



# Punjab Pollution Control Board

## REGIONAL OFFICE, AMRITSAR

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Through E-mail

Date : 30/05/2022

To

1. The Commissioner, Municipal Corporation, Amritsar
2. The District Development and Panchayat Officer, Amritsar.
3. The Medical Superintendent, Guru Nanak Dev Hospital Complex, Amritsar.
4. The Deputy Director, Local Government, Amritsar
5. The Superintending Engineer, Punjab Water Supply & Sewerage Board, Amritsar.
6. The Divisional Soil Conservation Officer, Amritsar.
7. The Executive Officers, Municipal Council / Nagar Panchayat – Jandiala / Majitha / Raja Sansi / Rayya / Ajnala / Ramdass.
8. The Principal Sri Guru Ram Dass Institute of Medical Sciences & Research, Vallah, Mehta Road, Amritsar

**Sub: -Minutes of meeting of District Environment Committee, meeting held under the Chairmanship of Hon'ble Deputy Commissioner, Amritsar on 25/05/2022 at 12:00 PM at Meeting Hall, First Floor, Room No. 168, District Administrative Complex, Amritsar to review the progress of activities of various areas of Environment in District Amritsar.**

In reference to above, please find enclosed herewith minutes of the meeting of District Environment Committee held under the Chairmanship of Hon'ble Deputy Commissioner, Amritsar on 25/05/2022 at 12:00 PM at Meeting Hall, First Floor, Room No. 168, District Administrative Complex, Amritsar to review the progress of activities of various areas of Environment in District Amritsar for information and necessary action at your end.

DA/Through E-mail

  
Environmental Engineer,  
Regional Office, Amritsar.

Endst No. 1259-63

Date 30/5/2022

A copy of above is forwarded to the following for information and necessary action please:

1. The Additional Deputy Commissioner (D), Amritsar cum Member Secretary, District Environment Committee.
2. The Chief Environmental Engineer, Punjab Pollution Control Board, Jalandhar.
3. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office, Amritsar
4. The Environmental Engineer (Computers), Punjab Pollution Control Board Head Office, Patiala. He is requested to upload the minutes of meeting on the official website of Punjab Pollution Control Board.
5. The P.A. to the Deputy Commissioner, Amritsar for the information of Hon'ble Deputy Commissioner, Amritsar please.

DA/Through E-mail

  
Environmental Engineer,  
Regional Office, Amritsar

**Minutes of meeting of District Environment Committee, meeting be held under the Chairmanship of Hon'ble Deputy Commissioner, Amritsar on 25/05/2022 at 12:00 PM at Meeting Hall, First Floor, Room No. 168, District Administrative Complex, Amritsar to review the progress of activities of various areas of Environment in District Amritsar.**

The list of participants is attached **as Annexure-A.**

At the outset, the Environmental Engineer, Punjab Pollution Control Board, Amritsar welcomed all the officers on behalf of Learned Deputy Commissioner, Amritsar and informed that a meeting of State Level Committee under the chairmanship of Secretary to Govt. of Punjab, Department of Science Technology & Environment is to be held on 31.05.2022 at 11:00 AM at Punjab Bhawan, Sector-3, Chandigarh, to review the progress of Air Action Plans, River Rejuvenation Actions Plans & Waste Management Action Plans as well as to oversee the meetings taken by the District Environment Committees and to review the compliance on the recommendations made/directions issued by the Hon'ble Monitoring Committee during its visit to Amritsar area on 10.10.2019 and its meeting with District Level Officers of District Amritsar on 11.10.2019 and further meeting on 8.6.2020 w.r.t. compliance of Solid Waste Management Rules, 2016 and Biomedical Waste Management Rules, 2016 and treatment of sewage of Amritsar area and further meeting via video conferencing on 13.01.2021. The Deputy Commissioner, Amritsar asked concerned stake holders to give the report regarding progress achieved based on the recommendations of Monitoring Committee:

| <b>A. Compliance on the recommendations made/directions issued by the Monitoring Committee during its visit to MSW dumping site at Bhagtan Wala Gate, Amritsar and MSW Management through windrow technology on 10.10.2019.</b> |  |  |   |
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| <b>Sr. No.</b>  | <b>Agenda Item</b>   | <b>Directions given by Chairman Monitoring Committee</b>   | <b>Compliance</b>   |
| <b>A) Municipal Corporation, Amritsar</b>   |  |  |   |
| 1   | Clearing of legacy waste and installation of Solid Waste Processing Plant. | In the last meeting held on 8.6.2020, it was directed that work regarding clearing the legacy waste collected at municipal waste dumping site at Bhagta Wala Gate shall be started within one month and sufficient area for installation of processing plant shall be created. The new machinery like trammel, Ballistic separator and vibro screen shall also be made operational within one month to segregate and recover the material. | The Commissioner, Municipal Corporation, Amritsar informed that bio-remediation work of the legacy waste at Bhagtanwala site started since 23.06.2020 with the help of 06 no. trammels and one no. ballistic separator.<br>It is further informed that MC, Amritsar is clearing approx. 1500 MT waste per day and approx. 3,00,000 MT of waste has been cleared till date. Further MC, Amritsar will clear all the three existing dumping sites by 31.10.2023.<br>Simultaneously MC, Amritsar is developing the |

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|    | Installation new piezo meters at the solid waste dumping site.  | It was directed that the Punjab Pollution Control Board shall collect water samples from new piezo meters within 15 days and the analysis results of these water samples shall be sent to the Monitoring Committee, within one month.  | <p>processing facility. For the purpose of processing of wet waste MC, Amritsar has started the construction of composting pad and about 1.5 acres of composting pad has been constructed out of total 2 acres and same will be completed by July 2022.</p> <p>The paper work for the establishment of waste to energy processing facility is under process and after the completion of power purchase agreement, the waste to energy plant will be constructed within 22 months. As per the timeline submitted by the concessionaire, the waste to energy plant will be established by July 2024.</p> <p>The ground water samples from the piezometers at dumping site were collected by PBTI, Mohali in the presence of officers of MC and PPCB on 22.06.2020 and the results are attached as <b>Annexure-A</b> and ground water samples from the piezometers at dumping site on 29.06.2021, results of the same are awaited.</p> <p>The Deputy Commissioner, Amritsar directed that install new piezometers also under Amritsar Smart city Limited</p> |
| 2. | Plantation of the green belt of suitable width and construction of boundary wall around the dumping site. | <p>In the last meeting held on 8.6.2020, it was directed by the Chairman of the Monitoring Committee as under:</p> <ul style="list-style-type: none"> <li>i. The plantation around the dumping site shall be provided by 31.07.2020.</li> <li>ii. The construction work of boundary wall around the dumping site shall be completed by 30.9.2020.</li> </ul> | <p>MC, Amritsar informed that plantation of green belt has been done around the Bhagtanwala dumpsite and construction of boundary wall has been completed along 03 sides of the dumpsite and the 4 side is pending due to court case One side is pending due to court case Number CWP-1045/2021 titled as Jatinder Singh &amp;Anr. Vs State of Punjab &amp;ors. And Municipal Corporation Amritsar Further estate office of MC, Amritsar has requested SDM Office for demarcation at the site.</p> <p>The Deputy Commissioner noted the compliance.</p>   |

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|    |   | <p>iii. PPCB and Municipal Corporation, Amritsar shall check the feasibility report regarding treatment of leachate of dumping site in the existing STPs as short term measures within 15 days. As long term measures, the Municipal Corporation shall submit scheme/ proposal the detailed scheme for treatment of leachate at existing dumping site within 01 month to Punjab Pollution Control Board under intimation to the Monitoring Committee.</p> | <p>AEE, PPCB informed that SE M.C. Amritsar was pursued by the undersigned and cheque issued to NIT, Jalandhar Rs. 9,22,760/- (copy attached) and also the work has been started by the NIT Jalandhar.</p>  |
| 3. | <p>Deposition of bank guarantee of Rs. 25 lakhs to Punjab Pollution Control Board by Municipal Corporation, Amritsar.</p>   | <p>In the last meeting, it was directed that Punjab Pollution Control Board shall encash the bank guarantee amounting to Rs. 25 lakh within 07 days. The Monitoring Committee further intends to impose performance guarantee amounting to Rs. 50 lakh in case the Municipal Corporation is unable to show appreciable work to be done w.r.t. management of the Municipal Solid Waste within next 2 months.</p>   | <p>The bank guarantee amounting to Rs. 25 Lakh has been encashed vide receipt no. 75/5144 dated 17.06.2020.</p> <p>The Deputy Commissioner noted the compliance.</p>  |
| 4. | <p>Imposition of penalty on the operator of the facility and encashment of the same due to non-compliance of the agreement within 10 days by the Municipal Corporation, Amrtisar.</p> | <p>It was directed that Municipal Corporation, Amritsar shall make outstanding payment to be the concessionaire after deducting the amount of penalty.</p>  | <p>Municipal Corporation, Amritsar has informed about details of penalties imposed on below mentioned parameters:-<br/> MC, Amritsar has deducted Rs 11,40,000/- from monthly tipping bills against complaint received from the citizens<br/> An amount of Rs 5 Lacs two times (10 lacs)<br/> An amount of Rs 1.29 Cr for non-performance<br/> An amount of Rs 33.74 Lacs for Bio Remediation<br/> An amount of Rs 79.21 Lacs for GPS.<br/> An amount of Rs 56.06 Lacs for P&amp;D<br/> An amount of Rs 01.28 Lacs, Rs. 3.35 Lacs, Rs. 35,600, Rs 0.95 Lacs, Rs 19.29 Lacs, Rs 5.46 Lacs, and Rs. 1.44 Lacs was deducted from the monthly tipping bill of month Sep, 2021, Oct, 2021, Nov, 2021, Dec, 2021, Jan, 2022, Feb, 2022 and March, 2022 respectively.<br/> An amount of Rs. 25.0 Lacs as for non-performance and penalty imposed by the Committee.</p> |

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|    |   |  | The Deputy Commissioner noted the compliance.   |
| 5. | Quantification of total solid waste, dry and wet waste generated in the city Amritsar.  | <ul style="list-style-type: none"> <li>Adequate number of compost pits may be constructed at appropriate places to handle and manage 125 TPD wet waste. These compost pits should be completed &amp; commissioned by 31.07.2020.</li> <li>Further MC Amritsar shall quantify the total solid waste generated, dry and wet waste generated in the Amritsar area.</li> </ul>     | <p>MC, Amritsar informed that 67 Numbers of composting pits have been constructed at 5 locations of the City (Goal Bagh - 16, Chhehrata - 12, Chabhal Road - 12, Bhagatwala - 11 and Chalis Khoo - 16).<br/>The excess wet waste is managed through windrow composting. MC, Amritsar has started the construction of composting pad and about 1.5 acres of composting pad has been constructed out of total 2 acres and same will be completed by 15.07.2022. Approx. 132 MT of wet waste is managed on daily basis with existing infrastructure.<br/>The Deputy Commissioner, Amritsar asked to MC, Amritsar to submit a implementable Solid Waste Management plan for Amritsar city.</p> <p>Total waste generated in the City is @ 450 MTD (270 MT wet waste, 170 MT dry waste, 8 MT domestic hazardous waste and 2 MT sanitary waste) which is handled per day.</p> <p>The Deputy Commissioner, Amritsar noted the compliance and directed the Municipal Corporation to adhere with the timelines regarding completion of said activity.</p> |
| 6. | Submission of proper and complete record of the solid waste through wind row technology for the last 3 months to Chief Environmental Engineer, Punjab Pollution Control Board, Jalandhar for verification within 05 days and compliance report to be submitted to the Monitoring Committee within next 07 days. | <ul style="list-style-type: none"> <li>MC Amritsar shall submit proper &amp; complete record of solid waste through wind row technology and verification by Punjab Pollution Control Board.</li> <li>It was directed that adequate number of compost pits and wherever possible windrow technology may also be adopted to manage the total wet waste by 31.07.2020.</li> </ul> | <p>Windrow composting is done at Bhagatwala dumping site through composting pad and approx 105 MT of wet waste is put in windrows on weekly basis and 40 MT wet waste is treated through pit composting.</p> <p>The Deputy Commissioner noted the compliance.</p>   |

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| 7.  | Collection of ground water samples from existing piezo meters within 7 days and an analysis of the same as per SWM Rules, 2016.   | <p>It was directed as under:</p> <ul style="list-style-type: none"> <li>i. Punjab Pollution Control Board shall collect the ground water samples of the residences near to the Solid Waste dumping site within 15 days and in case ground water samples are found contaminated, these ground water sources should be sealed by the Board and a display board should be erected at the site mentioning that water is not fit for drinking purpose.</li> <li>ii. Punjab Pollution Control Board shall send the analysis results of ground water samples collected in the Month of October 2019 to assess the concentration of various parameters.</li> </ul> | <p>Ground water samples of the residences near to the solid waste dump site at Bhagtanwala were collected on 05.11.2020 and sent to PBTI, Mohali &amp; Board's Lab for analysis.</p> <p>The analysis results of piezometer samples collected in the Month of October 2019 has already been provided to the Monitoring Committee.</p> <p>The Deputy Commissioner noted the compliance.</p>  |
| <b>Punjab Water Supply &amp; Sewerage Board</b> |   |  |  |
| 8.  | Operation of STPs and maintaining of proper record of sludge generation, its lifting and disposal by PWSSB/ Operating Agency and submission of record to Punjab Pollution Control Board for verification. | It was directed that daily record of the sludge being generated from STP and its scientific disposal may be maintained by PWSSB and monthly record of the same be sent to Punjab Pollution Control Board.  | <p>The PWSSB informed that record of Sludge being generated at STPs North &amp; South Zone has been submitted to Punjab Pollution Control Board, Regional Office, Amritsar.</p> <p>The Deputy Commissioner noted the compliance.</p>   |
| 9.  | Quantification the methane gas generation from bio-digester, its utilization within STPs to save electric energy by PWSSB   | <p>In the last meeting held on 8.6.2020, it was directed as under:</p> <ul style="list-style-type: none"> <li>i. PWSSB shall quantify methane gas generation from bio-digesters by 30.6.2020 and detailed scheme/proposal to utilize the methane gas for generation of electricity shall be prepared by 31.07.2020.</li> </ul>   | <p>The PWSSB informed that daily quantity of Methane Gas generated at STP North &amp; South zone has been worked out approx 2300 cum &amp; 3500 cum respectively. The estimate of Power Generation from Methane Gas has been prepared amounting to Rs. 3614 Lacs and same has been sent to Commissioner, Municipal Corporation, Amritsar for management of funds, but no funds received till date.</p> <p>The 2nd proposal for conversion of Bio Gas from Methane Gas being generated from STP has also been</p> |

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|     |   | <p>ii. Since there is utter failure of PWSSB to comply with the directions of the Monitoring Committee issued in the month of October-2019, as such the Monitoring Committee imposes an Environment Compensation amounting to Rs. 5 Lacs on PWSSB. The Monitoring Committee further states that the amount of environmental compensation imposed on PWSSB is much less than the loss caused to the environment and the less amount of the environmental compensation has been imposed considering the financial position of the PWSSB.</p> | <p>sent to higher authorities in PWSSB, but the funds for the same are yet to be received. As directed by higher authorities, Expression of Interest is also being prepared for selling Bio Gas to private bidders for utilizing the same. It will be floated within 15 days.</p> <p>The PWSSB authorities was given an opportunity of personal hearing before the Chairman of the Board on 06.10.2020 for non-compliance of directions issued by Monitoring Committee regarding imposition of Environmental compensation worth Rs. 5.0 Lac wherein it was decided that PWSSB shall deposit EC worth Rs. 5 Lacs each to both of the STPs and further opportunity of personal hearing has been given to PWSSB authorities on 12.01.2021.</p> <p>The PWSSB further informed that request for Proposal (RFP) has been sent to Head Office, Chandigarh for approval and the same is expected to be received within 15 Days. After that further necessary action will be taken.</p> <p>The Deputy Commissioner noted the compliance</p> |
| 10. | Installation of Online Continuous Effluent Monitoring System (OCEMS) at the outlet of STPs within 15 days by PWSSB. | <p>It was directed as under:</p> <p>i. Online Continuous Effluent Monitoring System shall be installed by PWSSB by 31.08.2020.</p> <p>ii. PWSSB shall install flow meters at the inlet and outlet of STPs by 30.6.2020, in case of these have not been installed.</p>  | <p>OCEMS has been installed on both the STPs and same have been connected with PPCB's server.</p> <p>Flow meters have also been installed at the outlets of both STPs</p> <p>The Deputy Commissioner noted the compliance.</p>   |
| 11. | Installation of CCTV cameras on the various component of Sewage Treatment   | It was directed that sufficient number of CCTV cameras at different components of STPs, should be installed by PWSSB by 30.6.2020.   | CCTV cameras have been installed at both the STPs. The Deputy Commissioner noted the compliance.   |



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|           | Plant within 2 months.   |  |  |
| 12.       | Preparation of scheme for utilization of treated sewage for irrigation and release of necessary funds for laying of irrigation network to ensure no treated/untreated effluent shall be allowed to discharge into any drain/nallah/river.  | <p>It was directed as under:</p> <ul style="list-style-type: none"> <li>i. Deputy Commissioner, Amritsar shall hold meeting with farmers, which have their agriculture land near STPs within 15 days and pursue them to utilize the treated sewage for irrigation.</li> <li>ii. Deputy Commissioner shall take up the matter with the State Government within 15 days for release of funds to lay irrigation network to utilize the treated sewage for irrigation.</li> <li>iii. PWSSB shall get analyze the quality of treated sewage from Punjab Agriculture University, Ludhiana within 15 days to check its suitability for irrigation. The said report shall be submitted to the office of Deputy Commissioner, Amritsar and Punjab Pollution Control Board.</li> </ul> | <p>The DSCO, Amritsar informed that about 1200 acres of land of villages situated near the vicinity of STP (South) at Khaperkheri, Amritsar is being irrigated with the treated water of STP and as far as utilization of treated water of STP (North) at Gaunsabad is concerned, there are some quality issues as the treated water of STP meets with the effluent of dairies/industries which are discharging their effluent into drain.</p> <p>PWSSB vide letter no. 18 dated 11.01.2021, informed that treated water from both the STPs has been got tested from Punjab Agriculture University, Ludhiana and as per analysis report, the water is fit for all types of crop and earth.</p> |
| <b>B</b>  | <b>Compliance by the various departments on the recommendations made/ directions issued by the monitoring committee during its meeting with district level officers wr.t. Solid Waste Management Rules, 2016 and Biomedical Waste Management Rules 2016 on 11.10.2019</b>  |  |  |
| <b>1.</b> | <b>Deputy Commissioner, Amritsar</b>   |  |  |
|           | <p>It was directed as under:</p> <ul style="list-style-type: none"> <li>i. The Deputy Commissioner, Amritsar shall depute a joint team consisting of officers of Punjab Pollution Control Board and Municipal Corporation, Amritsar to carry out detail survey along Tung Dhab drain and the team shall identify the sources of pollution into Tung Dhab drain, quantity the discharges of these sources. The report shall be submitted to the Deputy Commissioner, Amritsar within 15 days.</li> <li>ii. Punjab Pollution Control Board and Municipal Corporation, Amritsar in consultation with Deputy Commissioner, Amritsar shall prepare a detailed scheme for treatment and disposal of pollution sources into Tung Dhab drain within 15 days. A proposal for installation of biogas plant for dairies located along Tung Dhab drain may also be prepared</li> <li>iii. The Deputy Commissioner, Amritsar shall hold meeting with the officers of Municipal Corporation, Amritsar and other concerned officers and progress w.r.t. activities to be carried out to manage the solid waste generated on day-to-day basis and the legacy waste lying dumped at dumping sites be discussed</li> </ul> | <p>The survey of Tung Dhab drain has been conducted by officers of Punjab Pollution Control Board and MC, Amritsar regarding identification of sources of pollution into Tung Dhab drain and quantification of the discharges of these sources and report has been submitted to the Deputy Commissioner, Amritsar.</p> <p>The progress w.r.t. activities to be carried out to manage the solid waste generated on day-to-day basis</p>   |  |

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|           | <p>in the meeting. Accordingly, the Action taken report shall be submitted to the Monitoring Committee. He shall also submit its report about further development made w.r.t. management of solid waste separately to the monitoring committee fortnightly</p> | <p>and the legacy waste lying dumped at dumping sites has been discussed during District Environment Committee meetings held on 23.06.2020 16.10.2020 and 17.08.2021.</p> <p>AEE PPCB informed that meeting held on 19.8.2021 at 11:30 AM under the Chairmanship of CPS to CM, Punjab a Task Force has been formed with Hon'ble Member of Parliament Sh. Gurjeet Singh Aujla as Chairman and a Technical committee has been constituted for cleaning of Tung Dhab Drain.</p> <p>The Deputy Commissioner directed the stakeholder departments to carry out activities for controlling the pollution in Tung Dhab drain and suggested that an experiment be done on a dairy by adopting DRDO technology used by Railway in bio toilets as experienced by the Hon'ble Deputy Commissioner, Amritsar at M/s Mohan Rail Components opp. Rail Coach Factory, Hussainpur, Distt Kapurthala. If successful the same may be replicated in other dairies for in-situ treatment of dairy waste.</p> |
| <b>1.</b> | <b>Management of Solid Waste Municipal Corporation, Amritsar</b>   |  |
| i)        | % of Door to door collection   | 100 %  |
|           | % of Source segregation of solid waste   | 65.12 %  |
| ii)       | No. of compost pits required   | 56 and one no. composting pad in 02 acres  |
|           | No. of compost pits constructed  | 56 and construction work of composting pad has been completed in an area about 1.5 acre  |
|           | Wet waste generated (MTD)  | 270  |
|           | Wet waste treated (MTD)  | 170  |
|           | % of wet waste treated   | 62 %   |
|           | Record of Compost maintained?  | Yes  |
| iii)      | No. of MRFs required   | 05   |
|           | No of MRFs constructed   | 05   |
|           | Amount of Plastic Waste Confiscated (MT)   | 08   |
|           | Record of confiscated Plastic Waste maintained?  | Yes  |
| iv)       | No. of GVPs identified   | 44   |

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|       | No. of GVPs cleared   | 44   |
|       | No. of GVPs converted into useful purpose   | 10   |
| v)    | Total garbage carrying vehicles deployed  | 25 Tractor trolleys, 05 dumper placers, 12 Tippers, 286 Mini tippers, 9 Bin Lifters and 32 compactors  |
|       | Garbage carrying vehicles having GPS system   | Yes  |
| vi)   | No. of Bulk Waste Generators identified   | 27   |
|       | No. of Bulk Waste Generators to which directions issued to provided compost pits for treatment of wet waste.  | All 27 bulk waste generators have installed in house processing facility.  |
|       | No. of Bulk Waste Generators to which directions issued to make agreement with MC for treatment of dry waste. | 27   |
| vii)  | Frequency of sweeping   | Once in all city on daily basis and in some commercial areas, night sweepings is also done   |
| viii) | Total No. of parks  | 139  |
|       | No. of parks having adequate compost pits   | 104  |
| ix)   | Legacy waste at solid waste dumping site (Present or Not.)  | Present  |
|       | Quantity of legacy waste (MT)   | 10 Lac MT  |
|       | Area occupied by legacy waste   | 25 acres   |
|       | Location of Legacy waste  | Bhagtanwala dumpsite   |
|       | Measures taken for protection of legacy waste site  | Boundary wall around the dumping, periodic spray of herbal sanitizer and bio-remediation has been started  |
|       | Status of treatment of Legacy Waste.  | 30 % of legacy waste has been treated till date. Presently, MC, Amritsar has installed one ballistic separator and 06 trommel machines and remediating the legacy waste @ 1500 MTD approximately 3,00,000 MT Legacy waste has been remediated  |
| x)    | No. of inspections regarding selling/use of plastic carry bags  | 80   |
|       | No. of inspections regarding burning and littering of solid waste   | 42   |
|       | No. of challans issued  | 31 Challan since January 2022  |
|       | Amount of fine imposed (in Rs)  | 15500  |
|       | Amount of fine Recovered (in Rs)  | 15500  |
| xi)   | Details of IEC activities conducted   | <p>For the purpose of awareness, top management of Municipal Corporation Amritsar is participating dedicatedly and the Mayor and Commissioner Municipal Corporation Amritsar has organized 27 workshops under their supervision in various parts of the city.</p> <p>MC Amritsar has installed hoarding boards at various locations of the city to aware the general public of the city regarding how to manage as well as segregate waste.</p> <p>Information, Education and Communication (IEC) activities are carried out by the Municipal Corporation through door-to-door campaign by Community facilitators, motivators,</p> |

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|   |   | <p>SI and CSI. IEC events are also organized by the MC Amritsar on regular basis. There are 4 Community Facilitators &amp; 11 Motivators.</p> <p>Municipal Corporation Amritsar has deputed Feedback Foundation for awareness. This Foundation has been done 7 workshops in Municipal Corporation Amritsar and doing door to door campaign in Amritsar city on daily basis. Apart from this, foundation is organizing awareness programme for drivers, Rag-pickers and waste collectors on daily basis, in various locations of the city.</p>   |
| xii)                                      | Bio-remediation of Old dump site  | <p>Bio-remediation work of the legacy waste at Bhagtanwala site started since 5th March 2019 and MC Amritsar speed up work of bio remediation since the 23.06.2020 with the help of 06 no. trammels and one no. ballistic separator. MC, Amritsar is clearing approx. 1500 MT waste per day and approx. 3,00,000 MT of waste has been cleared till 30th April 2022. The earth like material produced is used for the leveling of the processing site. The concessionaire has sent a sample of 25 Metric tons of RDF to Ultratech cement in Chittorgarh and after the approval of sample all the RDF will be sent to Ultratech cement in Chittorgarh for final disposal. RDF is also disposed off at Sonipat Waste to Energy plant as per the guidelines of Hon'ble NGT and PPCB.</p> <p>As per the schedule submitted by the Concessionaire, all the legacy waste is to be cleared up to 31st October 2022, but as per extended time lines all legacy waste will be cleared up to 31st March-2023</p> |
| <b>C) Management of Bio Medical Waste</b> |   |   |
| i.  | Clearing of all the pending authorization application of Health Care Facilities (HCFs) under Bio Medical Waste Management Rules, 2016 within one month. | <p>It was directed that Punjab Pollution Control Board shall continue to clear all the authorization. applications made under Bio Medical Waste Management Rules, 2016 and no application should be kept pending.</p> <p>PPCB is regularly deciding the authorization applications of the HCFs and no application is pending beyond the prescribed time limit.</p> <p>There are 860 HCFs in District Amritsar, out of which 780 having valid authorization and Board is pursuing through camps for obtaining authorization.</p> <p>The Deputy Commissioner noted the compliance.</p>  |
| ii.                                       | Installation of ETPs by the HCFs  | <p>It was directed that the remaining 30 HCFs should be directed by PPCB to install ETPs by 30.9.2020.</p> <p>PPCB vide order dated 07/08/2020, has extended the timeline up to 31/03/2021 and further PPCB vide order dated 21.05.2021 and 30/09/2021 has extended the timeline upto 31/03/2022 for the installation of ETPs /</p>   |

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|           |  |   | STPs by bedded hospitals.   |
| iii.      | Arrangement of awareness camps in association with IMA & other Association by PPCB to get authorization application applied from remaining HCFs.   | It was directed that Punjab Pollution Control Board shall arrange awareness camps in association with IMA from time to time and the HCFs may be guided about the compliance of the Bio Medical Waste Rules, 2016.               | PPCB is organizing camp once in every month wherein the HCFs have been facilitated/guided for compliance of Bio – Medical Waste Management Rules, 2016 including filing of application for obtaining authorization as mandated under said rules.  |
| iv.       | Inspection of Environmental Compensation on defaulter HCFs.  | It was directed that Punjab Pollution Control Board shall make surprise inspection of HCFs and necessary action under the provisions of the Bio Medical Waste Management Rules, 2016 shall be taken against the violating HCFs. | PPCB is regularly monitoring the hospitals for the compliance of Bio-Medical Waste Management Rules, 2016 and has checked 70 HCFs w.e.f. Jan 2022 to April 2022.<br>The Deputy Commissioner noted the compliance.   |
| v.        | Installation of ETPs / STPs in time bound manner by the Govt. Hospitals.   | It was directed that DRME shall ensure that the STP for Guru Nanak Dev Hospital, Amritsar is installed and commissioned by 31.12.2020.  | AEE PPCB informed that the HCF was visited on 22/04/2022 and the civil construction work of installation of ETP/STP was under progress. Almost 90% work has been completed at site. All the components of ETP/STP have been arrived at site and some of them are fitted as well, however, no electric work has been done at site and the has been recommended through online e-noting regarding installation of ETP/STP as HCF has failed to install the ETP/STP within time. |
| <b>D)</b> | <b>Compliance of orders issued by Hon'ble NGT in its order dated 01.06.2020 in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Oberoi v/s Union of India &amp; Ors.</b>  |   |   |
|           | In the earlier meeting held on 8.6.2020, It was directed that the Deptt. of Rural, Development and Panchayat shall prepare the scheme for the rejuvenation of water bodies existing in the district by 31.07.2020 and the concerned department namely Deptt. of Irrigation and flood control are other concerned department such as Deptt. Of Urban Development / Local Bodies / Forests / Revenue shall comply with the order dated 01.06.2020 of Hon'ble NGT in OA No. 325 of 2015 in the matter of Lt. Col. Sarvadaman Singh Oberoi v/s Union of India & Ors. |   | The Additional Deputy Commissioner (D), Amritsar informed that de-watering work of all the 553 no. ponds of District Amritsar has been completed. Also, out of total 352 no. ponds where the desilting is required, desilting work of 270 no. ponds have been completed.<br>The Deputy Commissioner noted the compliance.   |
| <b>E)</b> | <b>In situ remediation of drains/nallah carrying untreated sewage.</b>   |   |   |

|           |   |                                  |                                  |                                |                                  |                                  |                                  |
|-----------|---|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|
|           | In the last meeting, it was directed that the concerned departments like Municipal Corporation, Amritsar; Punjab Water Supply & Sewage Board and Deptt. of Rural Development & Panchayat shall install in-situ bioremediation technology in the drains carrying untreated sewage and falling in their jurisdiction and have not been connected with STPs by 31.07.2020. |                                  |                                  |                                |                                  |                                  |                                  |
| <b>G)</b> | <b>Management of Solid Waste by the Municipal Councils of District Amritsar other than Municipal Corporation, Amritsar.</b>   |                                  |                                  |                                |                                  |                                  |                                  |
| <b>1.</b> | <b>Description</b>  | <b>MC, Jandiala</b>              | <b>NP, Ajnala</b>                | <b>NP, Ramdass</b>             | <b>NP, Rajasansi</b>             | <b>MC, Majitha</b>               | <b>NP, Rayya</b>                 |
| 1         | % of Door to door collection  | 100%                             | 100%                             | 100%                           | 100%                             | 100%                             | 100%                             |
|           | % of Source segregation of solid waste  | 60%                              | 5                                | 60%                            | 90%                              | 25%                              | 40%                              |
| 2         | No. of compost pits required  | 42                               | 32                               | 13                             | 34                               | 22                               | 17                               |
|           | No. of compost pits constructed   | 34                               | 32                               | 13                             | 34                               | 9                                | 17                               |
|           | Wet waste generated (MTD)   | 3.7                              | 2                                | 1                              | 2.4                              | 2                                | 1                                |
|           | Wet waste treated (MTD)   | 3                                | 1                                | 0.6                            | 1.4                              | 0.8                              | 0.5                              |
|           | % of wet waste treated  | 90 %                             | 50 %                             | 60 %                           | 70 %                             | 40 %                             | 50 %                             |
|           | Record of Compost maintained?   | Yes                              | Yes                              | Yes                            | Yes                              | Yes                              | Yes                              |
| 3         | No. of MRFs required  | 1                                | 1                                | 1                              | 1                                | 1                                | 1                                |
|           | No of MRFs constructed  | 1                                | 1                                | 1                              | 1                                | 0                                | 1                                |
|           | Amount of Plastic Waste Confiscated (MT)  | 1                                | 0.2                              | 0.3                            | 0.2                              | 0                                | 0.1                              |
|           | Record of confiscated Plastic Waste maintained?   | Yes                              | Yes                              | Yes                            | Yes                              | Yes                              | Yes                              |
| 4         | No. of GVPs identified  | 3                                | 2                                | 1                              | 2                                | 1                                | 2                                |
|           | No. of GVPs cleared   | 3                                | 2                                | 1                              | 2                                | 1                                | 2                                |
|           | No. of GVPs converted into useful purpose   | 0                                | 0                                | 0                              | 0                                | 0                                | 0                                |
| 5         | Total garbage carrying vehicles deployed  | 15 Tricycles, 3 Tractor Trolleys | 15 Tricycles, 2 Tractor Trolleys | 8 Tricycles, 1 Tractor Trolley | 17 Tricycles, 2 Tractor Trolleys | 10 Tricycles, 1 Tractor Trolleys | 13 Tricycles, 2 Tractor Trolleys |
|           | Garbage carrying vehicles having GPS system   | Yes                              | Yes                              | Yes                            | Yes                              | No                               | Yes                              |
| 6         | No. of Bulk Waste Generators identified   | 4                                | 0                                | 0                              | 1                                | 0                                | 1                                |
|           | No. of Bulk Waste Generators to which directions issued to provided compost pits for treatment of wet waste.  | 4                                | 0                                | 0                              | 1                                | 0                                | 1                                |
|           | No. of Bulk Waste Generators to which directions issued to make agreement with MC for treatment of dry waste.   | 4                                | 0                                | 0                              | 1                                | 0                                | 1                                |
| 7         | Frequency of sweeping   | 1                                | 1                                | 1                              | 1                                | 1                                | 1                                |
| 8         | Total No. of parks  | 1                                | 5                                | 0                              | 2                                | 0                                | 0                                |

|                                      |   |   |  |   |   |  |  |
|--------------------------------------|---|---|--|---|---|--|--|
|                                      | No. of parks having adequate compost pits                         | 1   | 5  | 0   | 2   | 0  | 0  |
| 9                                    | Legacy waste at solid waste dumping site (Present or Not.)        | Yes   | Yes  | Yes   | No Dump Site  | Yes  | No Dump Site   |
|                                      | Quantity of legacy waste (MT)                                     | 7000  | 35000  | 8000  | 0   | 1200   | 1200   |
|                                      | Area occupied by legacy waste                                     | 7 Acre  | 8 Kanal  | 12 Kanal  | 0   | 1 acre   | 0  |
|                                      | Location of Legacy waste  | Ward No 1   | Vill Aamkotli  | Ward No 7, near Bus Stand   | Ward No 13  | Idhgah   | Near Railway Line  |
|                                      | Measures taken for protection of legacy waste site                | Spray with herbal sanitizer done regularly and tender for construction of boundary wall has been published. | The site of legacy waste already has boundry wall and regular spray of herbal sanitizer is being done from time to time. | Boundary walls, Spray and Plantation  | Site is being shared with Ajnala ULB                              | Boundary walls, Spray and Plantation   | Proposal for site has been sent  |
| Status of treatment of Legacy Waste. | Machines have been received and electrical connection obtained    | Machines has been received and electrical connection has been applied                                       | Machine order has been placed and yet to be delivered  | NA  | Machine order has been placed and yet to be delivered             | Machines has been received and electrical connection has been applied                                    |  |
| 10                                   | No. of inspections regarding selling/use of plastic carry bags    | 15  | 5  | 3   | 20  | 10   | 5  |
|                                      | No. of inspections regarding burning and littering of solid waste | 15  | 5  | 3   | 20  | 10   | 5  |
|                                      | No. of challans issued  | 19  | 21   | 0   | 12  | 4  | 2  |
|                                      | Amount of fine imposed (in Rs)                                    | 4300  | 4100   | 0   | 1200  | 200  | 200  |
|                                      | Amount of fine Recovered (in Rs)                                  | 4300  | 4100   | 0   | 1200  | 200  | 200  |
| 11                                   | Details of IEC activities conducted                               | Wall painting and hoardings installed at different areas of city  | MC has installed hoarding boards at various locations of the city to aware the general public of the city regarding how  | Hoarding board in city installed, Distribution of pamphlets regarding segregation and | Wall painting and hoardings installed at different areas of city. | Yes, wall Painting and awareness for segregation of waste in all wards with proper social media coverage | Wall painting and hoardings installed at different areas of city. Door to door campaign to |

|  |  |   |  |   |                                |   |   |
|--|--|---|--|---|--------------------------------|---|---|
|  |  |   | to manage as well as segregate waste. Apart from this, The MC has done the wall painting to aware the citizens. It is also apprised that the MC is carrying out a regular drive by installing LED Screen on E-Rickshaw during evening hours to show motivational videos regarding segregation of solid waste to the public in different wards. | Swachh Sarvekchan 2021.                               |                                | as well.  | motivate people for segregation and home composting started.          |
| 12   | Bio-remediation of Old dump site   | Machines has been received and electrical connection has been applied | Machines has been received and electrical connection has been applied  | Machine order has been placed and yet to be delivered | NA                             | Machine order has been placed and yet to be delivered | Machines has been received and electrical connection has been applied |
| 13   | Removal of solid waste from the drains/Nallahs/canals/stretches of rivers. | 4 GVP are being regularly cleaned                                     | 5 GVP are being regularly cleaned  | 0   | 1 GVP is being regular cleaned | 1 GVP is being regular cleaned                        | 4 GVP are being regularly cleaned                                     |
| Deputy Commissioner directed EOs of Municipal Councils/Nagar Panchayats of District Amritsar to adhere with the timelines given by Monitoring Committee for the completion of above said activities of Solid Waste Management. |  |   |  |   |                                |   |   |

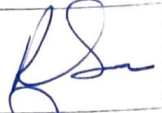


The meeting ended with a vote of thanks to the Chair.



## ATTENDANCE SHEET

Meeting of District Environment Committee to be held under the Chairmanship of Hon'ble Deputy Commissioner, Amritsar on 25/05/2022 at 12:00 PM at Meeting Hall, First Floor, Room No. 168, District Administrative Complex, Amritsar

| Sr. No. | Name of the Officer with Designation | Name of the Department                             | Mobile No. & Email                        | Sign |
|---------|--------------------------------------|--|---|------|
| 1.      | Pankaj Jain, EE                      | PwSSB  | 8427663504                                |      |
| 2.      | Deepak Singh, SOE                    | PwSSB  | 8360907229                                |      |
| 3.      | Anil Chopra EO                       | N.P. Rajasahi                                      | 9646811000                                |      |
| 4.      | Amardeep Singh E.O.                  | M.C. MAJITHA.                                      | 9417533155                                |      |
| 5.      | Shamsher Singh. Spintary Inspector   | M.C. Jandiala<br>MC Majitha<br>NP Baba Bakala Sahb | 9988900388                                |      |
| 6.      | Rupinder Kaur ef                     | MC Jandiala<br>MC Majitha                          | 9855576586                                |      |
| 7.      | Navdeep Kaur CF                      | N.P. Ajnala<br>MC Ramdas                           | 7717395605                                |      |
| 8.      | Pitu Bala S.I. Sanitary Inspector    | NP ADNACA  | 97791-51126                               |      |
| 9.      | Savika Sood S-I                      | NP Rayya   | 90231-11011                               |      |
| 10.     | KULWINDER KAUR CF                    | N.P. Rajasahi<br>N.P. Rayya                        | 9779605030                                |      |
| 11.     | Dr. Anupam Singh                     | Govt. Medical College<br>G.N.O. Hosp. ASR          | 9815892045                                |      |
| 12.     | S. KULBIR SINGH Municipal BMW, S.I.  | SGRDIMSTR (ASR)                                    | 8872203000<br>kullbir.singh@punjab.gov.in |      |
| 13.     | SANDEEP SINGH, SECY                  | meA.   | 80540-10150                               |      |
| 14.     | Deepinder Sandhu                     | meA  | 9462400042                                |      |
| 15.     | Satinder Kumar S.E (M&W)             | meA  | 9646046223                                |      |
| 16.     | Rajinder N. Singh XERO               | meA  | 9646073300                                |      |

| Sr. No. | Name of the Officer with Designation    | Name of the Department         | Mobile No. & Email | Sign  |
|---------|---|--------------------------------|--------------------|---|
| 17.     | Ravindra Sur<br>SDO (Soil Conservation) | Soil and water<br>Conservation | 9781874243         |  |
| 18.     | Pankaj Upadhyay                         | DMC, Amritsar                  | 9666490339         |  |
| 19.     | Dr. Poonam                              | Health officer<br>MCA          | 84270-52800        |  |
| 20.     |   |                                |                    |   |
| 21.     |   |                                |                    |   |
| 22.     |   |                                |                    |   |
| 23.     |   |                                |                    |   |
| 24.     |   |                                |                    |   |
| 25.     |   |                                |                    |   |
| 26.     |   |                                |                    |   |
| 27.     |   |                                |                    |   |
| 28.     |   |                                |                    |   |
| 29.     |   |                                |                    |   |
| 30.     |   |                                |                    |   |
| 31.     |   |                                |                    |   |
| 32.     |   |                                |                    |   |