2019 | Target/Timeline | Decision taken during visit. |
|------------|--|--|-------------------------|---|-----------------|---|
| | Name of ULB | [name of ULB] | MC/EO of Respective ULB | The rep. of DDLG give the progress of the each ULBs | | It was decided that MCL/EO of respective ULB will ensure the compliance of plastic rules. |
| | Population | [Nos as per 2011 census] | MC/EO of Respective ULB | | | - |
| PW1 | Inventory of plastic waste generation | | | | | |
| 1 | Estimated Quantity of plastic waste generated in ULB | [MT/day] / [Not Estimated] | MC/EO of Respective ULB | - | - | |
| PW2 | Implementation of Collection | | | | | |
| 1 | Door to Door collection | [100%] / [partial %] / [not initiated] | MC/EO of Respective ULB | | 100% | It was decided that MCL/EO of respective ULB will ensure the compliance of plastic rules. |
| 2 | Segregated Waste collection | [100%] / [partial %] | MC/EO of Respective ULB | | 100% | |
| 3 | Plastic waste collection at Material Recovery Facility | [MRF used] / [not installed] | MC/EO of Respective ULB | | | |
| 4 | Authorization of PW pickers | [Nos] / [not initiated] | MC/EO of Respective ULB | | | |

| | | | | | | |
|------------|--|--|-------------------------|----|------------------|---|
| 5 | PW collection Centers | [Nos] / [not established] | MC/EO of Respective ULB | | | |
| PW3 | Establishment of linkage with Stakeholders | | | | | |
| 1 | Established linkage with PROs of Producers | [Nos] / [not established] | MC/EO of Respective ULB | | | |
| 2 | Established linkage with NGOs | [Nos] / [not established] | MC/EO of Respective ULB | | | |
| PW4 | Availability of facilities for Recycling or utilization of PW | | | | | |
| 1 | No. of PW recyclers | [Nos] | PPCB | 43 | Regular activity | It was decided that PPCB will ensure the compliance of plastic rules. |
| 2 | No Manufacturers | [Nos] | PPCB | 29 | Regular activity | |
| 3 | No of pyrolysis oil plants | [Nos] | PPCB | 6 | Regular activity | |
| 4 | Plastic pyrolysis | [Quantity in MT sent per Month] | PPCB | 0 | Regular activity | |
| 5 | Use in road making | [Quantity MT used per Month] | PWD | | | |
| 6 | Co-processing in Cement Kiln | [Quantity in MT sent per Month] | PPCB | 0 | Regular activity | |
| PW5 | Implementation of PW Management Rules, 2016 | | | | | |
| 1 | Sealing of units producing < 50-micron plastic | [All sealed] / [Partial] / [no action] | PPCB | 0 | Regular activity | |

| | | | | | | |
|------------|---|--|-------------------------------|--|------------------|---|
| 2 | Prohibiting sale of carry bags < 50 micron | [Prohibited] / [Partial] / [no action] | MC/EO of Respective ULB | | | |
| 3 | Ban on Carry bags and other single use plastics as notified by State Government | [Implemented] / [Partial] / [no action] / [No Ban] | MC/EO of Respective ULB | | | |
| 4 | Random inspection of Recycler, Producers, Importers, Brand Owners | | PPCB/MC/ EO of Respective ULB | Total 9 units inspected, 7 found not complying, and action is under process. | Regular activity | |
| 5 | Littering/open burning of Plastic Waste | | MC/ EO of Respective ULB | | | |
| 6 | Monitoring of Annual Returns to be filed by ULBs | | PPCB | All the ULB submitted annual return. | Yearly | |
| PW6 | Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners | | | | | |
| 1 | No of Producers associated with ULBs | [Nos] / [None] | MC/EO of Respective ULB | | | It was decided that MCL/EO of respective ULB will ensure the compliance of plastic rules. |
| 2 | Financial support by Producers / Brand owners to ULBs | [Nos] / [None] | MC/EO of Respective ULB | | | |
| 3 | Amount of PRO Support | [Rs...] | MC/EO of Respective ULB | | | |
| 4 | Infrastructure support by Producers / Brand owners to ULBs | [Nos of Producers] / [None] | MC/EO of Respective ULB | | | |

| | | | | | | |
|---|--|----------------|-------------------------|--|--|--|
| 5 | No of collection centers established by Producers / Brand owners to ULBs | [Nos] / [None] | MC/EO of Respective ULB | | | |
|---|--|----------------|-------------------------|--|--|--|

Item No. 7- E-Waste

| No. | Action Areas | Measurable Outcome | Responsible agency | Base line 31.12.2019 | 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 | Yes | Regular Activity | PPCB will ensure the same |
| 5 | No of authorized E-Waste recyclers / Dismantler | [Nos] / [None] | PPCB | 01 | Regular Activity | PPCB will report in this regard. |
| EW2 | Status of Collection of E-Waste | | | | | |
| 1 | Authorizing E-Waste collectors | [Authorized] / [None] | PPCB | 01 | 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 | No | 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 | Not Applicable |
| 3 | No of actions taken to close illegal trading or processing of E-Waste | [Nos] | Department of Local Govt./PPCB | | Regular Activity | Not Applicable |
| 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 | | | |
| 2 | Does District Administration conducted any District level Awareness Campaigns | [Yes] / [No] / [Nos] | District Administration | | | |

Item No. 8- Mining Activity

| No. | Action Areas | Measurable Outcome | Responsible agency | Base line 31.12.2019 | Target/Timeline | 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. |
| 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. | | | Department of Water resources will regularly monitor in this regard. |
| 2 | No of Mining areas meeting with Consent Conditions of SPCBs / PCCs | [Nos] | Department of Water Resources/PPCB | | Regular Activity | Department of Water resources will regularly monitor in this regard. |
| MI3 | Mining related environmental Complaints | | | | | |

| | | | | | | |
|-----|---|-------|--------------------------------|-----|------------------|--|
| 1 | No of pollution related complaints against Mining Operations in last 1 year | [Nos] | Department of Water Resources. | | | Department of Water resources will regularly monitor in this regard. |
| MI4 | Action against non-complying mining activity | | | | | |
| 1 | No of Mining operations suspended for violations to environmental norms | [Nos] | Department of Water Resources | | | Department of Water resources will regularly monitor in this regard. |
| 2 | No of directions issued by SPCBs | [Nos] | PPCB | Nil | Regular Activity | PPCB will submit its report regularly. |

Item No. 9-Bio Medical Waste

| No. | Action Areas | Measurable Outcome | Responsible agency | Base line 31.12.2019 | Target/Timeline | Decision taken during visit. |
|------|---|--------------------------|----------------------|----------------------|------------------|--|
| | Name of ULB | [name of ULB] | EO of Respective ULB | - | - | - |
| | Population | [Nos as per 2011 census] | EO of Respective ULB | - | - | - |
| BMW1 | Inventory of Biomedical Waste Generation | | | - | - | - |
| 1 | Total no. of Bedded Hospitals | [Nos] / [No inventory] | civil surgeon /PPCB | 549 | Regular activity | PPCB/ civil surgeon regularly monitor in this regard |
| 2 | Total no. of non-bedded HCF | [Nos] / [No inventory] | civil surgeon /PPCB | 147 | | |
| 3 | Total no. Clinics | [Nos] / [No inventory] | civil surgeon /PPCB | 302 | | |
| 4 | No of Veterinary Hospitals | [Nos] / [No inventory] | civil surgeon /PPCB | 64 | | |
| 5 | Pathlabs | [Nos] / [No inventory] | civil surgeon /PPCB | 105 | | |
| 6 | Dental Clinics | [Nos] / [No inventory] | civil surgeon /PPCB | 120 | | |
| 7 | Blood Banks | [Nos] / [No inventory] | civil surgeon /PPCB | 1 | | |

| | | | | | | |
|------|---|-----------------------------|---------------------|--|------------------|---------------------------------------|
| 8 | Animal Houses | [Nos] / [No inventory] | civil surgeon | 0 | | |
| 9 | Bio-research Labs | [Nos] / [No inventory] | civil surgeon /PPCB | 0 | | |
| 10 | Others | [Nos] / [No inventory] | civil surgeon /PPCB | 87 | | |
| | | | | | | |
| BMW2 | Authorization of HCFs by SPCBs / PCCs | | | | | |
| 1 | Bedded HCFs | [Nos Authorized] | PPCB | 426 | Regular Activity | PPCB regularly monitor in this regard |
| 2 | Non-bedded HCFs | [Nos Authorized] | PPCB | 240 | | |
| 3 | Monitoring of HCFs | | PPCB | 42 | | |
| 4 | Annual Return to be filed by HCFs | | PPCB | 316 | | |
| 5 | Identification, agreement and authorization of new HCFs | | PPCB | 42 | | |
| BMW3 | Biomedical Waste Treatment and Disposal Facilities (CBMWTFs) | | | | | |
| 1 | No of CBMWTFs | [Nos] / None | PPCB | 1 | Regular Activity | PPCB regularly monitor in this regard |
| 2 | Linkage with CBMWTFs | [Yes] / [no linkage] | PPCB | Yes | | |
| 3 | Capacity of CBMWTFs | [Adequate] / [Not adequate] | PPCB | Adequate | | |
| 4 | Requirements of CBMWTFs | [Require] / [not required] | PPCB | NR | | |
| 5 | Captive Disposal Facilities of HCFs | [Nos] / [None] | PPCB | Nil | | |
| 6 | Monitoring of CBMWTFs | | PPCB | | | |
| 7 | Annual Return to be filed by CBMWTFs | | PPCB | The CBMWTF is monitored in the month of Dec, 2019 and found non-complying. | | |

| | | | | | | |
|------|--|----------------------------------|----------------------|-------------|------|---|
| BMW4 | Compliance by CBMWTFs | | | | | |
| 1 | Compliance to standards | [Meeting] / [Not meeting] / [NA] | PPCB | Meeting | | PPCB regularly monitor in this regard |
| 2 | Barcode tracking by HCFs / CBMWTFs | [100%] / [Partly %] / [None] | PPCB | 100% | 100% | |
| 3 | Daily BMW lifting by CBMWTFs | [Kg / day] | PPCB | 5000 Kg/day | | |
| BMW5 | Status of Compliance by Healthcare Facilities | | | | | |
| 1 | Pre-segregation | [100%] / [partly %] / [None] | PPCB | 100% | 100% | PPCB regularly monitor in this regard |
| 2 | Linkage with CBMWTFs | [100%] / [partly %] / [None] | PPCB | 100% | 100% | |
| BMW6 | Meeting of the State level and District level Committees constituted under BMW Rules, 2016 | | Department of Health | | | Department of health will look into the matter. |

In the end of the meeting the chairperson informed that the meeting of District Environment Committee will be held once in a month and next meeting will be held in February, 2020. The Chairperson directed to all the departments that the reports of previous month must reach by 05th of next month to the PPCB for preparing the agenda of upcoming meeting.

The Meeting ended with Vote of thanks to the Chair.

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