

General letters

Office of Deputy Commissioner, Jalandhar
cum Chairman District Environment Committee, Jalandhar

No. 4458

Dated 28-10-2021

To

The Director of Environment and Climate Change (DECC),
Department of Science Technology & Environment,
Govt of Punjab, MIGSIPA Complex, Sector 26 Chandigarh-160019

Sub: Environmental Plan for District Jalandhar as per the directions of Hon'ble NGT O.A no. 360/2018

It is submitted that Hon'ble NGT vide its order 26.09.2019 in O.A no. 360/2018 had directed to prepare the District Environment Plan in each district. The Environment Plan for District Jalandhar was prepared on the template provided by the CPCB of 220 data points in excel format. This plan was forwarded to DECC Chandigarh through e-office. Thereafter, the revised plan was also sent to your department by the District Administration after incorporating the special issues of the District, Jalandhar as per the latest directions vide letter no. 1288/MA dated 05.03.2021.

A meeting was held with the State level Officers under the Chairmanship of Justice Jasbir Singh, Former Judge, Punjab & Haryana High Court and now as Chairman of the Monitoring Committee on 30.03.2021. In this meeting, it was decided that District Environmental Plans for all the Districts be modified/upgraded incorporating the latest information as discussed in the meeting and 220 data points as mentioned in the orders of Hon'ble National Green Tribunal by 31.05.2021. The information was sought from all the concerned departments and after the receipt of the reports from the concerned departments, plan was modified as per the directions of the Monitoring Committee.

The Modified District Environment Management District Jalandhar alongwith Excel Sheet mentioning the details of the 220 data points was sent to DECC, Chandigarh vide letter no. 597/LFA dated 21.05.2021.

Thereafter, a VC meeting was held with the officers of District Jalandhar under the chairmanship of Justice Jasbir Singh, Former Judge, Punjab & Haryana High Court and now as Chairman of the Monitoring Committee on 02.07.2021. In this meeting it was decided that District Environment Plan for Jalandhar be prepared on the new template to be provided. The information was sought from various stake holders departments as per the new template as per directions of Hon'ble NGT Monitoring Committee. The District Environment Plan Jalandhar prepared in the new template as per directions of Hon'ble NGT in OA no. 360/2018 vide sent to you vide letter no. 2970 dated 16.07.2021.

Thereafter, a VC meeting was held with the officers of District Jalandhar under the chairmanship of Justice Jasbir Singh, Former Judge, Punjab & Haryana High Court and now as Chairman of the Monitoring Committee on 13.08.2021. In this meeting it was decided to add certain more aspects related to District Jalandhar in the draft District Environment Plan and complete pending information in the existing draft District Environment Plan as per template of CPCB. All the stakeholder departments were also directed to review the data supplied and in case any correction is required the same be incorporated.

The information was again sought from various stake holder departments as per directions of Hon'ble NGT Monitoring Committee. The District Environment Plan Jalandhar prepared in the new template as per directions of Hon'ble NGT in OA no. 360/2018 was sent to DECC, Chandigarh vide letter no. 4235 dated 14.09.2021.

Thereafter, a meeting was held with the officers of District Jalandhar under the chairmanship of Justice Jasbir Singh, Former Judge, Punjab & Haryana High Court and now as Chairman of the Monitoring Committee on 28.09.2021 at Forest Complex, SAS Nagar. In this meeting it was decided to add certain more aspects related to District Jalandhar in the draft District Environment Plan and complete pending information in the existing draft District Environment Plan as per template of CPCB. All the stakeholder departments were also directed to review the data supplied and in case any correction is required the same be incorporated.

The information was again sought from various stake holder departments as per directions of Hon'ble NGT Monitoring Committee. The District Environment Plan Jalandhar prepared in the new template as per directions of Hon'ble NGT in OA no. 360/2018 is hereby sent to you for your kind information and further necessary action in the matter.


Deputy Commissioner cum Chairman
District Environment Committee, Jalandhar

District Environment Plan for Jalandhar Punjab



**Office of Deputy Commissioner, Jalandhar
cum
Chairman District Environment Committee, Jalandhar**

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1.0 District Profile

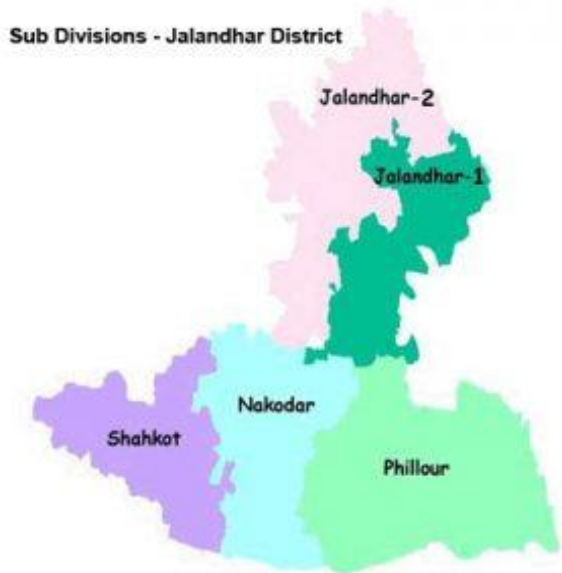
Jalandhar is famous for sports industry and items/goods manufactured in Jalandhar one used in many international sporting games including Olympics, Commonwealth Games, Asian Games. It is a hub for manufacturing of hand tools, leather items, pipe fitting, valves & cocks and print media (specially in Hindi and Punjabi language). Doordarshan, Jalandhar is also an important feature of the City. Jalandhar is the most centrally located district which falls in the Doaba region of the State of Punjab. It is surrounded by Ludhiana district in East, Kapurthala in West, Hoshiarpur in North and Ferozpur in South. It is well connected by road and train. The city is located in a stretch of about 20 Km. on National Highway-I, spread over an area of about 148 sq. km and currently accommodates a population of about 8.62 lacs.

Jalandhar is located on the intensively irrigated plain between Beas and Sutlej rivers. The city, with has major road and rail connections, is a market for agricultural products. Jalandhar was the capital of Punjab from India's independence (1947) until Chandigarh was built in 1953. Jalandhar is situated at 71° 31' East and 30° 33' North at a distance of 146 kms from state capital Chandigarh. It is at a distance of 350 Kms from Delhi on Delhi-Amritsar Highway.

(i) District Administrative Set-up

The Jalandhar district is sub-divided into 05 sub-divisions/tehsils, 07 sub-tehsils and 11 blocks as under:

Sr. No.	Sub-divisions/ Tehsils	Sub-Tehsils	Blocks	No. of Villages
1	Jalandhar-I	Adampur	Jalandhar-1, Adampur	148
2	Jalandhar-II	Kartarpur, Bhogpur	Jalandhar-2, Bhogpur	195
3	Phillaur	Nurmahal, Goraya	Phillaur, Nurmahal, Rurka Kalan	224
4	Nakodar	Mehatpur	Nakodar. Mehatpur	148
5	Shahkot	Lohian	Shahkot. Lohian	175



(ii) Natural Resources

Water bodies

River Sutlej after flowing through Himachal Pradesh territory, it debouches from the Shivalik hills near Nangal (Distt. Roopnagar) and enters Jalandhar District and it flows due east along the bottom of the district, for about 48 Km and turns, as it leaves Shahkot Tehsil slightly to west towards its junction with Beas at Harike during its journey along the district. It maintains south west direction. The old towns/ villages of Phillaur, Shahkot etc. were built on its banks. After the construction of Bhakhra Dam, the flooding menace of the River Sutlej in the district has considerably reduced. Sewage/sullage of some of the cities, towns and village situated along the river Sutlej and other drains is also discharged into the river directly or indirectly through drains/choe etc. The major drains passing through distt. Jalandhar & meeting with River Sutlej are as per detail given under:-

KALA SANGHIAN DRAIN

Kala Sanghian Drain, a natural drain, originates from Village Raowali traverses across Jalandhar city (45.58 km) from North to south finally

meets East Bein at Village Dhadha Lehna.

Kala Sanghian drain carries effluent of about 75-80 MLD when flows through Jalandhar City. Effluent of habitation, few villages, Focal Point, Dry Leather Complex, Leather Complex, STP and some dairies contributes to this discharge. Details of untreated and treated sources of disposal of effluent in Kala Singhian drain, is as under:

a. Source of untreated discharge of effluent in Kala Sanghian Drain

- I. Domestic effluent of Village Raowali
- II. Domestic effluent of village Bulandpur
- III. Dairy waste of dairies located at village Bulandpur
- IV. Domestic effluent of Focal Point
- V. Domestic effluent of residential houses constructed on the embankment of Kala Sanghian Drain.
- VI. Domestic effluent of dry leather complex.
- VII. Dairy waste of dairies located at village Nahal.
- VIII. Domestic effluent of Village Athola.
- IX. Domestic effluent of Village Chamara.

b. Source of treated discharge of effluent in Kala Sanghian Drain

- I. Outlet of STP Peer Dad (50 MLD), Jalandhar
- II. Outlet of CETP Leather Complex

GARHA DRAIN

Garha Drain, a natural drain, originating near Urban Estate, Jalandhar traverses across Jalandhar city (6-7 km) from North to South finally meeting the East Bein at Village Kangniwal.

Garha Drain carries effluent of about 225-230 MLD when flows through Jalandhar City. Effluent of habitation, STPs and dairy complex Jamsher contribute to this discharge. Details of individual point whose disposal is in Garha Drain, is as under:

1 Source of untreated discharge of effluent in Garha Drain

- I. Domestic effluent of Village Subhana
- II. Domestic effluent of village Pholriwal
- III. Dairy waste of dairies located at village Jamsher Khas
- IV. Domestic effluent of village Jamsher Khas

2 Source of treated discharge of effluent in Garha Drain

- I. Outlet of STP Pholriwal (100 MLD, 25 MLD (2 no.)), Jalandhar
- II. Outlet of STPs installed in Jalandhar Cantt by MES Authorities of capacity 3 MLD (2 no.), 0.4 MLD and 1.5 MLD (2 no.)
- III. Outlet of STP Bambiawal (10 MLD) Jalandhar

East Bein

East Bein originates from Distt. Hoshiarpur and after passing through Distt.SBS Nagar and then Distt. Kapurthala in tehsil Phagwara it finally enters Distt. Jalandhar. Kala Sanghian Drain and Garha Drain meet East Bein at Village Dhadha Lehna & Village Kangniwal respectively. Also the treated water of Sewage Treatment Plant Nakodar (06 MLD) is also discharged into East bein for which underground pipeline has been laid from the Sewage Treatment Plant traversing approx. 8 km. East Bein further meets River Sutlej at Village Gidder Pindi.

Theing drain

Theing drain originates from village Theing in Tehsil Phillaur. It carries untreated sewage of village Theing, Saffabad and Garha as well as treated effluent from Sewage Treatment Plant North (2.6 MLD) Phillaur into River Sutlej.

The control of pollution in River Sutlej under active concentration of State of Punjab. Action Plan for clean River Sutlej has also been prepared by the State of Punjab and submitted to CPCB. Monthly progress reports w.r.t of various activities in the prescribed perform of Action Plan are being collected and compiled and quarterly reports are being sent to CPCB by DECC.

Availability of Water Resources

Central Ground Water Authority has been constituted under Section 3 (3) of the Environmental (Protection) Act, 1986 to regulate and control development and management of ground water resources in the country.

The annual replenish able ground water resources availability plays an important role in defining the guidelines. The latest assessment of the state wise ground water resources is available at the Central Ground Water Board web site (www.cgwb.gov.in). As per the latest data available on the CGWB website, following blocks of Distt Jalandhar has been notified for control and regulation in Ground Water:-

Sr. No.	Place/block/Mandal/Taluka	Date of Notification
1.	Jalandhar-1	27.11.2012
2.	Jalandhar-2	27.11.2012
3.	Bhogpur	27.11.2012
4.	Phillaur	27.11.2012
5.	Nurmahal	27.11.2012
6.	Rurka Kalan	27.11.2012
7.	Nakodar	13.8.2011
8.	Shahkot	13.8.2011
9.	Lohian	13.8.2011

Forest Coverage

There are 09 open Forest and 01 Moderate dense forest in Jalandhar District. There is no vary dense forest exists in Distt. Jalandhar. Only 0.38% of total gross area of Distt. Jalandhar is covered under forest.

Geography & Demography

The topography of the Jalandhar is typical representative of an Alluvial plain, it owes its origin to the aggravation work of the Sutlej River. The alluvium deposited by the river has been worked over by the wind which gave rise to a number of small dunes and sand mounds. Most

of these dunes have been leveled by the brave hard-working agriculturists of the district.

Land Use Pattern

The master plan of Jalandhar has been finalized and notified by the country & Town planning Department, Punjab. Further, the Country & Town Planning Department, Punjab.

Climate

The climate of the Jalandhar is characterized by dryness except a brief spell of monsoon season in a very hot summer and a bracing winter. The winter season is from middle of November to the early part of March. The succeeding period up-to the end of June is the hot season. July, August and half of September constitute the south west of monsoon, the period of mid-September to about the middle of November may be termed as post monsoon or transitional period. June is generally the hottest month. Hot and scorching dust laden winds blow during summer season. December & January are the coldest months. The mean daily temperature varies in the range of 5°C to 41°C.

2.0 Management of Various Waste Management Rules

(i) Solid Waste Management

a. Current status related to solid Wastemanagement

Sr No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated (MTD)
1	Municipal Corporation, Jalandhar	80	195000	1086159	425.00
2	Municipal Council Kartarpur	15	5650	27723	7.00
3	Municipal Council Nurmahal	13	3811	14561	4.00
4	Municipal Council Alawalpur	11	1952	9760	1.75
5	Municipal Council Adampur	13	4078	20922	3.10
6	Municipal Council Goraya	13	3592	16466	6.00
7	Municipal Council Phillaur	15	4852	24688	11.00

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8	Municipal Council Nakodar	17	7814	36973	8.00
9	Municipal Council, Bhogpur	13	3130	12815	4.00
10	Nagar panchayat, Bilga	13	3083	12000	4.00
11	Nagar Panchayat, Lohian Khas	13	1845	10362	4.28
12	Nagar Panchayat, Shahkot	13	3182	14488	4.32
13	Nagar Panchayat, Mehatpur	13	3505	14500	4.00

Sr No.	Name of the Contonment Board	No. of Wards	No of Households	Population	Solid Waste Generated (MTD)
1	Jalandhar Cantt	07	3962	47845	20

Sr No.	Rural Area	No of Village panchayats/Blocks	No of Households	Population	Solid Waste Generated (MTD)
1	Block /Taluk / Mandal Tehsils	11	213482	1032419	309.72
2	Village/Gram Panchayats	890	213482	1032419	309.72

b. Identification of gaps and Actionplan:

Municipal Corporation, Jalandhar

Sr. No	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	50 % in all wards	IEC activities in all wards will be carried out with the help of CFs and motivators. All Colleges, Schools, Universities, NGOs, RWAs, sMarket associations etc. will be involved to achieve the target of 100%.	MC, Jalandhar	31.12.2021

2	Sweeping				
(i)	Manual Sweeping	No Gap	As per instructions twice a day sweeping is being done manually by MC safai karamcharies.	MC, Jalandhar	Regular activity and is being complied with
	a) Sprinkling of water	No Gap	As per instructions treated water from STPs is being sprinkled before sweeping.	MC, Jalandhar	Regular activity and is being complied with
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	No Gap	Adequate motorized water tanks are available for this purpose.	MC, Jalandhar	Regular activity and is being complied with
(ii)	Mechanical Road Sweeping & Collection	No Gap	There are 02 road sweeping machines available and main central verge roads are being swept with them regularly.	MC, Jalandhar	Regular activity and is being complied with
3	Waste Collection				
(i)	100% collection of solid waste	Gap = 5%	IEC activities and awareness programmes will be carried out to achieve 100 % efficiency.	MC, Jalandhar	31.12.2021
(ii)	Arrangement for door to door collection	Gap = 5%.	Survey will be carried out from the wards for the areas which are not covered for D to D Collection.	MC, Jalandhar	31.12.2021
(iii)	Waste Collection trolleys with separate compartments	No gap	Existing 12 are available which are adequate.	MC, Jalandhar	NR
(iv)	Mini Collection Trucks with separate compartments	No gap	30 e-rickshaws and 260 rehra rickshaws are already available which are adequate.	MC, Jalandhar	NR
(v)	Waste Deposition centres (for domestic hazardous wastes)	There is no alternate arrangement for collection of domestic hazardous waste.	At present, this waste is being collected from D to D alongwith Solid Waste. The domestic hazardous waste is biomedical waste only. An agreement will be made with authorized BMW agency authorized by PPCB.	MC, Jalandhar	31.12.2021

4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Shortage of small vehicles of 2.2 m ³ capacity.	A DPR is being prepared under smart city project for ABD area and for whole city also.	MC, Jalandhar	31.03.2022
	a) Nos of vehicles required	62	To be procured with smart city funds		
	b) Source of funding for adequate nos of vehicles for collection and transportation.	Smart City Funds	Already available		
	c) GPS enabled vehicles	Proposed new 62 vehicles will be with GPS	-		
(ii)	Bulk Waste Trucks	No separate trucks are available.	Survey will be done to find the no. of separate trucks required for BWGs	MC, Jalandhar	31.12.2021
(iii)	Waste Transfer points	30 points are available which are adequate.	Flooring, boundary walls, gates and beautification and plantation has been planned to give good aesthetic look.	MC, Jalandhar	31.12.2021
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	54 BWG's have been identified for on site composting.	Action for getting on site composting plants have been started.	MC, Jalandhar	31.03.2022
(ii)	Wet-waste Management:				
	Facility(ies) for central Biomethanation	No plant of bio-methanation has been installed.	No proposal is there for Biomethanation	MC, Jalandhar	-
	For composting of wet waste				
	a) Total nos. of compost pits required	524	As per instructions, pits construction is under process.	MC, Jalandhar	31.03.2022
	b) Nos. of compost pits available at present.	186			
	c) Gap in compost pits	338			
	d) Source of funding	SBM/15 th FC			

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(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction a) Source of funding	07 more MRFs are required SBM	Work order already placed for new MRFs. End to end system will be created for use of dry waste at MRFs.	MC, Jalandhar	31.03.2022
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	01 sanitary landfill site is required.	Estimate of Rs 9.17 lakhs allotted for sanitary landfill at Wariyana.	MC, Jalandhar	31.03.2022
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation of old dumpsite required. 8 lakh m ³ Nil 8 lakh m ³ Construction strated Green belt will be provided after completion of civil work. Gap = 100 % Gap = 100 % Smart city project	Work order has been given for remediation for old dump site. Will be completed by 31.03.2022 Will be completed by 30.10.2022 Will be completed by 31.03.2024 Planned alongwith Biominning and will be completed by 31.03.2024.	MC, Jalandhar	31.03.2024 (Work will be started by March 2022 and will be completed within 24 months)
(vi)	Involvement of NGOs	No gap, 3CFs & motivators are working on it.	Already NGOs have already been involved for the IEC activites as per the guidelines of SBM and Govt. instructions.	MC, Jalandhar	Regular activity

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(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There are 07 Brand owners identified in the District.	All producers/brand owners or their PROs will be linked for collection of plastic waste	Punjab Pollution Control Board	31.03.2022
(viii)	Authorization of Waste Pickers	No gap	Survey already done as per guidelines of SWM rules 2016	MC, Jalandhar	Already completed
(ix)	Preparation of own by-laws to comply with SWM Rules 2016.	No gap	a) Preparation of by laws: Yes b) Implementation of by laws: Yes	MC, Jalandhar	Already completed
(X)	Prevention of solid waste into drains and ponds	Gap = 100%	Action will be taken under smart city project MCJ	MC, Jalandhar	31.03.2022

Municipal Council, Kartarpur

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 90% Gap – 10%	Awareness through IEC activities for 100% segregation at source	MC, Kartarpur	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Kartarpur	Regular Activity
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Kartarpur	Regular activity
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles	MC, Kartarpur	Regular activity

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(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycles	MC, Kartarpur	Regular activity
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centres (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Kartarpur	Yet to be finalized
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Tricycles and Tractor-trolley and Tata Ace is available for waste transportation.	Work is under process for purchase of 20 more tricycles	MC, Kartarpur	31.12.2021
	a) Nos of vehicles required	20 Tricycles			
	b) Source of funding	SBM			
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from household/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	10 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	MC, Kartarpur	31.12.2021

(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same d) Source of funding	No plant of bio-methanation has been installed. 39 34 05 SBM	No proposal is there for Biomethanation As per instructions, pits construction is under process.	MC, Kartarpur	31.03.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Kartarpur	Already completed
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Land fill	No sanitary land fill site is available. Inert and non-recyclable waste is still being sent to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Kartarpur	31.12.2021

(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation of existing waste of dumpsite is required. 150 Ton 5% 95% Not provided yet Not provided yet Not provided yet Not provided yet SBM	Remediation will be started soon after getting electricity connection. Electricity Connection has been applied.	MC, Kartarpur	31.03.2022
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Kartarpur	31.12.2021

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(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	Yes	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Kartarpur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented	MC, Kartarpur	-
(X)	Prevention of solid waste into drains and ponds	No water body exists in the jurisdiction of ULB.	NR	NA	NA

Municipal Council, Nurmahal

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 90% Gap – 10%	Awareness through IEC activities for 100% segregation at source	MC, Nurmahal	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Nurmahal	Regular Activity
	a) Sprinkling of water	Gap = 100%	Tie up with nearest GLADA STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				

District Environment Plan Jalandhar

(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Nurmahal	Regular activity
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles	MC, Nurmahal	Regular activity
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycles	MC, Nurmahal	Regular activity
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Nurmahal	Yet to be finalized
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	13 Tricycles,02 Tractor-trolley and 01 Tata Ace is available for waste transportation.	Proposal made for 16 more compartmentalized tricycles for D to D collection and some old are proposed to repair.	MC, Nurmahal	31.12.2021
	a) Nos of vehicles required	16 Tricycles			
	b) Source of funding	SBM			
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	10 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	MC, Nurmahal	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same d) Source of funding	No plant of bio-methanation has been installed. 39 34 05 SBM	No proposal is there for Biomethanation As per instructions, pits construction is under process.	MC, Nurmahal	31.03.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Nurmahal	Already completed
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still being sent to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Nurmahal	31.12.2021

(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation of existing waste of dumpsite is required. 1200 Ton 10% 90% Not provided yet Provided Not provided yet Not provided yet SBM	Remediation will be started soon.	MC, Nurmahal	31.03.2022
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Nurmahal	31.12.2021

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(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	Yes, 13 waste pickers have been identified and all have been given masks and gloves by MC Nurmahal	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Nurmahal	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes, Implementation of by laws: - Being implemented	MC, Nurmahal	-
(X)	Prevention of solid waste into drains and ponds	No Gap	-	MC, Nurmahal	Regular Activity

Municipal Council, Alawalpur

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 78% Gap – 22%	Awareness through IEC activities for 100% segregation at source	MC, Alawalpur	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Alawalpur	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA

3 Waste Collection					
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Alawalpur	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC, Alawalpur	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC, Alawalpur	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Alawalpur	Yet to be finalized
4. Waste Transport					
(i)	Review existing infrastructure for waste Transport. a) Nos of vehicles required b) Source of funding	11 Tricycles, 02 Tractor-trolley and 01 Tata Ace is available for waste transportation. 07 Tricycles SBM	Proposal made for 07 more compartmentalized tricycles for door to door collection. Resolution to be passed.	MC, Alawalpur	31.12.2021
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	There is no bulk waste generators	NR	NA	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same d) Source of funding	No plant of bio-methanation has been installed. 12 12 0 SBM	No proposal is there for Biomethanation	MC, Alawalpur	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Alawalpur	Already completed
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still being send to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Alawalpur	31.12.2021
(v)	Remediation of historic / legacy dumpsite i) Total Quantity of legacy waste present at site. j) Quantity of legacy waste for which remediation completed	Remediation of existing waste of dumpsite is required. 650 Ton 5%	Remediation will be started soon after getting electricity connection. Electricity Connection has been applied.	MC, Alawalpur	31.12.2021

	<p>k) Quantity of legacy waste left for remediation</p> <p>l) Boundary wall status at dump site alongwith timelines if not completed yet</p> <p>m) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>n) Treatment of leachate generated from the legacy waste dumpsite</p> <p>o) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste</p> <p>p) Sources of funding</p>	<p>95%</p> <p>Provided</p> <p>Provided</p> <p>Not provided yet</p> <p>Not provided yet</p> <p>SBM</p>			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Alawalpur	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	Yes	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Alawalpur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented	MC, Alawalpur	Already completed
(X)	Prevention of solid waste into drains and ponds	No Gap	Ponds are being cleaned manually from time to time	MC, Alawalpur	Regular Activity

Municipal Council Adampur

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 79% Gap – 21%	Awareness through IEC activities for 100% segregation.	MC. Adampur	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC. Adampur	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC. Adampur	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC. Adampur	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC. Adampur	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA

(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC. Adampur	Yet to be finalized
4. Waste Transport					
(i)	Review existing infrastructure for waste Transport. a) Nos of vehicles required b) Source of funding	19 Tricycles, 02 Tractor-trolley and 01 Tata Ace is available for waste transportation. 05 Tata Ace SBM	Resulation for purchase of 05 more Tata Ace is passed by MC Adampur	MC. Adampur	31.03.2022
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA
5 Waste Treatment and Disposal					
(i)	Wet-waste Management: On-site composting by bulk waste generators	There is no bulk waste generators	NR	NA	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. e) Total nos. of compost pits required f) Nos. of compost pits available	No plant of bio-methanation has been installed. 24 24	No proposal is there for Biomethanation	MC. Adampur	Already completed

	<p>at present.</p> <p>g) Gap and timelines for completing the same</p> <p>h) Source of funding</p>	<p>0</p> <p>SBM</p>			
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC. Adampur	Already completed
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC. Adampur	31.12.2021
(v)	<p>Remediation of historic / legacy dumpsite</p> <p>a) Total Quantity of legacy waste present at site.</p> <p>b) Quantity of legacy waste for which remediation completed</p> <p>c) Quantity of legacy waste left for remediation</p> <p>d) Boundary wall status at dump site alongwith timelines if not completed yet</p> <p>e) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>f) Treatment of leachate</p>	<p>Remediation of existing waste of dumpsite is required.</p> <p>650 Ton</p> <p>5%</p> <p>95%</p> <p>Provided</p> <p>Provided</p>	<p>Remediation will be started soon after getting electricity connection. Electricity Connection has been applied.</p>	MC. Adampur	31.12.2021

	generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Not provided yet Not provided yet SBM			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC. Adampur	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	Yes	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC. Adampur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Prepration of by laws: - Yes Implementation of by laws: - Being implemented	MC. Adampur	Already completed
(X)	Prevention of solid waste into drains and ponds	There is no drain/ponds in its jurisdiction.	NR	NA	NA

Municipal Council Goraya

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 76% Gap – 24%	Awareness through IEC activities for 100% segregation.	MC Goraya	31.12.2021
2	Sweeping				
(i)	Manual Sweeping a) Sprinkling of water b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = Nil Gap = 100% Gap = 100%	100% manual sweeping being done. Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.	MC Goraya	Already completed 31.03.2022 31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC Goraya	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC Goraya	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC Goraya	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC Goraya	Yet to be finalized

		collected with dry waste as yet.			
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport. a) Nos of vehicles required b) Source of funding	13 Tricycles, 02 Tractor-trolley and 01 Tata Ace is available for waste transportation. 08 Tricycles SBM	Prpoosal made for purchase of 08 more compartmentalized Tricycles and repair of existing infrasacture	MC Goraya	31.03.2022
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	There is no bulk waste generators	NR	NA	NA
(ii)	Wet-waste Management: Facility(ies) for centralBiomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same d) Source of funding	No plant of bio-methanation has been installed. 24 24 0 SBM	No proposal is there for Biomethanation	MC Goraya	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC Goraya	Already completed

(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC Goraya	31.12.2021
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation of existing waste of dumpsite is required. 500 Ton 5% 95% Not Provided yet Provided Not provided yet Not provided yet SBM	Remediation will be started soon after getting electricity connection. Electricity Connection has been applied.	MC Goraya	31.12.2021

District Environment Plan Jalandhar

(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC Goraya	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	Yes	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC Goraya	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	MC Goraya	Already completed
(X)	Prevention of solid waste into drains and ponds	No Gap	Continuous action under process.	MC Goraya	Regular Activity

Municipal Council, Phillaur

Sr. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 80% Gap – 20%	Awareness through IEC activities for 100% segregation	MC, Phillaur	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Phillaur	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA

3 Waste Collection					
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Phillaur	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC, Phillaur	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC, Phillaur	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Phillaur	Yet to be finalized
4. Waste Transport					
(i)	Review existing infrastructure for waste Transport. a) Nos of vehicles required b) Source of funding	15 Tricycles, 02 Tractor-trolley and 01 Tata Ace is available for waste transportation. 15 Tricycles, 01 Tractor Trolley and 01 Tata Ace SBM	Prpoosal made for purchase of 15 more compartmentalized Tricycles and repair of existing infrasacture	MC, Phillaur	31.12.2022
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	01 BWG have been identified for on site composting	Action for getting on site composting plants have been started.	NA	NA
(ii)	Wet-waste Management: Facility(ies) for centralBiomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same	No plant of bio-methanation has been installed. 37 37 0	No proposal is there for Biomethanation	MC, Phillaur	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Phillaur	Already completed
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Phillaur	31.12.2021
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left	Remediation of existing waste of dumpsite is required. 150 Ton 5% 95%	Remediation has been started at site.	MC, Phillaur	31.12.2022

	<p>for remediation</p> <p>d) Boundary wall status at dump site alongwith timelines if not completed yet</p> <p>e) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>f) Treatment of leachate generated from the legacy waste dumpsite</p> <p>g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste</p> <p>h) Sources of funding</p>	<p>Not Provided yet</p> <p>Provided</p> <p>Not provided yet</p> <p>Not provided yet</p> <p>SBM</p>			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Phillaur	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There are 02 brand owners.	Action will be initiated soon	MC, Phillaur	31.03.2022
(viii)	Authorization of Waste Pickers	No Gap	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Phillaur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Prepration of by laws: - Yes Implementation of by laws: - Being implemented.	MC, Phillaur	Already completed
(X)	Prevention of solid waste into drains and ponds	100% Gap	Action will be initiated soon	MC, Phillaur	Regular Activity

Municipal Council, Nakodar

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 86% Gap – 14%	Awareness through IEC activities for 100% segregation	MC, Nakodar	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Nakodar	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Nakodar	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC, Nakodar	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC, Nakodar	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Nakodar	Yet to be finalized

4. Waste Transport					
(i)	Review existing infrastructure for waste Transport.	34 Tricycles, 03 Tractor-trolley, 02 e-richaws- and 01 Tata Ace is available for waste transportation which are adequate. Nil	NR	MC, Nakodar	Already achieved
	a) Nos of vehicles required				
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Gap = Nil	01 waste transfer point is there. However, most of the waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA
5 Waste Treatment and Disposal					
(i)	Wet-waste Management: On-site composting by bulk waste generators	10 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	MC, Nakodar	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for centralBiomethanation For composting of wet waste.	No plant of bio-methanation has been installed.	No proposal is there for Biomethanation	MC, Nakodar	Already completed
	a) Total nos. of compost pits required	44			
	b) Nos. of compost pits available at present.	44			
	c) Gap and timelines for completing the same	0			

(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Nakodar	Already completed
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Nakodar	31.12.2021
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-	Remediation of existing waste of dumpsite is required. 1600 Ton 10% 90% Provided Provided Not provided yet Not provided yet	Remediation has been started at site.	MC, Nakodar	31.12.2022

	remediation of legacy waste h) Sources of funding	SBM			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Nakodar	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	No Gap	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Nakodar	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	MC, Nakodar	Already completed
(X)	Prevention of solid waste into drains and ponds	100% Gap	Action will be initiated soon	MC, Nakodar	Regular Activity

Municipal Council, Bhogpur

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 95% Gap – 05%	Awareness through IEC activities for 100% segregation	MC, Bhogpur	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	MC, Bhogpur	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022

(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3 Waste Collection					
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	MC, Bhogpur	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	MC, Bhogpur	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	MC, Bhogpur	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	MRF Shed is Available for dry waste. Hazardous waste is also being collected with dry waste as yet.	Dry waste is managed in MRF shed. Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	MC, Bhogpur	Yet to be finalized
4. Waste Transport					
(i)	Review existing infrastructure for waste Transport.	20 Tricycles, 02 Tractor-trolley and 03 Tata Ace is available for waste transportation which are adequate.	NR	MC, Bhogpur	Already achieved
	a) Nos of vehicles required	Nil			
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA

(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	03 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	MC, Bhogpur	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same	No plant of bio-methanation has been installed. 29 29 0	No proposal is there for Biomethanation	MC, Bhogpur	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap	There is one MRF for dry waste which is adequate.	MC, Bhogpur	Already completed
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	MC, Bhogpur	31.12.2021

(v)	Remediation of historic / legacy dumpsite i) Total Quantity of legacy waste present at site. j) Quantity of legacy waste for which remediation completed k) Quantity of legacy waste left for remediation l) Boundary wall status at dump site alongwith timelines if not completed yet m) Green Belt status at dump site alongwith timelines if not completed yet n) Treatment of leachate generated from the legacy waste dumpsite o) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste p) Sources of funding	Remediation of existing waste of dumpsite is required. 10800 MT 25% 75% Provided Provided Not provided yet Not provided yet SBM	Remediation has been started at site.	MC, Bhogpur	31.12.2021
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	MC, Bhogpur	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA

District Environment Plan Jalandhar

(viii)	Authorization of Waste Pickers	No Gap	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	MC, Bhogpur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	MC, Bhogpur	Already completed
(X)	Prevention of solid waste into drains and ponds				

Nagar Panchayat, Bilga

Sr. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 100% Gap – 0%	Awareness through IEC activities for 100% segregation	NP, Bilga	Already completed
2	Sweeping				
(i)	Manual Sweeping a) Sprinkling of water b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = Nil Gap = 100% Gap = 100%	100% manual sweeping being done. Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.	NP, Bilga	Already completed 31.03.2022 31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	NP, Bilga	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	NP, Bilga	Already completed

(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	NP, Bilga	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	Hazardous waste is also being collected with dry waste as yet.	Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	NP, Bilga	Yet to be finalized
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport. b) Nos of vehicles required	12 Tricycles, 01 Tractor-trolley and 01 Tata Ace is available for waste transportation which are adequate. Nil	NR	NP, Bilga	Already achieved
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from household/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	There is no BWG's in the jurisdiction of ULB	NR	NA	NA

(ii)	<p>Wet-waste Management: Facility(ies) for central Biomethanation</p> <p>For composting of wet waste.</p> <p>a) Total nos. of compost pits required</p> <p>b) Nos. of compost pits available at present.</p> <p>c) Gap and timelines for completing the same</p>	<p>No plant of bio-methanation has been installed.</p> <p>16</p> <p>16</p> <p>0</p>	<p>No proposal is there for Biomethanation</p>	<p>NP, Bilga</p>	<p>Already completed</p>
(iii)	<p>Dry-Waste Management: Material Recovery for dry-waste fraction</p>	<p>No Gap</p>	<p>There is one MRF for dry waste which is adequate.</p>	<p>NP, Bilga</p>	<p>Already completed</p>
(iv)	<p>Disposal of inert and non- recyclable wastes: Sanitary Landfill</p>	<p>No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.</p>	<p>Action plan has been made for SLF. Site has been identified and it will be constructed soon</p>	<p>NP, Bilga</p>	<p>31.12.2022</p>
(v)	<p>Remediation of historic / legacy dumpsite</p> <p>q) Total Quantity of legacy waste present at site.</p> <p>r) Quantity of legacy waste for which remediation completed</p> <p>s) Quantity of legacy waste left for remediation</p> <p>t) Boundary wall status at dump site alongwith timelines if not completed yet</p>	<p>Remediation of existing waste of dumpsite is required.</p> <p>200 Ton</p> <p>25%</p> <p>75%</p> <p>Not Provided yet</p>	<p>Remediation has been started at site.</p>	<p>NP, sBilga</p>	<p>31.12.2022</p>

	<p>u) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>v) Treatment of leachate generated from the legacy waste dumpsite</p> <p>w) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste</p> <p>x) Sources of funding</p>	<p>Provided</p> <p>Not provided yet</p> <p>Not provided yet</p> <p>SBM</p>			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	NP, Bilga	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	No Gap	<p>a) Identification of waste pickers: Yes</p> <p>b) Registration for waste pickers: Yes</p>	NP, Bilga	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Prepration of by laws: - Yes Implementation of by laws: - Being implemented.	NP, Bilga	Already completed
(X)	Prevention of solid waste into drains and ponds	Yes			

Nagar Panchayat, Lohian Khas

S. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 75% Gap – 25%	Awareness through IEC activities for 100% segregation	NP, Lohian Khas	31.12.2021
2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	NP, Lohian Khas	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	NP, Lohian Khas	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	NP, Lohian Khas	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	NP, Lohian Khas	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	Hazardous waste is also being collected with dry waste as yet.	Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	NP, Lohian Khas	Yet to be finalized

4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	13 Tricycles, 01 Tractor-trolley and 01 Tata Ace is available for waste transportation	Proposal is being made for getting the required infrastructure	NP, Lohian Khas	31.03.2022
	a) Nos of vehicles required	10 Tricycles, 01 Tractor-trolley and 01 Tata Ace			
	b) Source of funding	SBM			
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from household/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	08 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	NP, Lohian Khas	31.12.2021

(ii)	<p>Wet-waste Management: Facility(ies) for central Biomethanation</p> <p>For composting of wet waste.</p> <p>a) Total nos. of compost pits required</p> <p>b) Nos. of compost pits available at present.</p> <p>c) Gap and timelines for completing the same</p> <p>d) Source of funding</p>	<p>No plant of bio-methanation has been installed. A temporary MRF is functional</p> <p>16</p> <p>05</p> <p>11 compost pits & 01 permanent MRF</p> <p>SBM</p>	<p>No proposal is there for Biomethanation</p> <p>Constriction of remaining compost pits and for 01 MRF has already started</p>	<p>NP, Lohian Khas</p>	<p>31.03.2022</p>
(iii)	<p>Dry-Waste Management: Material Recovery for dry-waste fraction</p>	<p>At present dry waste is being sent to secondary storage point until the constrction of permanent MRF</p>	<p>constrction of permanent 01 MRF has already started</p>	<p>NP, Lohian Khas</p>	<p>Already completed</p>
(iv)	<p>Disposal of inert and non- recyclable wastes: Sanitary Landfill</p>	<p>No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.</p>	<p>Action plan has been made for SLF. Site has been identified and it will be constructed soon</p>	<p>NP, Lohian Khas</p>	<p>31.12.2022</p>
(v)	<p>Remediation of historic / legacy dumpsite</p> <p>a) Total Quantity of legacy waste present at site.</p>	<p>Remediation of existing waste of dumpsite is required.</p> <p>4000 Ton</p>	<p>Remediation has not been started as yet as mechanical separator is required. Work will be started after getting the same.</p>	<p>NP, Lohian Khas</p>	<p>31.12.2022</p>

	<p>b) Quantity of legacy waste for which remediation completed</p> <p>c) Quantity of legacy waste left for remediation</p> <p>d) Boundary wall status at dump site alongwith timelines if not completed yet</p> <p>e) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>f) Treatment of leachate generated from the legacy waste dumpsite</p> <p>g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste</p> <p>h) Sources of funding</p>	<p>0%</p> <p>100%</p> <p>Not Provided yet</p> <p>Provided</p> <p>Not provided yet</p> <p>Not provided yet</p> <p>SBM</p>			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	NP, Lohian Khas	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	No Gap	<p>a) Identification of waste pickers: Yes</p> <p>b) Registration for waste pickers: Yes</p>	NP, Lohian Khas	Regular Activity

(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	NP, Lohian Khas	Already completed
(X)	Prevention of solid waste into drains and ponds	Yes			

Nagar Panchayat Shahkot

Sr. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 65% Gap – 35%	Awareness through IEC activities for 100% segregation	NP, Shahkot	31.12.2021
2	Sweeping				
(i)	Manual Sweeping a) Sprinkling of water b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = Nil Gap = 100% Gap = 100%	100% manual sweeping being done. Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.	NP, Shahkot	Already completed 31.03.2022 31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	NP, Shahkot	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	NP, Shahkot	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	NP, Shahkot	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA

(v)	Waste Deposition centers (for domestic hazardous wastes)	Hazardous waste is also being collected with dry waste as yet.	Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	NP, Shahkot	Yet to be finalized
4. Waste Transport					
(i)	Review existing infrastructure for waste Transport.	13 Tricycles, 03 Tractor-trolley and 01 Tata Ace is available for waste transportation which are adequate	NR	NA	NA
	a) Nos of vehicles required	Nil			
(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from house holds/commercial places.	NA	NA
5 Waste Treatment and Disposal					
(i)	Wet-waste Management: On-site composting by bulk waste generators	09 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	NP, Shahkot	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation	No plant of bio-methanation has been installed.	No proposal is there for Biomethanation		
	For composting of wet waste.	No MRF is there at present. 01 MRF is required			
	a) Total nos. of compost pits required	22			
	b) Nos. of compost pits available at present.	22			

	<p>c) Gap and timelines for completing the same</p> <p>d) Source of funding</p>	<p>01 MRF</p> <p>SBM</p>	<p>Constriction for 01 MRF has already started</p>	<p>NP, Shahkot</p>	<p>31.03.2022</p>
(iii)	<p>Dry-Waste Management: Material Recovery for dry-waste fraction</p>	<p>At present dry waste is being sent to secondary storage point until the constrction of permanent MRF</p>	<p>constrction of permanent 01 MRF has already started</p>	<p>NP, Shahkot</p>	<p>Already completed</p>
(iv)	<p>Disposal of inert and non- recyclable wastes: Sanitary Landfill</p>	<p>No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.</p>	<p>Action plan has been made for SLF. Site has been identified and it will be constructed soon</p>	<p>NP, Shahkot</p>	<p>31.12.2022</p>
(v)	<p>Remediation of historic / legacy dumpsite</p> <p>a) Total Quantity of legacy waste present at site.</p> <p>b) Quantity of legacy waste for which remediation completed</p> <p>c) Quantity of legacy waste left for remediation</p> <p>d) Boundary wall status at dump site alongwith timelines if not completed yet</p> <p>e) Green Belt status at dump site alongwith timelines if not completed yet</p> <p>f) Treatment of leachate</p>	<p>Remediation of existing waste of dumpsite is required.</p> <p>2000 Ton</p> <p>0%</p> <p>100%</p> <p>Provided</p> <p>Provided</p> <p>Not provided yet</p>	<p>Remediation has not been started as yet as mechanical separator is required. Work will be started after getting the same.</p>	<p>NP, Shahkot</p>	<p>31.12.2022</p>

	generated from the legacy waste dumpsite g) Disposal Mechanism for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Not provided yet SBM			
(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	NP, Shahkot	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	No Gap	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	NP, Shahkot	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	NP, Shahkot	Already completed
(X)	Prevention of solid waste into drains and ponds	Yes			

Nagar Panchayat, Mehatpur

Sr. No.	Action points	Gap	Action Plan	Responsible agencies	Timeline
1.	Segregation				
(i)	Segregation of waste at source	Segregation – 90% Gap – 10%	Awareness through IEC activities for 100% segregation	NP, Mehatpur	31.12.2021

2	Sweeping				
(i)	Manual Sweeping	Gap = Nil	100% manual sweeping being done.	NP, Mehatpur	Already completed
	a) Sprinkling of water	Gap = 100%	Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.		31.03.2022
	b) Arrangement for usage of treated water of STP for sprinkling purpose.	Gap = 100%			31.03.2022
(ii)	Mechanical Road Sweeping & Collection	Not required being a small town	NR	NA	NA
3	Waste Collection				
(i)	100% collection of solid waste	No Gap	100% D to D collection of solid waste	NP, Mehatpur	Already completed
(ii)	Arrangement for door to door collection	No Gap	100% D to D waste collection daily with compartmentalized Tricycles & Tata Ace	NP, Mehatpur	Already completed
(iii)	Waste Collection trolleys with separate compartments	No Gap	100% D to D waste collection daily with compartmentalized Tricycle & Tata Ace	NP, Mehatpur	Already completed
(iv)	Mini Collection Trucks with separate compartment	There is no use of trucks being small ULB.	NR	NA	NA
(v)	Waste Deposition centers (for domestic hazardous wastes)	Hazardous waste is also being collected with dry waste as yet.	Awareness campaign through IEC activities for separate collection of hazardous waste after assured arrangement.	NP, Mehatpur	Yet to be finalized
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	13 Tricycles, 02 Tractor-trolley and 01 Tata Ace is available for waste transportation	Action to be initiated soon for purchasing the required infrastructure	NP, Mehatpur	31.03.2022
	a) Nos of vehicles required	16 Tricycles			
	b) Source of funding	SBM			

(ii)	Bulk Waste Trucks	No need for Bulk Trucks for waste transportation being small ULB.	NR	NA	NA
(iii)	Waste Transfer points	Not required being small ULB.	Waste is directly transported to dump site after collection from households/commercial places.	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	04 BWG's have been identified for on site composting	Action for getting on site composting plants have been started.	NP, Mehatpur	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for centralBiomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same	No plant of bio-methanation has been installed. 22 22 Nil	No proposal is there for Biomethanation	NP, Mehatpur	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	At present dry waste is being sent to secondary storage point until the construction of permanent MRF	construction of permanent 01 MRF has already started	NP, Mehatpur	Already completed

(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary land fill site is available. Inert and non-recyclable waste is still beingsend to dumpsite.	Action plan has been made for SLF. Site has been identified and it will be constructed soon	NP, Mehatpur	31.12.2022
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation of existing waste of dumpsite is required. 800 Ton 0% 100% Provided Not provided yet Not provided yet Not provided yet SBM	Remediation has not been started as yet. Work will be started after getting the electric connection.	NP, Mehatpur	31.03.2022

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(vi)	Involvement of NGOs	NGOs are involved in awareness activities	Proposed plan for involvement of ULB Staff, CF and Motivators.	NP, Mehatpur	31.12.2021
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no producer or Brand owners being a small town.	NR	NA	NA
(viii)	Authorization of Waste Pickers	No Gap	a) Identification of waste pickers: Yes b) Registration for waste pickers: Yes	NP, Mehatpur	Regular Activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap	Preparation of by laws: - Yes Implementation of by laws: - Being implemented.	NP, Mehatpur	Already completed
(X)	Prevention of solid waste into drains and ponds	Yes			

Cantonment Board

Sr. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Segregation : Yes				
(i)	Segregation of waste at source	Done 95% Gap 05%	Awareness and motivation of general public and door to door collection staff	Cantt Board Jalandhar	31.12.2021
2	Sweeping : Yes				
(i)	Manual Sweeping	No Gap 100 % manual sweeping by sanitation staff by using hand sweeping equipments and	100% manual sweeping is being done.	Cantt Board Jalandhar	31.03.2022

	<p>a) Sprinkling of water</p> <p>b) Arrangement for usage of treated water of STP for sprinkling purpose.</p>	<p>lifting of waste through vehicles.</p> <p>There is 100% coverage of town limits.</p> <p>250 strength of sweeping staff.</p> <p>PPE (Gloves, Mask, Shoes and Jacket) provided</p> <p>Gap = 100 %</p> <p>There is availability of treated water of STP for sprinkling, but supportive machinery for the same is required,</p>	<p>At present no system for sprinkling of water before sweeping is their. Proposal is being made for arranging sufficient machinery.</p>		
(ii)	Mechanical Road Sweeping & Collection	Not being done presently	Proposal for Mechanical Road Sweeping & Collection	Cantt Board Jalandhar	31.12.2022
3	Waste Collection				
(i)	100% collection of solid waste	Yes ,100% door to door collection of solid waste in Cantt Area	NR	Cantt Board Jalandhar	Already completed

(ii)	Arrangement for door to door collection	Door to door waste collectors collect waste is done twice a day with compartmentalized Tricycles & E-Rickshaws	NR	Cantt Board Jalandhar	Already completed
(iii)	Waste Collection trolleys with separate compartments	Sufficient comparatmentalized Tricycles & E-Rickshaws are available for Cantt Area	NR	Cantt Board Jalandhar	Already completed
(iv)	Mini Collection Trucks with separate compartment	Not required in Cantt Area as proper size of mechanized vehicles are available with the board for lifting of garbage	NR	Cantt Board Jalandhar	Already completed
(v)	Waste Deposition centres (for domestic hazardous wastes)	Cantt Board Jrc has setted up 02 Material Recovery Facilities Centres in Cantt Area for the purpose	NR	Cantt Board Jalandhar	Already completed
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Yes, it has been reviewed.	Proposal for replacement of 02 numbers existing garbage collection vehicles	Cantt Board Jalandhar	31.03.2022
(ii)	Bulk Waste Trucks	Sufficient Bulk Waste Trucks are available	NR	Cantt Board Jalandhar	Already completed
(iii)	Waste Transfer points	Cantt Board has 2001 Waste Transer Points and 01 MRF	01 MRF Centre has been constructed and procurement of machinery is under process	Cantt Board Jalandhar	30.09.2021

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirements as per Rules)	Onsite disposal of wet waste generated by BWG is available through aerobic pit composting method	NR	Cantt Board Jalandhar	Already completed
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation For composting of wet waste. a) Total nos. of compost pits required b) Nos. of compost pits available at present. c) Gap and timelines for completing the same	Not available Wet waste is disposed off through Onsite aerobic pit composting method at 06 locations/ decentralized facilities and windrow composting at centralized facility 50 50 No Gap	NR	Cantt Board Jalandhar	Already completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	ULB has 01 MRF Centre for management of C & D Waste, Garden Waste, domestic Dry/hazardous and sanitary hazardous waste	01 MRF Centre has also been constructed for management of plastic waste and other dry waste and procurement of machinery for the same is under process	Cantt Board Jalandhar	31.10.2021

(iv)	Disposal of inert and non- recyclable wastes: SanitaryLandfill	Sanitary landfill for disposal of inert and other non re-cyclable is available and functional at present in the UPB	NR	Cantt Board Jalandhar	Already completed
(v)	Remediation of historic / legacy dumpsite a) Total Quantity of legacy waste present at site. b) Quantity of legacy waste for which remediation completed c) Quantity of legacy waste left for remediation d) Boundary wall status at dump site alongwith timelines if not completed yet e) Green Belt status at dump site alongwith timelines if not completed yet f) Treatment of leachate generated from the legacy waste dumpsite g) Disposal Mechanisim for RDF, Bio-soil, C&D waste and inert material generated/ to be generated from Bio-remediation of legacy waste h) Sources of funding	Remediation work of historic /legacy waste at composting ground was started w.e.f. Jan 2021 &completed in last week of March 2021 Nil 12000 Ton (approx.) Nil Provided Provided (Approx 7000 plants/Trees) Disposed of by landfill method Proper mechanisim exists for recycle/reuse/sale of Bio-soil, C&D waste and inert material Cantt fund budget/15 th CFC grant.	Approx 5500 hybrid fruit trees and plants have been planted till date. Proposal for further plantation of 1500 more fruit trees is in process.	Cantt Board Jalandhar	Already completed

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(vi)	Involvement of NGOs	NGOs are involved in various sanitation activities	NR	Cantt Board Jalandhar	Already done
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	There is no industry functional in the Cantonment area	NR	Cantt Board Jalandhar	Not applicable
(viii)	Authorization of Waste Pickers	Yes. 35 Waste/Rag pickers are authorized by this Office.	NR	Cantt Board Jalandhar	Already done.
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes. The draft solid waste management bye laws in Jalandhar Cantonment have been prepared and approved by the Board, the draft has been forwarded to the Law ministry for vetting	The draft bye laws duly approved by the Law Ministry laws are awaited	Cantt Board Jalandhar/ DGDE/ Central Govt	06 Months
(X)	Prevention of solid waste into drains and ponds	Cantt area has been covered with underground sewerage system since 1986. Proper screens have been provided at various intervals to prevent solid waste in to the storm water drains. There is no pond in the Cantt Area.	NR	Cantt Board, Jalandhar	Already done

Villages/Gram Panchayats

Detail of data requirement	Measurable outcome
Total No. of Villages covered	890
No. of villages where Management of Solid Waste is being carried out	0
No. of villages where Management of Solid Waste is under process	43
No. of villages where Management of Solid Waste is yet to start	847

Sr. No	Action point	Gap and Action plan	Responsible agency	Timeline
1	Nos of villages to be covered in phase-1 LWM=38	a) Source of funding from SBM,FC & MGNREGA b) Physical Work yet to start. c) Target date for Completion of work	Department of Rural Development and Panchayat /DDPO, Jalandhar/ADC (D)	31/12/2021
2	Nos of villages to be covered in phase-2 LWM=832	a) Yet to be decided after consent of GP	Department of Rural Development and Panchayat /DDPO, Jalandhar/ADC (D)	T+6 Months

*T=Date of receiving funds

Note: The details of villages to be covered for solid waste management in phase-1 is attached as ANNEXURE-A-1

(ii) Plastic waste Management**(a) Current status related to Plastic wastemanagement-**

Sr No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day (MTD)
1	Municipal Corporation Jalandhar	60.00
2	Municipal Council Kartarpur	0.80

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3	Municipal Council Nurmahal	0.90
4	Municipal Council Alawalpur	0.02
5	Municipal Council Adampur	0.05
6	Municipal Council Goraya	0.50
7	Municipal Council Phillaur	0.75
8	Municipal Council Nakodar	2.50
9	Municipal Council Bhogpur	0.60
10	Nagar Panchayat Bilga	1.17
11	Nagar Panchayat Lohian Khas	1.20
12	Nagar Panchayat Shahkot	1.20
13	Nagar Panchayat Mehatpur	1.20

Sr no.	Cantonment Board	Plastic Waste Generated per day (MTD)
1	Jalandhar Cantonment Board	0.5

Sr No.	Local Bodies	Plastic Waste Generated per day (MTD)
1	Villages/Gram Panchayats	103.24

(b) Identification of gaps and Action plan:

Municipal Corporation, Jalandhar

S.No.	Action points	Identification of gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with efficiency of 95% in all 80 wards. However, segregation is only 50% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens. To get a survey from the wards/mohallas for the areas which are not covered for Door to Door collection.	MC, Jalandhar	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	07 more MRFs are required	Work order done and further work is under process	MC, Jalandhar	31.12.2021 (With MRF)
	a. Availability of transfer points and material recovery facility	Common 30 waste transfer points are available for both wet MSW and dry waste including plastic waste which are adequate	NR	NA	NA
	b. Involvement of informal sector / NGO	NGOs have already been involved for IEC activities as per the guidelines of Govt. as per Swach Bharat Mission	NR	NA	NA
	c. Registering wastepickers	Survey already done for identification of waste pickers as per guidelines.	Survey activity will be continued from time to time	MC, Jalandhar	Regular Activity

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	d. Linkage with PW recycler	Plastic waste is sent to recyclers by waste pickers on their own	NR	NA	NA
	e. Involvement of brand-owners	There are 07 Brand owners identified in the District.	All producers/brand owners or their PROs will be linked for collection of plastic waste	MC, Jalandhar	31.03.2022
3.	PW collection Centres	07 more MRFs are required	Work order done and will be completed soon	MC, Jalandhar.	31.12.2021
4.	Awareness and education programs implementation	No gap	IEC activities by CFs and motivators.	MC, Jalandhar	Regular activity
5.	Access to Plastic Waste Disposal Facilities	No facility available. Agreement required with designated agency	As per guidelines, agreement will be done	MC, Jalandhar	31.10.21

Municipal Council, Kartarpur

Sr No.	Action points	Identification of gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 90% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Kartarpur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility		Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Kartarpur	30.11.2021
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point/MRF	NR	NA	NA

	<p>b. Involvement of informal sector / NGO</p> <p>c. Registering wastepickers</p> <p>d. Linkage with PW recyclers</p>	<p>shed which is adequate as it is a small ULB.</p> <p>NGOs are involved in awareness activities for 3R</p> <p>Waste pickers are registered.</p> <p>At present plastic waste is sent to recyclers by waste pickers on their own</p>	<p align="center">-</p> <p>Survey activity will be carried out from time to time.</p> <p>Agreement has been signed with Shakti Plastic and further process will be started soon</p>	<p>MC, Kartarpur</p> <p>MC, Kartarpur</p> <p>MC, Kartarpur</p>	<p>Regular Activity</p> <p>Regular Activity</p> <p>31.12.2021</p>
3.	PW collection Centres	There is 1 MRF where ULB send plastic waste and have made Bails.	Agreement with Shakti Plastic has been signed and will be approached for further process.	MC, Kartarpur	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Kartarpur	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	MC, Kartarpur	31.12.2021

Municipal Council, Nurmahal

S.No.	Action points	Identification of gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	D to D collection along with MSW with 100% efficiency in all wards. However, segregation is only 90% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Nurmahal	31.12.2021

<p>2.</p>	<p>Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility</p> <p>a. Availability of transfer points and material recovery facility</p> <p>b. Involvement of informal sector / NGO</p> <p>c. Registering wastepickers</p> <p>d. Linkage with PW recyclers</p>	<p>Waste is being sent to Secondary storage point/MRF shed which is adequate as it is a small ULB.</p> <p>NGOs are involved in awareness activities for 3R</p> <p>Waste pickers are registered.</p> <p>At present plastic waste is sent to recyclers by waste pickers on their own</p>	<p>Agreement has been signed with Shakti Plastic and further process will be started soon</p> <p>NR</p> <p>-</p> <p>Survey activity will be carried out from time to time.</p> <p>Agreement has been signed with Shakti Plastic and further process will be started soon</p>	<p>MC, Nurmahal</p> <p>NA</p> <p>MC, Nurmahal</p> <p>MC, Nurmahal</p> <p>MC, Nurmahal</p>	<p>30.11.2021</p> <p>NA</p> <p>Regular Activity</p> <p>Regular Activity</p> <p>31.12.2021</p>
<p>3.</p>	<p>PW collection Centres</p>	<p>There is 01 MRF where ULB send plastic waste and a temporary centre is established in ULB office.</p>	<p>Agreement with Shakti Plastic has been signed and will be approached for further process.</p>	<p>MC, Nurmahal</p>	<p>31.12.2021</p>
<p>4.</p>	<p>Awareness and education programs implementation</p>	<p>Regular IEC activities are being done to aware public for 3R.</p>	<p>Regular awareness movements/campaigns are in progress.</p>	<p>MC, Nurmahal</p>	<p>Regular Activity</p>
<p>5.</p>	<p>Access to Plastic Waste Disposal Facilities</p>	<p>Local public involvement is being assured until other implementation is being assured.</p>	<p>Agreement with Shakti Plastics, for collection has been signed and will be approached for further process</p>	<p>MC, Nurmahal</p>	<p>31.12.2021</p>

Municipal Council Alawalpur

Sr. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 78% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Alawalpur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility a. Availability of transfer points and material recovery facility b. Involvement of informal sector / NGO c. Registering wastepickers d. Linkage with PW recyclers	Waste is being sent to Secondary storage point/MRF shed which is adequate as it is a small ULB. NGOs are involved in awareness activities for 3R Waste pickers are registered. At present plastic waste is sent to recyclers by waste pickers on their own	Agreement has been signed with Shakti Plastic and further process will be started soon NR - Survey activity will be carried out from time to time. Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Alawalpur NA MC, Alawalpur MC, Alawalpur MC, Alawalpur	30.11.2021 NA Regular Activity Regular Activity 31.12.2021
3.	PW collection Centres	There is 01 MRF where ULB send plastic waste and a centre is established at Pandori Mehtman.	Agreement with Shakti Plastic has been signed and will be approached for further process.	MC, Alawalpur	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Alawalpur	Regular Activity

5. Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	MC, Alawalpur	31.12.2021
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Municipal Council Adampur

S.No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 79% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Adampur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility		Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Adampur	30.11.2021
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point/MRF shed which is adequate as it is a small ULB.	NR	NA	NA
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	MC, Adampur	Regular Activity
	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	MC, Adampur	Regular Activity
	d. Linkage with PW recyclers	At present plastic waste is sent to recyclers by waste pickers on their own	Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Adampur	31.12.2021

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3. PW collection Centres	There is 01 MRF where ULB send plastic waste and a centre is established at Pandori Mehtman.	Agreement with Shakti Plastic has been signed and will be approached for further process.	MC, Adampur	31.12.2021
4. Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Adampur	Regular Activity
5. Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	MC, Adampur	31.12.2021

Municipal Council Goraya

S.No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 76% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Goraya	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility		Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Goraya	30.11.2021
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point/MRF shed which is adequate as it is a small ULB.	NR	NA	NA
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	MC, Goraya	Regular Activity

	c. Registering wastepickers d. Linkage with PW recyclers	Waste pickers are registered. At present plastic waste is sent to recyclers by waste pickers on their own	Survey activity will be carried out from time to time. Agreement has been signed with Shakti Plastic and further process will be started soon	MC, Goraya MC, Goraya	Regular Activity 31.12.2021
3.	PW collection Centres	There is 01 MRF where ULB send plastic waste.	Agreement with Shakti Plastic has been signed and will be approached for further process.	MC, Goraya	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Goraya	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	MC, Goraya	31.12.2021

Municipal Council, Phillaur

S.No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 80% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Phillaur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage	NR	NA	NA

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	<p>b. Involvement of informal sector / NGO</p> <p>c. Registering wastepickers</p> <p>d. Linkage with PW recyclers</p>	<p>point/MRF shed which is adequate as it is a small ULB.</p> <p>NGOs are involved in awareness activities for 3R</p> <p>Waste pickers are registered.</p> <p>Plastic waste is sent to recyclers by waste pickers on their own</p>	<p align="center">-</p> <p>Survey activity will be carried out from time to time.</p> <p align="center">NR</p>	<p>MC, Phillaur</p> <p>MC, Phillaur</p> <p>MC, Phillaur</p>	<p>Regular Activity</p> <p>Regular Activity</p> <p>31.12.2021</p>
3.	PW collection Centres	There is 01 MRF where ULB send plastic waste.	NR	MC, Phillaur	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Phillaur	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Local public involvement is being assured until other implementation is being assured	MC, Phillaur	31.12.2021

Municipal Council, Nakodar

Sr. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 86% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Nakodar	31.12.2021

2.	<p>Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility</p> <p>a. Availability of transfer points and material recovery facility</p> <p>b. Involvement of informal sector / NGO</p> <p>c. Registering wastepickers</p> <p>d. Linkage with PW recyclers</p>	<p>Waste is being sent to Secondary storage point/MRF shed which is adequate as it is a small ULB.</p> <p>NGOs are involved in awareness activities for 3R</p> <p>Waste pickers are registered.</p> <p>At present plastic waste is sent to recyclers by waste pickers on their own</p>	<p>Agreement has been signed with Shakti Plastic and further process will be started soon</p> <p>NR</p> <p>-</p> <p>Survey activity will be carried out from time to time.</p> <p>Agreement has been signed with Shakti Plastic and further process will be started soon</p>	<p>MC, Nakodar</p> <p>MC, Nakodar</p> <p>MC, Nakodar</p> <p>MC, Nakodar</p>	<p>30.11.2021</p> <p>NA</p> <p>Regular Activity</p> <p>Regular Activity</p> <p>31.12.2021</p>
3.	<p>PW collection Centres</p>	<p>There is 01 MRF where ULB send plastic waste.</p>	<p>Agreement with Shakti Plastic has been signed and will be approached for further process.</p>	<p>MC, Nakodar</p>	<p>31.12.2021</p>
4.	<p>Awareness and education programs implementation</p>	<p>Regular IEC activities are being done to aware public for 3R.</p>	<p>Regular awareness movements / campaigns are in progress.</p>	<p>MC, Nakodar</p>	<p>Regular Activity</p>
5.	<p>Access to Plastic Waste Disposal Facilities</p>	<p>Local public involvement is being assured until other implementation is being assured.</p>	<p>Agreement with Shakti Plastics, for collection has been signed and will be approached for further process</p>	<p>MC, Nakodar</p>	<p>31.12.2021</p>

Municipal Council, Bhogpur

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	D to D collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 95% at present.	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	MC, Bhogpur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point orMaterialRecovery Facility				
	a.Availability of transfer points and material recoveryfacility	Waste is being sent to Secondary storage point/MRF shed which is not adequate. There is need of more infrastructure and machinery.	Proposal sent to PMIDC for more infrastructure and machinery.	MC, Bhogpur	31.03.2022
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	MC, Bhogpur	Regular Activity
	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	MC, Bhogpur	Regular Activity
	d. Linkage with PW recyclers	Plastic waste is sent to recyclers by waste pickers on their own	NR	MC, Bhogpur	31.12.2021

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3.	PW collection Centres	There is 01 MRF where ULB send plastic waste	NR	MC, Bhogpur	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	MC, Bhogpur	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	95% door to door plastic waste is being collected and sent to MRF shed	Regular IEC activities are being done to aware public for 3R by motivators and official staff.	MC, Bhogpur	31.12.2021

Nagar Panchayat, Bilga

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards.	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	NP, Bilga	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility				
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point/MRF shed which is adequate.	NR	NA	NA
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	NP, Bilga	Regular Activity
	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	NP, Bilga	Regular Activity

	d. Linkage with PW recyclers	Plastic waste is sent to recyclers by waste pickers on their own	NR	NA	NA
3.	PW collection Centres	There is 01 MRF where ULB send plastic waste.	NR	NA	NA
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	NP, Bilga	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	NR	NA	NA

Nagar Panchayat Lohian Khas

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 75% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Raggpickers and citizens.	NP, Lohian Khas	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility		Agreement has been signed with Shakti Plastic and further process will be started soon	NP, Lohian Khas	30.11.2021
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point.	Permanent collection and processing unit (MRF) is yet to be constructed	NP, Lohian Khas	31.12.2021
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	NP, Lohian Khas	Regular

District Environment Plan Jalandhar

	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	NP, Lohian Khas	Activity
	d. Linkage with PW recyclers	At present plastic waste is sent to recyclers by waste pickers on their own	Agreement has been signed with Shakti Plastic and further process will be started soon	NP, Lohian Khas	Regular Activity 31.12.2021
3.	PW collection Centres	Plastic collection centre is temporarily established in ULB office.	Permanent collection and processing unit (MRF) is yet to be constructed. Agreement with Shakti Plastic has been signed and will be approached for further process.	NP, Lohian Khas	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	NP, Lohian Khas	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	Nagar Panchayat Lohian Khas	31.12.2021

Nagar Panchayat Shahkot

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 65% at present	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	NP, Shahkot	31.12.2021

<p>2.</p>	<p>Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility</p> <p>a. Availability of transfer points and material recovery facility</p> <p>b. Involvement of informal sector / NGO</p> <p>c. Registering wastepickers</p> <p>d. Linkage with PW recyclers</p>	<p>Waste is being sent to Secondary storage point.</p> <p>NGOs are involved in awareness activities for 3R</p> <p>Waste pickers are registered.</p> <p>At present plastic waste is sent to recyclers by waste pickers on their own</p>	<p>Agreement has been signed with Shakti Plastic and further process will be started soon</p> <p>Permanent collection and processing unit (MRF) is yet to be constructed</p> <p>-</p> <p>Survey activity will be carried out from time to time.</p> <p>Agreement has been signed with Shakti Plastic and further process will be started soon</p>	<p>NP, Shahkot</p> <p>NP, Shahkot</p> <p>NP, Shahkot</p> <p>NP, Shahkot</p> <p>NP, Shahkot</p>	<p>30.11.2021</p> <p>31.12.2021</p> <p>Regular Activity</p> <p>Regular Activity</p> <p>31.12.2021</p>
<p>3.</p>	<p>PW collection Centres</p>	<p>Plastic collection centre is temporarily established in ULB office.</p>	<p>Permanent collection and processing unit (MRF) is yet to be constructed</p> <p>Agreement with Shakti Plastic has been signed and will be approached for further process.</p>	<p>NP, Shahkot</p>	<p>31.12.2021</p>
<p>4.</p>	<p>Awareness and education programs implementation</p>	<p>Regular IEC activities are being done to aware public for 3R.</p>	<p>Regular awareness movements/campaigns are in progress.</p>	<p>NP, Shahkot</p>	<p>Regular Activity</p>
<p>5.</p>	<p>Access to Plastic Waste Disposal Facilities</p>	<p>Local public involvement is being assured until other implementation is being assured.</p>	<p>Agreement with Shakti Plastics, for collection has been signed and will be approached for further process</p>	<p>Nagar Panchayat Shahkot</p>	<p>31.12.2021</p>

Nagar Panchayat Mehatpur

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Door to Door collection alongwith MSW with 100% efficiency in all wards. However, segregation is only 90%	IEC activities will be carried out ward wise for awareness of segregation of dry waste including plastic waste for all Ragpickers and citizens.	NP, Mehatpur	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility		Agreement has been signed with Shakti Plastic and further process will be started soon	NP, Mehatpur	30.11.2021
	a. Availability of transfer points and material recovery facility	Waste is being sent to Secondary storage point/MRF shed.	NR	NA	NA
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	-	NP, Mehatpur	Regular Activity
	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	NP, Mehatpur	Regular Activity
	d. Linkage with PW recyclers	At present plastic waste is sent to recyclers by waste pickers on their own	Agreement has been signed with Shakti Plastic and further process will be started soon	NP, Mehatpur	31.12.2021
3.	PW collection Centres	Waste is being sent to Secondary storage point/MRF shed.	Permanent collection and processing unit (MRF) is functional. Agreement with Shakti Plastic has been signed and will be approached for further process.	NP, Mehatpur	31.12.2021
4.	Awareness and education programs implementation	Regular IEC activities are being done to aware public for 3R.	Regular awareness movements/campaigns are in progress.	NP, Mehatpur	Regular Activity

5.	Access to Plastic Waste Disposal Facilities	Local public involvement is being assured until other implementation is being assured.	Agreement with Shakti Plastics, for collection has been signed and will be approached for further process	NP, Mehatpur	31.12.2021
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Cantonment Board

S. No.	Action points	Gap	Action plan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Gap = 5%	Streamlining mechanization of door to door collection system and awareness /motivation of general public and Door to Door staff	Cantt Board Jalandhar	31.12.2021
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	01 MRF Centre is functional and 01 more MRF Centre and machinery is required constructed for the purpose. Also procurement of Mechanaries is in process	01 more MRF centre has been constructed and procurement of machinery is in process	Cantt Board Jalandhar	31.10.2021
	a. Availability of transfer points and material recovery facility	There are 20 waste transfer points where wet MSW and dry waste including plastic waste is collected. There is 01 MRF as well. 01 more MRF is required	01 more MRF centre has been constructed and will be made operational soon.	Cantt Board Jalandhar	31.10.2021
	b. Involvement of informal sector / NGO	NGOs are involved in awareness activities for 3R	NR	Cantt Board Jalandhar	Regular activity
	c. Registering wastepickers	Waste pickers are registered.	Survey activity will be carried out from time to time.	Cantt Board Jalandhar	Regular activity

	d. Linkage with PW recyclers	The plastic waste is disposed off by sale to approved plastic waste recyclers	NR	NA	NA
3.	PW collection Centre	No Gap, Plastic Waste, after segregation is converted in the bails and stored at a MRF Centre established for the purpose	-	Cantt Board Jalandhar	Already completed
4.	Awareness and education programs implementation	Environmental education and awareness campaigns are being organized by this office in the Cantonment Area in association with NGOs. Distribution of IEC material amongst the public regarding segregation of waste, no use of polythene and single use plastic Installation of Slogan Boards at different locations in Cantt Area. Awareness Camps in Schools Regular Lectures are given to the conservancy staff to upgrade their sanitation skills and personal hygiene etc.	-	Cantt Board Jalandhar	Regular Activity

5.	Access to Plastic Waste Disposal Facilities	The plastic waste is disposed off by sale to approved plastic waste re-cyclers	--	Cantt Board Jalandhar	Already completed.
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Villages/Gram Panchayats

S.No.	Action points	Identification of gap	Actionplan	Agencies Responsible	Timeline
1.	Door to Door collection of dry waste including PW	Not initiated yet	NGOs/GPs/Residents of local are being motivated for collection SW/PW	Department of Rural Development and Panchayat	Yet to be finalized
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	Not initiated yet	12 no. of plastic management projects identified and under process for funding.	DDPO	T+6
3.	PW Collection Centres	Not initiated yet.	12 no. centers are being identified.	Department of Rural Development and Panchayat	T+3
4.	Awareness and education program simple mentation	-	-	Department of Rural Development and Panchayat	Yet to be finalized
5.	Access to Plastic Waste Disposal Facilities	-	-	Department of Rural Development and Panchayat	Yet to be finalized

Note:- 'T' is the time when funds will be received.

(iii) C & D Waste Management

- a. Current status related to C & D Waste:-

Municipal Corporation, Jalandhar

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	75 to 80 approx.
Does the ULB has access to C&D waste recycling facility?	At present no facility is there. However, a plant having capacity of 100 TPD is being setup at Gadaipur Jalandhar.

Municipal Council, Kartarpur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.07
Does the ULBhas access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level.

Municipal Council, Nurmahal

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULBhas access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Municipal Council, Alawalpur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0
Does the ULBhas access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling and people do reuse of C&D waste by their own level. There is no C&D Bulk Waste Generator.

Municipal Council, Adampur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling and people do reuse of C&D waste by their own level. There is no C&D Bulk Waste Generator.

Municipal Council, Goraya

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Municipal Council, Phillaur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Municipal council Nakodar

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.073
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Municipal Council, Bhogpur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.3
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Nagar Panchayat, Bilga

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULB has access to C&D waste recycling facility?	No

Nagar Panchayat Lohian Khas

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULBhas access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Nagar Panchayat, Shahkot

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.0005
Does the ULBhas access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Nagar Panchayat, Mehatpur

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.05
Does the ULB has access to C&D waste recycling facility?	ULB has identified and notified place for C&D waste recycling. And people do reuse of C&D waste by their own level. Bulk generation is rare.

Cantonment Board, Jalandhar

Details of Data Requirement	Present Status
Total C & D waste generation (MTD)	0.10
Does the Cantonment Board has access to C&D waste recycling facility?	Yes, a dedicated MRF Centre and C&D Waste Crusher is available.

b. Identification of gaps and Action plan:**Municipal Corporation, Jalandhar**

Sr. No.	Action points for blocks / town municipalities /City corporations	Gap	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Following 04 sites have been designated at different locations of the city 1) Kabir Vihar 2) Salempur Musalmana 3) Village Birring 4) Ladhewali	C&D waste will be sent to plant which will be established tentatively by 30.06.2022 at Gadaipur.	MC, Jalandhar	30.06.2022

2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Yes, the DOLG has issued the C&D waste management policy vide notification no:5/69/2020-2lg4/1486, dt.26.08.2020 on user charges.(Ref. Clause no.11)	Permission granted to the bulk waste generators. More than 20 tons or more in one day or 300 tons per project to be sent to Gadaipur for further processing.	MC, Jalandhar	Already completed
3.	C&D recycling Facility a) Land acquired or not and if not, timeline for the same b) Timeline for starting use of paving blocks constructed from recycled C&D waste from the proposed facility	Yes, an agreement has already been executed with M/S Citadel Techno mech Private Limited, Indore for setting up a C&D waste recycling facility having capacity 100 TPD at Gadaipur, Jalandhar city at the cost of Rs.3.47 Cr. Along with 5 year O&M of the plant under Smart City Mission. The land is already property of MC, Jalandhar 30.11.2022	Work allotted by Jalandhar Smart City Limited & work Started at site	MC, Jalandhar	Timeline of completion of facility = 30.06.2022
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Yes, The DOLG has issued the C&D waste management policy vide notification no: 5/69/2020-2lg4/1486, dt.26.08.2020 on usage of promotion on C&D waste (Ref. Clause no.11(c), 12(IV).	Identification of users: Contractors in the ULB will be directed to use paving blocks in footpaths etc & seminars on monthly basis are being held regularly.	MC, Jalandhar	After commencement of production at C&D plant i.e. after 30.06.2022

District Environment Plan Jalandhar

5.	IEC on C & D waste management	Not yet, however a sustainable system for creating awareness among the communities has been under preparation and will be started before the erection of the C&D recycle facility at Gadaipur, Jalandhar under Smart City Mission.	Seminars are being done with the contractors for the awareness on monthly basis.	MC, Jalandhar	Regular Activity
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Municipal Council Kartarpur

S. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder is under installation. Electric connection is pending which will be installed soon.	MC, Kartarpur	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Kartarpur	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Kartarpur	-

District Environment Plan Jalandhar

4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Kartarpur	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Kartarpur	

Municipal Council, Nurmahal

S. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder has also been installed there.	Electric connection is pending which has been applied.	MC, Nurmahal	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Nurmahal	-

District Environment Plan Jalandhar

3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Nurmahal	-
4.	Usage of recycled C&D waste in non-structural concrete, pavingblocks, lower layers of road pavements, colony and ruralroads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Nurmahal	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Nurmahal	-

Municipal Council Alawalpur

S. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder has also been installed there.	Electric connection is pending which will be installed soon.	MC, Alawalpur	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Alawalpur	-

	who generate more than 20 tons or more in one day or 300 tons per project in a month?				
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Alawalpur	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Alawalpur	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Alawalpur	-

Municipal Council Adampur

S. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder has also been installed there.	Grinder will be installed soon.	MC, Adampur	31.12.2021

2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Adampur	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	Municipal Council Adampur	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Adampur	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Adampur	-

Municipal Council Goraya

S. No.	Action points	Gap	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder will be installed on existing site after construction boundary wall and release of electric connection.	MC, Goraya	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Goraya	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Goraya	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Goraya	Regular Activity

5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Goraya	-
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Municipal Council, Phillaur

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder is under installation.	MC, Phillaur	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Phillaur	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Phillaur	-
4.	Usage of recycled C&D waste in non-structural concrete,	Bye laws have been notified about waste recycling and ULB	Bye laws have been notified about waste recycling and ULB promotes	MC, Phillaur	Regular Activity

	paving blocks, lower layers of road pavements, colony and rural roads	promotes these rules time to time through IEC activities including announcements.	these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation		
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	MC, Phillaur	-

Municipal Council, Nakodar

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder has also been installed and is functional.	Work is going on.	MC, Nakodar	Already completed
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Nakodar	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	MC, Nakodar	-

District Environment Plan Jalandhar

		or will send to other sites as per requirement.			
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	MC, Nakodar	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	Municipal Council Nakodar	-

Municipal Council Bhogpur

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder has also been installed and is functional.	Work is going on a site	MC, Bhogpur	Already completed
2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	MC, Bhogpur	Already completed

District Environment Plan Jalandhar

3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	Municipal Council Bhogpur	-
4.	Usage of recycled C&D waste in non-structural concrete, pavingblocks, lower layers of road pavements, colony and ruralroads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	Municipal Council Bhogpur	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	Municipal Council Bhogpur	-

Nagar Panchayat, Bilga

Sr. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	02 sites for C&D waste collection has been identified.	NR	NP, Bilga	NA
2.	Whether local authority have fixed user fee on C&D wasteand Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in amonth?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	NP has adopted C&D waste management rules.	NP, Bilga	Already completed

District Environment Plan Jalandhar

3.	C&Drecycling Facility	NP has 01 grinder people use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	NP, Bilga	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through activities including announcements. In future people may be appreciated for better implementation	NP, Bilga	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	NP, Bilga	-

Nagar Panchayat Lohian Khas

Sr. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder will be installed after construction of boundary wall and release of electric connection.	NP, Lohian Khas	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	NP, Lohian Khas	-

	or more in one day or 300 tons per project in a month?				
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	NP, Lohian Khas	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	NP, Lohian Khas	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	NP, Lohian Khas	-

Nagar Panchayat Shahkot

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder will be installed after construction of boundary wall and release of electric connection.	NP, Shahkot	31.12.2021
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste	Common by-laws are enforced for implementation	NP, Shahkot	-

	for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	management			
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	NP, Shahkot	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	NP, Shahkot	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	NP, Shahkot	-

Nagar Panchayat, Mehatpur

S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Land for C&D waste depositing and recycling has been identified and notified. Waste Grinder is yet to be installed there.	Waste Grinder will be installed and release of electric connection.	NP, Mehatpur	31.12.2021

District Environment Plan Jalandhar

2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	There is no Bulk waste generator in ULB and fine and user fee affixed for C&D waste management	Common by-laws are enforced for implementation	NP, Mehatpur	-
3.	C&D recycling Facility	People use waste at their own level and ULB has no Bulk generator. If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement.	If any case of reuse of bulk C & D waste arises, ULB will use in road constructions or will send to other sites as per requirement	NP, Mehatpur	-
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements.	Bye laws have been notified about waste recycling and ULB promotes these rules time to time through IEC activities including announcements. In future people may be appreciated for better implementation	NP, Mehatpur	Regular Activity
5.	IEC on C & D waste management	Awareness programs being done through IEC activities	The awareness moment among public/contractors will be done by CF and motivators. Also pamphlets will be distributed and wall paintings will be carried out for this purpose.	NP, Mehatpur	-

Cantonment Board, Jalandhar

Sr. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	No Gap	-	Cantt Board Jalandhar	Already completed

2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	No Gap, No Bulk C& D Waste Generator in Cantt Area	-	Cantt Board Jalandhar	Already completed
3.	C&D recycling Facility	No Gap, C&D recycling facility is available	The C& D waste is recycled mechanically through a crusher and converted into bricks/stone aggregates (Rodi)	Cantt Board Jalandhar	Already completed
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	No Gap, re-cycled C&D waste is disposed of by sale which is mostly bricks aggregates on Board's approved rates	Recycled bricks/stone aggregates (Rodi) and is being sold @ Rs. 8/- per Sq.ft as approved by the Board.	Cantt Board Jalandhar	Already completed
5.	IEC on C & D waste management	No gap, regular awareness programme are organized for general public to minimize the C&D Waste,	Regular awareness programme are organized for general public to minimize the C&D waste.	Cantt Board Jalandhar	Already completed

(iv) Biomedical Waste Management**a. Current Status related to biomedical waste**

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	437
Total no. of non-bedded HCF	816
No. of HCFs authorized by SPCBs/PCCs	758
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs) in District	01 (A new facility namely M/s Meridian Milieu Care Pvt Ltd of Bio medical waste processing capacity @ 10 MTD has been developed at

	Village Bir Pind Tehsil Nakodar District Jalandhar. However, the same is yet to start its operations)
Capacity of CBWTFs	10 MTD
No. of Deep burials for BMW if any	Nil
Quantity of biomedical waste generated per day	1700 kg
Quantity of biomedical waste treated per day	1700 kg (At CBWTF's located at Pathankot and SAS Nagar).

b. Identification of gaps and Action plan:

Sr. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline
1.	Inventory and Identification of Healthcare Facilities	Inventory already completed	Regular activity	Punjab Pollution Control Board/Civil Surgeon	Regular activity
2.	Adequacy of facilities to treat biomedical waste	Adequate (At present the Bio Medical Waste generated from HCFs is being lifted by M/s M/s Bio Medical Waste Treatment Plant Pvt. Ltd, Village Pangoli, Defence Road, Pathankot and M/s Rainbow Environments (P) Ltd., Mohali, Village Baliyali, Tehsil Kharar, Distt. Mohali.)	A new facility namely M/s Meridian Milieu Care Pvt Ltd, has been developed at Village Bir Pind Tehsil Nakodar District Jalandhar within 75 km. However, the same is yet to be operational.	Punjab Pollution Control Board	Already Completed
3.	Tracking of BMW	Bar code system already in place. All HCFs are using it. Compliance of the same is being regularly checked during visits to the HCF.	Already in place	Punjab Pollution Control Board	Regular activity
4.	Awareness and education of health care staff	Regular training camps are being Organized for staff of HCFs	Regular training camps are being Organized for staff of HCFs	Civil Surgeon Jalandhar/ PPCB	Regular activity
5.	Adequacy of funds	Adequate funds is allocated to Government health care facilities	-	Civil Surgeon Jalandhar	Regular activity

		for bio- medical waste management by State Govt.			
6.	Compliance to Rules by HCFs and CBWTFs	Compliance of the BMW Rules by HCFs is being regularly checked during visits to the HCFs by PPCB.	-	Punjab Pollution Control Board	Already in place. Regular activity.
7.	District Level Monitoring Committee	District Level Monitoring Committee has already been constituted and meetings are being organized regularly.	-	ADC (G)	Already in place. Regular activity
8.	Wastewater Treatment	All 435 bedded hospitals of the district are required to install ETP for treatment of waste water of HCF. Out of 435 bedded hospital 37 nos. of hospitals have already installed Effluent Treatment Plant.	The Board had given them time upto 31.03.2021 for installing the same. Further action is under process.	Punjab Pollution Control Board	The Board has given them time upto 31.03.2022 for installing the ETP.
9.	Spent Fixer Hypo Solution and Xray films management	No Gap, Most of the HCFs in the Distt. Has converted to digital x-ray system and there are very few HCFs left using old system of solution and films for x-ray. At present, all these HCFs are getting lifted the same to M/s Molana Silver Nitrate recycling unit, Sangrur.	No action required	Punjab Pollution Control Board	Already completed

(v) Hazardous Waste Management**a. Current Status related to Hazardous Waste Management**

Details of Data Requirement	Present Status
No of Industries generating HW	600
Quantity of HW in the district	31109.56 MT/Annum
(i) Quantity of Incinerable HW	132.68 MT/Annum
(ii) Quantity of land-fillable HW	3912.4 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	27064.48 MT/Annum
No of captive/common TSDF	There is no TSDF Facility in Distt. Jalandhar There are 2 nos. standalone captive incinerators in Distt. Jalandhar
Contaminated Sites or probable contaminated sites	Nil

b. Identification of gaps and action plan:

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline
1.	Regulation of industries and facilities generating Hazardous Waste	Inventory of hazardous waste generating industries have already been prepared by PPCB and compliance of HWM Rules by these industries is checked regularly by PPCB.	TSDF Nimbuan is lifting hazardous waste from various hazardous waste generated units of Distt. Jalandhar	Punjab Pollution Control Board	Regular Activity
2.	Establishment of collection centres	All the hazardous waste generating units are providing proper storage within its premises for hazardous waste being generated in their premises.	TSDF Nimbuan is lifting hazardous waste from various hazardous waste generated units of Distt. Jalandhar	Department of industries & Punjab Pollution Control Board	Already completed

3.	Availability / Linkage with common TSDF or disposal facility	TSDF Nimbuan is lifting hazardous waste from various hazardous waste generated units of Distt. Jalandhar. All the generators are linked to TSDF Nimbua or any other recycler/incinerator.	-	Department of industries & Punjab Pollution Control Board	Already completed
4.	Contaminated Sites	Nil	NR	NA	NA
5.	Training to workers for handling of hazardous waste	At present, the training to the workers for handling hazardous waste is being managed by the individual unit.	TSDF Nimbuan will be engaged for imparting training to industrial workers. Quarterly training session will be conducted in collaboration with various industrial associations	Punjab Pollution Control Board	31.12.2022

(vi) E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	2.24 MT/Year
Collection centers established by ULBs in the District	Nil
Collection centers established by Producers or their PROs	Nil
Nos. of authorized E-Waste recyclers / Dismantler	01 M/s K.J Recyclers, Plot no. C-38 Sanjay Gandhi Nagar, Ind. Area, Jalandhar

b. Identification of gaps and actionplan:

S. No.	Action points	Gaps in implementation	Action Plan	Responsible agency	Timeline
1	Inventory / Generation of E-Waste / Bulk-waste generators	Inventory already prepared and regularly updated by PPCB	Awareness among shopkeeper/people being done by publishing news paper ads.	ADC (UD)/ Municipal Corporation/ULBs/Cantt Board/JDA	Regular Activity
2	E-Waste collection points	Only one collection centre M/s K.J Recyclers, Plot no. C-38 Sanjay Gandhi Nagar, Industrial Area, Jalandhar which is already registered.	One E-waste collection point to be provided by each ULB.	ADC (UD)/ Municipal Corporation/ULBs/Cantt Board/JDA	31.03.2022
3	Linkage among Stakeholders to channelize E-Waste	One collection centre cum recycler M/s K.J Recyclers, Plot no. C-38 Sanjay Gandhi Nagar, Industrial Area, Jalandhar is authorized. All the stakeholder have been apprised of the same.	All the ULBs will provide a collection centre in their respective areas and will be make agreement with the authorized recycler and will maintained record of the same.	ADC (UD)/ Municipal Corporation/ULBs/ Cantt Board/JDA	31.03.2022
4	Regulation of Illegal E- Waste recycling / dismantling	Gap = 100%	Action will be initiated to identify and restrict all the illegal recyclers and dismantlers.	ADC (UD)/ Municipal Corporation/ULBs/ Cantt Board/JDA	Regular activity
5	Integration of informal sector	Gap = 100%	Action will be initiated to identify and restrict all the illegal recyclers and dismantlers.	ADC (UD)/ Municipal Corporation/ULBs/ Cantt Board/JDA	Regular activity
6	Awareness and Education	Awareness among shopkeeper/people being done.	Newspaper ads will be published for awareness of people.	ADC (UD)/ Municipal Corporation/ULBs/ Cantt Board/JDA	Regular activity

3.0 Air Quality Management

a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status																								
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency: - Operated by Industry:	01, CAQMS operated by Punjab Pollution Control Board at Circuit House, Jalandhar. Nil																								
Number of manual monitoring States operated by SPCBs	04 nos. operated by Punjab Pollution Control Board following locations:- 1. PPCB office Building, Focal point, Jalandhar (industrial Zone) 2. ESI Hospital, Jalandhar (senstative Zone) 3. MC Office, Company Bagh, Jalandhar (Commercial Zone) 4. PWSSB, Manbro Chowk, Jalandhar (residential zone)																								
Name of towns / cities which are failing to comply with national ambient air quality standards	Jalandhar City																								
No of air pollution industries	912																								
Prominent air polluting sources	912 Nos. Air polluting industries fall under the jurisdiction of District Jalandhar which require APCD system and all the 912 Nos. industries have provided their own APCDs to control Air Pollution. The air polluting industries located in the jurisdiction of Jalandhar are as under: <table border="1" data-bbox="1108 1088 2040 1399"> <thead> <tr> <th>Sr. No.</th> <th>Category</th> <th>Number of Units *</th> <th>No. of units which have provided APCD</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Industries with boilers</td> <td>155</td> <td>155</td> </tr> <tr> <td>2.</td> <td>Induction Furnaces</td> <td>311</td> <td>311</td> </tr> <tr> <td>3.</td> <td>Cupola/ Foundry Units</td> <td>98</td> <td>98</td> </tr> <tr> <td>4.</td> <td>Forging Industry</td> <td>33</td> <td>33</td> </tr> <tr> <td>5.</td> <td>Lead smelting</td> <td>25</td> <td>25</td> </tr> </tbody> </table>	Sr. No.	Category	Number of Units *	No. of units which have provided APCD	1.	Industries with boilers	155	155	2.	Induction Furnaces	311	311	3.	Cupola/ Foundry Units	98	98	4.	Forging Industry	33	33	5.	Lead smelting	25	25
Sr. No.	Category	Number of Units *	No. of units which have provided APCD																						
1.	Industries with boilers	155	155																						
2.	Induction Furnaces	311	311																						
3.	Cupola/ Foundry Units	98	98																						
4.	Forging Industry	33	33																						
5.	Lead smelting	25	25																						

		Units		
6.	Hot Mix Plants	12		12
7.	Brick Kiln	204		<ul style="list-style-type: none"> • 35 no. brick kilns are lying closed. • 82 no. brick kilns have adopted induced draft with zig zag technology. • Action against 87 no. brick kilns as per provisions of the Air Act 1981 is under process for their closure
8.	Rice Mills	112		112

b. Identification of gaps and action plan:

Sr. No.	Action points	Indicative Action Plan	Responsible agency	Timeline																								
1.	Identification of prominent air polluting sources	<p>Inventory already in place. Hotspot regions have already been identified by engaging IIT Delhi and are mentioned in the Source Apportionment Study submitted by IIT Delhi and are as under:</p> <ol style="list-style-type: none"> 1. The central market region of the city. 2. The Focal point area which is also the industrial area of the city. 3. The junction of the highway coming from Phagwara to the city. 4. The junction of the state highways leaving the city primarily in the northern part of the city. 	PPCB	Inventorization is a Regular Activity.																								
2.	Ambient Air quality data	<p>Data of 1 no. CAAQMS available on site and through display Board and for rest of the monitoring stations on PPCB website. (www.ppcb.gov.in)</p> <p>The real time data of the same is being displayed at Circuit House Skylark Chowk Jalandhar. Annual average of the various parameters is given as under:</p> <table border="1"> <thead> <tr> <th>Year</th> <th>PM 10, (mg/m3)</th> <th>PM 2.5, (mg /m3)</th> <th>SO2, (mg /m3)</th> <th>NOx (mg /m3)</th> <th>AQI</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>101</td> <td>56.06</td> <td>9.84</td> <td>34.22</td> <td>117</td> </tr> <tr> <td>2019</td> <td>123.8</td> <td>53.73</td> <td>11.18</td> <td>47.02</td> <td>126</td> </tr> <tr> <td>2020</td> <td>97.48</td> <td>51.36</td> <td>10.28</td> <td>20.88</td> <td>100</td> </tr> </tbody> </table>	Year	PM 10, (mg/m3)	PM 2.5, (mg /m3)	SO2, (mg /m3)	NOx (mg /m3)	AQI	2018	101	56.06	9.84	34.22	117	2019	123.8	53.73	11.18	47.02	126	2020	97.48	51.36	10.28	20.88	100	PPCB	Already completed
Year	PM 10, (mg/m3)	PM 2.5, (mg /m3)	SO2, (mg /m3)	NOx (mg /m3)	AQI																							
2018	101	56.06	9.84	34.22	117																							
2019	123.8	53.73	11.18	47.02	126																							
2020	97.48	51.36	10.28	20.88	100																							

3.	Setting up of Continuous Ambient Air Quality Monitoring Station	01 no. CAAQMS is already operational at circuit house, Jalandhar alongwith display Board. 02 nos. more CAAQMS areproposed in Jalandhar city by 31.03.2022. 04 nos. manual Monitoring Stations are already in place.	PPCB	31.03.2022.
4	District Level Action Plan for Air Pollution	a) Action plan for non attainment city Jalandhar already prepared and submitted to CPCB. b) Constitution of Distirct Level Air Quality Monitoring Committee	PPCB/District Adminstration for District level monitoring committee District Environment Committee has already been constituted.	Already completed -
5.	Hotspots of air pollution in District	Hotspot regions have already been identified by engaging IIT Delhi and are mentioned in the Source Apportionment Study submitted by IIT Delhi and are as under: 1. The central market region of the city. 2. The Focal point area which is also the industrial area of the city. 3. The junction of the highway coming from Phagwara to the city. The junction of the state highways leaving the city primarily in the northern part of the city	PPCB	Already identified and completed
6.	Awareness on Air Quality	PPCB has already awarded the work of development of web Based Public Grievance Management and Redressal Portal (PGRP) for Punjab to NIC, New Delhi. The project was to be completed within two months at a cost of Rs. 5,05,040/-. Due to Lockdown situation in the State, the same has got extended. NIC has handed over the App for trail run to PPCB and the trail run has been successfully completed. The test link has been successfully run by all the regional offices of the Board.	PPCB	31.12.2021

7	Preparation of micro level action plan for control of air pollution in Jalandhar town	Under preparation	ULBs in consultation with PPCB and Institute of repute (IOR)	30.09.2021
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C. Management of Agriculture Stubble

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline																					
1.	Area under agricultural for paddy/wheat	Paddy =1.72 Lakh Ha. Wheat =1.73 Lakh ha.	Agricultural Department	NA																					
2.	Quantity of stubble of paddy/wheat	Paddy Straw (@6.5t /ha)=11.2 Lakh ton Wheat Straw=5.19 Lakh ton (75% Wheat straw is used as chaff through Straw Reaper & remaining can be managed by Rotavator /RMB Plough	Agricultural Department	NA																					
3.	No. of Agricultural implements required for management of paddy/wheat stubble	<table border="1" data-bbox="934 863 1471 1163"> <thead> <tr> <th>Sr.No</th> <th>Description</th> <th>Nos.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Super Seeder</td> <td>2200</td> </tr> <tr> <td>2</td> <td>Happy Seeder</td> <td>500</td> </tr> <tr> <td>3</td> <td>Mulcher+ RMB Plough</td> <td>2500</td> </tr> <tr> <td>4</td> <td>Straw Reaper</td> <td>800</td> </tr> <tr> <td>5</td> <td>Baler+Rake</td> <td>100</td> </tr> <tr> <td>6</td> <td>Super SMS</td> <td>600</td> </tr> </tbody> </table> <p data-bbox="918 1203 1583 1414">For In-Situ Management of Paddy straw, Super Seeder & Happy Seeder can do it in single operation for sowing Wheat in paddy fields. Other farmer who wants to sow potato, Vegetables or even wheat crops can use Combination of Mulcher + RMB Plough for incorporation of Paddy straw.</p>	Sr.No	Description	Nos.	1	Super Seeder	2200	2	Happy Seeder	500	3	Mulcher+ RMB Plough	2500	4	Straw Reaper	800	5	Baler+Rake	100	6	Super SMS	600	Agricultural Department	Can be accomplished by 31.03.2023
Sr.No	Description	Nos.																							
1	Super Seeder	2200																							
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6	Super SMS	600																							

		For Ex-situ Management, Balers can be the solution. For Wheat straw Straw Reaper can solve the purpose.																							
4.	Gap of Agricultural implements for complete management of stubble	<table border="1"> <thead> <tr> <th>Sr.No</th> <th>Description</th> <th>Nos.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Super Seeder</td> <td>1400</td> </tr> <tr> <td>2</td> <td>Happy Seeder</td> <td>60</td> </tr> <tr> <td>3</td> <td>Mulcher+RMB Plough</td> <td>500*</td> </tr> <tr> <td>4</td> <td>Straw Reaper</td> <td>100</td> </tr> <tr> <td>5</td> <td>Baler+Rake</td> <td>70</td> </tr> <tr> <td>6</td> <td>Super SMS</td> <td>250</td> </tr> </tbody> </table> <p>This gap in availability of implements can be accomplished through supply of implements under subsidy scheme to augment the pace of adoption of these straw management techniques. *Gap in case of straw reaper is filled by purchase of 100 new machine in district and 400 no's will be available on custom hiring from other districts & states.</p>	Sr.No	Description	Nos.	1	Super Seeder	1400	2	Happy Seeder	60	3	Mulcher+RMB Plough	500*	4	Straw Reaper	100	5	Baler+Rake	70	6	Super SMS	250	Agricultural Department	Can be accomplished by 31.10.2023
Sr.No	Description	Nos.																							
1	Super Seeder	1400																							
2	Happy Seeder	60																							
3	Mulcher+RMB Plough	500*																							
4	Straw Reaper	100																							
5	Baler+Rake	70																							
6	Super SMS	250																							
5.	Steps taken to provide required no. of agricultural implements for zero stubble burning	<ol style="list-style-type: none"> 1. Providing subsidy under In-situ CRM central Sector Scheme. 2. Encouraging Custom Hiring Centre, Coop Societies, Panchayats, and FPO to avail benefits under this scheme and cater services to no. of beneficiaries. 3. Through IEC activities awareness campaigns are undertaken for farmers to use these machine and familiarize them about the benefits of these techniques. 	Agricultural Department	Can be accomplished by 31.10.2023 -do-																					
6.	Funds requirement	Approx. 30crores to fill the gap between availability and actual requirement of machine.	Agricultural Department	Can be accomplished by 31.10.2023																					

7.	Source of funding	In-Situ CRM scheme.	Agricultural Department	Can be accomplished by 31.10.2023
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c. Plantation in the District

d.

Details of Data Requirement	Present Status
Percentage area required under plantation in Urban Areas	25%
Present percentage area under plantation in Urban Areas	Gap = 55%
No. of plants required to be planted in Urban Areas for removing the GAP, if any	6000 plants
Percentage area required under plantation in Rural Areas	1000 plants required per panchayat
Present percentage area under plantation in Rural Areas	550 planted required per panchayat
No. of plants required to be planted in Rural Areas for removing the GAP, if any	450 plants required pwer panchayat

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline
1	Adequate Plantation in Urban Areas	6000 plants to be planted	Municipal Corporation	28.02.2022
2	Adequate Plantation in Rural Areas	Land to be identified by Gram Panchayat and 450 nos. plants to be planted per panchayat.	ADC (D)/DDPO/ Department of Rural Development and Panchayats	31.10.2022
3	Plantation along Drains	2400 plants to be planted along drain	Municipal Corporation	28.02.2022

4.0 Water Quality Management

a. Current Status

Details of Data Requirement	Present Status
Rivers	River Sutlej (103 KM approx)
Length of Coastline (if any)	Nil
Nalas/ Drains/Creeks meeting Rivers	3 nos. drains (Kala Saghian, Garha and Theing)
Lakes / Ponds	-
Total Quantity of sewage from towns and cities in District	340 MLD (approx.)
Quantity of industrial wastewater	9.056 MLD
Percentage of untreated sewage	27 %
Details of bore wells and number of permissions given for extraction of groundwater	535 Nos under MC Jalandhar
Groundwater polluted areas if any	Nil
Polluted river stretches if any	River Sutlej (103 KM approx)

b. Identification of gaps and action plan:

Sr. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline
1.	Inventory of water bodies	The monitoring of rivers, drains are already being carried out and data is being maintained.	Water Resources Department/PPCB	Regular activity
2.	Quality of water bodies in the district	Monitoring of various water bodies of Distt. is already being carried out by Punjab Pollution Control Board on regular basis.	Water Resources Department/PPCB	Regular Activity
3.	Hotspots of water contamination	Monitoring of various water bodies of Distt. is already being carried out by Punjab Pollution Control Board on regular basis. Action plan for clean River Sutlej has already been prepared by Punjab Pollution Control Board and regular monitoring of the same is being done through monthly progress reports and is reviewed at state level by Hon'ble PSSTE, Chandigarh and by CS Punjab in apex committee.	PPCB	Regular Activity
4.	Protection of river / lake water front	Action plan for clean River Sutlej has already been prepared by Punjab Pollution Control Board and regular monitoring of the same is being done through monthly progress reports.	/Water Resource/DDPO/All Municipal Councils, Jalandhar/ Water Resources Department/PPCB/ULB	Regular Activity
5.	Inventory of sources of water pollution	Already completed and incorporated in Action Plan Sutlej	PPCB	Already completed
6.	Oil spill disaster management (for coastal districts)	NA (There is no coastline in Distt. Jalandhar)	NR	NA

7.	Protection of flood plains	Every year flood protection works list has been prepared and recommended from concerned authorities, there after works have been carried out according to availability of funds for protection of flood plain and In flood plain is regular checked by field staff for any encroachment.	Water Resources Department	Regular Activity
8.	Flood plains mapping	The mapping has been done by the Drainage Department manually. The same will be put in an electronic file and link of the same will be shared.	Water Resources Department	31.03.2022
9.	Rejuvenation of groundwater	Rain water harvesting structures are proposed in villages as per details mentioned in ANNEXURE-A-2	Soil Conservation department	Timelines mentioned in the Annexures
10.	Complaints redressal system	PPCB has already awarded the work of development of web Based Public Grievance Management and Redressal Portal (PGRP) for Punjab to NIC, New Delhi. The project was to be completed within two months at a cost of Rs. 5,05,040/-. Due to Lockdown situation in the State, the same has got extended. NIC has handed over the App for trail run to PPCB and the trail run has been successfully completed. The test link has been successfully run by all the regional offices of the Board. The PGRP Android App has been made and will be made functional by 31.12.2021	Punjab Pollution Control Board	31.12.2021

c. TIMELINES FOR PROVIDING CETPs

Sr. No.	CETP	Capacity	Timeline for completion & commissioning.
1)	Electroplating CETP at Focal Point, Jalandhar	0.15 MLD	Yet to be provided by SPV (A CWP no. 1483 of 2020 titled the Jalandhar Human Welfare Society V/s State of Punjab & Ors has been filed in the Hon'ble Punjab & Haryana High Court, Chandigarh for question the decisions taken by Board of Directors of PSIEC in its meeting held on 30.05.2013 where by it was decided to de-reserve land measuring 4600 sq/yard maintained as Green Belt in Industrial Area Focal Point Extension. Jalandhar and allot the same to CO JETS and for quashing lease deed dated 16.06.2014 entered into between PSIEC and JETS. The Hon'ble Court has issued notice of motion and has also ordered status qua as on date. The next date of hearing is fixed for 10.12.2021).
2)	Up-gradation of existing CETP of capacity 5 MLD at Leather Complex, Jalandhar	5 MLD	Yet to be provided by SPV The total Cost of the project is Rs. 27 Cr. There are 61 member units, out of which only 42 units are operational at present. The Centre's share in the project is Rs. 20.25 Cr. and State's share is Rs. 3.375 Cr. First installment of Rs. 1.09 Cr has been contributed by SPV. Letter of Intent has already been issued by DC, Jalandhar to L-1 agency M/s ECO protection Engineers, Chennai. Letter of work award shall be issued after obtaining financial sanction from MoEF.

5.0 Management of Domestic Sewage

5.1 Management of domestic sewage in Urban Areas

a. Indicative Data

Details of Data Requirement	Present Status
No of Class-II towns & class 3 towns	12
No of Class-I towns	1
No of Towns STPs installed	5
No of Towns needing STPs	8

No of ULBs having partial underground sewerage network	9
No of towns not having underground sewerage network	4
Total Quantity of Sewage generated in District from Class II cities and above	355.5 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	259.4 MLD
Quantity of untreated or partially treated sewage flowing into rivers (directly or indirectly)	70 MLD
Quantity of sewage flowing into lakes	Nil
Total available Treatment Capacity	261.6 MLD

b. Identification of gaps and action plan

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Sewage Treatment Plants (STPs)	Details as per ANNEXURE-A-3	ULBs/PWSSB	31.12.2023 (subject to availability of funds for remaining STPs and land where ever required by 31.12.2021)
2.	Underground sewerage network	Details as per ANNEXURE-A-4	ULBs/PWSSB	31.12.2023 (subject to availability of funds for remaining STPs and land where ever required by 31.12.2021)
3.	Jamsher Dairy Complex a. Installation ETP b. Installation of Bio-Gas Plant	ETP 5 nos. tender received and technical evaluation under progress will be allotted by dated 15.11.2021. AS the company has not submitted bank guarantee, so the company is being recommended for blacklisting.	Municipal Corporation	30.06.2023 30.06.2024

4.	Shifiting of scattered Dairies to Jamsher Dairy Complex	Directions for shifting of scattered dairies at village Nahalan, Bulandpur and Gadaipur have already been issued.	ADC (D)/Municipal Corporation/DDPO /Department of Rural Development and Panchayats	31.12.2021
5.	Reduction of per capita water utilization/supply a. Installation of flow meters at various locations on water supply network to ensure restricted supply to reduce waste water generation	This will be done after construction of distribution/zonal water supply systems under surface ater project.	ADC (UD)/Municipal Corporation/Cantt Board/ULBs/JDA	31.12.2025
6.	Utilization of secondary sludge from STPs a. In agriculture fields b. In parks/green areas	Proposal is being made for utilization of secondary sludge	ADC (D)/ADC (UD)/PWSSB/Department of Agriculture/Municipal Corporation/ULBs	31.03.2022
7.	Unauthorized outlets of untreated sewage into drains	All have been connected to sewer line.	Municipal Corporation/ULBs/DDPO	Already completed
8.	Installaton of In-Situ Remediation Technology in the drains/ponds carrying untreated sewage not connected to STPs	MCJ:- The work of rehabilitation of STPs of Jalandhar where ever needed and installation of new STPs required as per calculated capacity of sewage has already started and is in progress so there is no need of installation of in-situ Bio- remediation technology and moreover it is not possible even as the discharge of Kala Sanghian and Garha drain is very large.	MCJ	NR

		Other ULBs:- Yet to be prepared. Action will be initiated for providing In-Situ-Remediation where STPs have not been proposed yet and untreated sewage is being discharged into drains/ponds.	ADC (UD)/ULBs	31.12.2022
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5.2 Management of Domestic sewage in Rural Areas

a. Current Status

Detail of data requirement	Measurable outcome
Total no. of Villages covered	890
No. of villages where Management of Domestic sewage is being carried out	20
No. of villages where Management of Domestic sewage is under process	38
No. of villages where Management of Domestic sewage is yet to start	832

b. Identification of gap and action plan

Sr. No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Nos of villages to be covered in phase-1 LWM=38 a) Source of funding	Work is yet to start on site Swach Bharat Mission, Finance Commission & MGNREGA	Department of Rural Development and Panchayat /DDPO, Jalandhar/ADC (D)	31/12/2021
2	Nos of villages to be covered in phase-2 LWM=832	Yet to be decided after consent of GP	Department of Rural Development and Panchayat /DDPO, Jalandhar/ADC (D)	T+6 Months

*T=Date of receiving funds

Note:- Detail of 38 villages where domestic sewage/liquid waste management is proposed is attached as **ANNEXURE-A-5**

5.3 Utilization of treated water of STPs

Sr. No	Action point	Gap	Action plan	Responsible agency	Timeline
1.	Utilization of treated sewage from STPs for irrigation purpose (During demand period as well as no demand period)		Detailed attached as Annexure-A-6	ADC (UD)/ Department of Soil & Conservation/ Municipal Corporation/ULBs/PWSSB	31.12.2022
2.	Utilization of treated sewage from STPs for construction purpose		Directions have been issued to all major construction sites to use only treated water of STP for construction purpose.	ADC (UD)/ ADC (D)/Municipal Corporation/ULBs/Cantt Board/JDA/DDPO/Department of Rural Development and Panchayat	Regular Activity
3.	Utilization of treated sewage from STPs for sprinkling on roads to avoid road dust	MCJ: No gap Other ULBs: 100% Gap	Already being done through tankers Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.	Municipal Corporation ADC (UD)/ULBs/Cantt Board	Completed 31.03.2022
4.	Utilization of treated sewage from STPs for plantation along the roads	MCJ: No Gap Other ULBs: 100% Gap	Tankers have been allotted for using treated water for plantation along the roads by MCJ. Remonitoring ULBs. Tie up with nearest STP will be done for the arrangement of utilizing treated water with tankers.	Municipal Corporation ADC (UD)/ULBs/Cantt Board	Completed 31.03.2022

6.0 Industrial wastewater management

a. Current Status

Number of Red, Orange, Green and White industries in the District	Red = 655 Orange = 1317 Green = 821
No of Industries discharging wastewater	431
Total Quantity of industrial wastewater generated	9.056 MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	Direct = Nil
Common Effluent Treatment Facilities	02
No of Industries meeting Standards	80
No of Industries not meeting discharge Standards	10

b. Identification of gaps and action plan for industrial wastewater:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline
1.	Compliance to discharge norms by Industries	PPCB is regularly monitoring the compliance to the discharged norms by industries. All the effluent generated industry rather having individual ETPs or are connected with CETP.	Punjab Pollution Control Board	Regular Activity
2.	Complaint redressal system	PPCB has already awarded the work of development of web Based Public Grievance Management and Redressal Portal (PGRP) for Punjab to NIC, New Delhi. The project was to be completed within two months at a cost of Rs. 5,05,040/-. Due to Lockdown situation in the State, the same has got extended. NIC has handed over the App for trail run to PPCB and the trail run has been successfully completed. The test link has been successfully run by all the regional offices of the Board.	Punjab Pollution Control Board	30.09.2021

7.0 Mining Activity Management Plan

a) Current Status

Type of Mining Activity	Sand Mining Mines:- 1.)Vehran 2.) Danewal 3.) Pipli 4.) Kaimwala and Desilting sites:- 1.) Powari 2.) Kadiana 3.) Meowal-Mau sahib
No. of licensed Mining operations in the District	4 No. Mines and 3 no. Desilting Sites
% area covered under mining in the District	0.7741 sq. km.
Area of Sand Mining	0.7741 sq. km
Type of Sand Mining	River Bed Mining

b. Identification of Gaps and action plan:-

Sr	Action Points	Gaps and Action Plan	Responsibility	Timeline for Completion
1.	Monitoring of Mining Activity	A mining team of District Jalandhar is already monitoring mining activities with district administration officials i.e Police and Revenue Department and taking actions if any illegal mining is found.	Water Resources Department	Mining team already monitoring mining activities with district administration officials and Enforcement Directorate is also formed by Punjab Govt. to check illegal Mining activities.
2.	Inventory of illegal mining if any mining	If any illegal mining comes in the notice of the department, immediate action is taken by the officials by lodging FIR's.	Water Resources Department	Enforcement Directorate is also formed by Punjab Govt. to check illegal Mining activities. If any illegal mining comes in the notice of the department, immediate action is taken by the officials by lodging FIR's.

3.	Environment compliance by mining projects	Compliance is being monitored time to time	Water Resources Department/PP CB	Regular Activity
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c. Monitoring activities:

Sr. No	Action point Monitoring activity	Gap and Action plan	Responsible agency	Timeline for
1	Area identified for mining like flood plain area / river/ any other land form.	River Bed Sutlej 4 No. Mines and 3 no. Desilting Sites (0.7741 sq. km.)	Water Resources Department	3 yrs for mining sites of Block 2 and 5 yrs for Progressive mines
2	Existing Area where mining is being done like flood plain area / river/ any other land form	River Bed	Water Resources Department	3 yrs for mining sites of Block 2 and 5 yrs for Progressive mines
3	Proposed area where mining is to be done like flood plain area / river/ any other land form	River Bed of Sutlej in Jalandhar Jurisdiction	Water Resources Department	NA
4	Nos. of mining sites allocated	14 no. sites allotted to Block 2. At present 4 No. Mines and 3 no. Desilting Sites in operation (0.7741 sq. km.)	Water Resources Department	3 yrs for mining sites of Block 2 and 5 yrs for Progressive mines
5	Staff strength of enforcement wing to monitor mining sites.	1 DMO, 1 ADMO and 1 Mining Inspector along with police Department and revenue Department	Water Resources Department	NA
6	Steps taken to avoid over extraction of sand and indiscriminate sand mining	Over extraction of sand is not allowed as per new Punjab govt. web portal. If any illegal mining comes in the notice of the department, immediate action is taken by the officials by lodging FIR's.	Water Resources Department	NA
7	GPS enabled vehicles utilized for transportation of mined material	Asked to contractor to make sure that GPS should be installed in all vehicles that comes to mining sites	Water Resources Department	31.03.2022

8	CCTV cameras at all the vulnerable points	CCTV's installed at Mining sites	Water Resources Department	Already completed
9	Demarkation and Geo fencing of mining sites	Demarcation of Mining lease has been carried out before granting the final approval to the contractor/leasee and the same has been checked on regular basis by concerned Revenue Department in presence of Mining and pillaring is carried out on site to ensure that mining activity is as per the approved mine plan.	Water Resources Department	Already completed
10	Weigh bridges and check points	Weigh bridges have been installed at all the mining sites	Water Resources Department	Already completed

* Allowing one entry and one exit at each mining site and in case there is cluster of mining sites, one entry and one exit gate may be provided for each cluster.

* Following sustainable sand mining guidelines, 2016 and enforcement and monitoring guidelines for sand mining, 2020 by the Department of Mining.

8.0 Noise Pollution Management plan

a. Current Status

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	PPCB = 01

b. Identification of gaps and action plan:

Sr. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline
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1.	<p>Availability of Sound/Noise Level Meters.</p> <p>c. Source of funding for purchase</p>	<p>01 noise level meter is available with PPCB in the district.</p> <p>No noise level meter is available with Police Department or ULBs</p> <p>Requirement:</p> <p>1 30 Noise Level Meters are required for urban areas by Police Department.</p> <p>2 02 Noise Level Meters are required for Rural areas by Police Department.</p> <p>-</p>	<p>Police Department /Punjab Pollution Control Board/ULBs.</p> <p>Police Department</p>	<p>31.12.2022</p> <p>-</p>
2.	<p>Ambient Noise Level monitoring.</p> <p>a. Near notified silience zone</p> <p>b. Checking of pressure horns in vehicles and motorcycle for illegal “Pataka silencer”</p>	<p>It will be done with co-operation of Municipal Corporation, Jalandhar.</p> <p>76 pressure horns challans, 354 silencers not functional challans have been issued since Januaruy 2021.</p>	<p>Police Department/ULB</p> <p>Police Department</p>	<p>Regular Activity</p> <p>Regular Activity</p>
3.	<p>Signboards in Noise zones</p>	<p>In Jalandhar city 50 no. of no horn sign boards have been already fixed in front of schools & hospitals & 30 no. more sign boards are required.</p>	<p>Municipal Corporation Jalandhar</p>	<p>31.12.2021</p>
4.	<p>Complaint redressing system</p>	<p>PPCB has already awarded the work of development of web Based Public Grievance Management and Redressal Portal (PGRP) for Punjab to NIC, New Delhi. The project was to be completed within two months at a cost of Rs. 5,05,040/-. Due to Lockdown situation in the State, the same has got extended. NIC has handed over the App for trail run to PPCB and the trail run has been successfully completed. The test link has been successfully run by all the regional offices of the Board.</p>	<p>Punjab Pollution Control Board</p>	<p>30.09.2021</p>

9.0 Solid Waste Management and Sewage Treatment of illegal colonies in Distt. Jalandhar

a. Current Status

Detail of data requirement	Measurable outcome
No. of illegal colonies	330
Total quantity of sewage generation from these colonies	1.85 MLD (sewage generated by present population which is about 15.63% of population at 100% occupation in colonies)
Total quantity of sewage for which sewage treatment plant provided	Nil
Total quantity of sewage for which sewage treatment plant under installation	Nil
Total quantity of sewage for which sewage treatment plant is yet to be provided	11.84 MLD (at 100% occupation in colonies)
Total quantity of solid waste being generated from these colonies	10.193 MTD (Solid waste generated by present population which is about 15.87% of population at 100% occupation in colonies)
Total quantity of solid waste being properly handled/processed/dumped in scientific manner	0.65 MTD
Total quantity of solid waste for which action is under process properly handled/processed/dumped in scientific manner	Nil
Total quantity of solid waste for which action is yet to start for proper handling/process/dumping in scientific manner	9.54 MTD

b. identification of gap and action plan

Sr.No	Action point	Gap	Action plan	Responsible agency	Timeline for
1	Underground sewage network	50 % Gap	Phase 1: 145 colonies will be covered in this phase. Liquid and solid waste management in 17 no. regularized colonies will be done. 128 nos. rejected colonies out of which against	JDA Jalandhar	Phase-I 31.12.2022
2	Connection of sewerage system with STP	100 % Gap		JDA Jalandhar	
3	Compliance to discharge norms by colonies	100% Gap		JDA Jalandhar	

4	Compliance to solid waste management Rules by colonies	96.23% Gap	<p>79 nos. colonies FIR has been launched, demolltion will be carried out as per site conditions.</p> <p>Phase-II: 185 colonies will be covered in this phase. Decision as per regularization policy will be taken on these colonies within 06 months and accordingly liquid and solid waste management and demolition/FIR would be carried out as per site conditions.</p>	JDA Jalandhar	<p>Phase-II T+1 year</p>
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'T' is the time when

1. Unauthorized colony is regularized.

2. Loan amounting to Rs. 50.00 crore given to Govt. From the regularization fees received from plot holders falling in these colonies, will be recovered from Govt.

3. As per policy of unauthorized colony the expenditure shall be incurred only if minimum 50% plot holders have deposited the development charges and regularization fees. The directions regarding this condition of policy has also been sought from the Govt.

10.0 Rain Water Harvesting

10.1 Rain Water Harvesting Structures in Urban Areas.

Sr. No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Source of funding	As per the provisions in the PB Municipal Building Bye Law-2018 Chapter X. Rain water Harvesting is mandatory as below: Resi: All maps more than 100 Mt area. Comm: All Maps Flats: All	Municipal Corporation	As per PB. Building Bye Laws. Three years time is given

		Institution: All Industrial: All. Municipal Corporation takes Rs. 2 Lacs as security Fee from all the non Resi Maps area having more than 500 sq.yds. At the time of completion certificate, if RWH is not provided 2 Lac Rs. is seized by the MCJ and CC shall not be issued. It has been observed that some Nodal Agency/Department be the part of this plan as (B&R) (PPCB) for the construction of that RWH with security @ Rs. 2 Lac, which is laying with Municipal Corporation.		to all sanctioned Maps for completion of their respective Buildings and one-year Extension period has also been given as per Bye Laws.
2	Identification of existing ponds/water bodies (not containing waste water)	Don't Exist with M.C.J limits.	MC Jalandhar/ADC (UD)/JDA	
3	Timelines for completion of enhancement/remodeling/redevelopment of existing ponds/water bodies	-Do-	MC Jalandhar/ADC (UD)/JDA	
4	Creation of new pond	-Do-	MC Jalandhar/ADC (UD)/JDA	

10.2 Rain water harvesting structures in villages

a. Current Status

Detail of data requirement	Measurable outcome
Total nos of villages where rain water harvesting is required	915
No. of buildings in villages where rain water harvesting structures are provided	40
No. of buildings in villages where rain water harvesting structures are under installation	Nil
No. of buildings in villages where action for providing rain water harvesting structures	915

is yet to start	
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b. identification of gap and action plan

Sr.No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Nos of villages to be covered in phase-1	245 structures in 68 villages	ADC (D)& DDPO, Jalandhar/Soil & Conservation department	06 months after sanction of funds
2	Nos of villages to be covered in phase-2	225 structures	ADC (D) & DDPO, Jalandhar	06 months after sanction of funds
3	Nos of villages to be covered in phase-3	225 structures	ADC (D) & DDPO, Jalandhar	06 months after sanction of funds

Note:- The detail of block wise rain water harvesting structures to be built phase wise alongwith detail of villages is attached as ANNEXUREA-2

11. Faecal and septage Sludge Management in villages**a. Current Status**

Detail of data requirement	Measurable outcome
Total nos. of villages	890
No. of villages where Faecal Sludge Management & Management of Solid Waste is being carried out	0
No. of villages where Faecal Sludge Management & Management of Solid Waste is under process	0
No. of villages where Faecal Sludge Management & Management of Solid Waste is yet to start	0

b. identification of gap and action plan

Sr.No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Nos of villages to be covered in phase-1 and subsequent phases	State level policy matter and time target for framing of policy will be informed after taking up matter at higher level.	ADC (D)/DDPO/Department of Rural Development and Panchayat	Policy will be framed by 30.04.2022. Implementation = 30.04.2025

12. Development of bio diversity parks along Kala Sanghian drain

The Municipal Corporation, Jalandhar has been directed to develop Bio Diversity parks along Kala Sanghian drain by the Hon'ble NGT Monitoring Committee. In this regard MC Jalandhar has reported that XEN Horticulture has been directed to prepare the plan and then execute the project after completion of the required approvals. MC Jalandhar has identified 04 sites along Kala Sanghian drain and estimate of Rs. 22.00 lakhs has been prepared for this purpose. Further work will be started as soon as the grants are received. The target date for completion of the project is 31.03.2022.

Sr.No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Source of funding	Process yet to start after completion of DPR under Jalandhar smart city mission.	MC Jalandhar	10.10.2021 (for DPR)
2	Finalizaiton of tenders	Process yet to start after completion of DPR under Jalandhar smart city mission.	MC Jalandhar	10.11.2021
3	Allotment of work	Process yet to start after completion of DPR under Jalandhar smart city mission.	MC Jalandhar	10.12.2021

13. Canal based water supply to the inhabitants of the District

a. Jalandhar City/Municipal Corporation Jalandhar

PHASE-I

The work of “Construction of Surface Water Source based Drinking Water Supply Project having 275 MLD Water Treatment Plant at village Jagrawan (near Adampur) and its Allied Works, Providing & Laying of Clear Water Rising Main, Construction of UGSRs including Pumping Stations complete in all respects and Operation & Maintenance for a period of 10 years (on DBOT basis) at Jalandhar Town, Punjab (under AMRUT)” is allotted to M/s Larsen & Toubro Ltd., Chennai amounting to Rs.525.85 Crore (Capital works Cost Rs.465.20 Crore & O&M Cost Rs.60.65 Crore). This work is allotted to the said agency on dt.10.09.2020 with the time limit of 3 years and completion date of the work is 09.09.2023.

This project is for present Municipal Corporation limit of Jalandhar. The design population for the year 2021 is 1048339 and for the year 2036 is 1379430. The work of Phase-I is for carrying the Bulk Surface Water Supply from Jalandhar Irrigation Canal to Jalandhar city. The source of water is Jalandhar Irrigation Canal from River Sutlej which comes through Garhshankar & Adampur town area. Irrigation Department agreed to provide 113 cusec water till 2036 and further 150 cusec water till 2051. Municipal Corporation, Jalandhar acquired 54 Acre land for WTP at Village Jagrawan near Adampur Town having capacity of 275MLD.

PHASE-II

In the work of Phase-II rehabilitation of existing water supply lines, provision of water meters and DMAs formation is proposed with NRW less than 20% as per norms for ensuring 24x7 supply of water. The DPR for Phase-II is being prepared.

Sr.No	Action point	Gap and Action plan	Responsible agency	Timeline for
1	Source of funding	Funds required of Rs. 525.85 is already attached under AMRUT Scheme	PWSSB	Already completed
2	Allotment of work	Work already allotted to M/s M/s Larsen & Toubro Ltd., Chennai amounting to Rs.525.85	PWSSB	Already completed

		Creore (Capital works Cost Rs.465.20 Crore & O&M Cost Rs.60.65 Crore) on 10.09.2020		(work allotted on 10.09.2020)
3	Completion of work	The work will be completed wthin 03 years of allotment i.e 09.09.2023	PWSSB	09.09.2023
4	Quantity of canal water to be supplied to inhabitants of Jalandhar area	113 cusec	PWSSB	09.09.2023
5	Area covered under canal based	100%	PWSSB	NA

14. Management and handling of carcass

Installation of carcass utilization plant (Rendering plant)

Sr. No	Action point	Start date	Completion date	Gap and Action plan	Responsible agency	Timeline for
1	Financial Closure	01.01.2022 Tentatively.	30.01.2022	DPR under preparation by Jalandhar Smart City	MC Jalandhar/Veterinary and Animal Husbandry Department	15.01.2022
2	Tendering of the work including allotment	31.01.2022	30.03.2022		MC Jalandhar/Veterinary and Animal Husbandry Department	31.03.2022
3	Commencement of the work	30.04.2022	30.04.2023		MC Jalandhar/Veterinary and Animal Husbandry Department	31.05.2023
4	Completion and commissioning	30.04.2023	31.05.2023		MC Jalandhar/Veterinary and Animal Husbandry Department	31.05.2023

List of Nodal Officer of the Various stakeholder Departments

Sr no.	Name of the Department	Nodal Officer Name	Designation	Mobile no.	Email Id
1.	Municipal Corporation, Jalandhar	Sh. Amit Sareen	Joint Commissioner	9779818455	commissioner.mcj@gmail.com sebrmcj@gmail.com
2.	Jalandhar Development Authority, Jalandhar	Sh. Yadwinder Singh	XEN	9779918189	ca.jdajal@punjab.gov.in
3.	Punjab Pollution Control Board	Sh. Tejinder Kumar	SEE	9878950516	seeppcbjal@gmail.com
4.	Police Department	Sh. Subash Arora	ACP	9464383010	acphq@jalandharpolice.com
5.	Cantonment Board, Jalandhar	Sh. Sudhir Kumar	Deputy CEO	9837891089	ceojalan-stats@nic.in
6.	Department of Rural Development and Panchayati	Sh. Tarsem Lal	XEN, Panchayati Raj	9465785785	xenpwprjalandhar@gmail.com
7.	Department of Soil & Water Conservation, Jalandhar	Sh. Lupinder Kumar	ASCO	9888494101	sco.dswc.jalandhar@punjab.gov.in
8.	Punjab Water Supply & Sewerage Board, Jalandhar	Sh. Jitin Vasudeva	XEN, PWSSB	8427663503	eej1.pwssb@punjab.gov.in
9.	Department of Water Resources & Drainage, Jalandhar	Sh. Garcha Singh	XEN, Mining	9814672476	xenminingjal@gmail.com

10.	Agriculture Department, Jalandhar	Sh. Surinder Singh	CAO	9815972507	caojalandhar181@zmail.com
11.	Forest Department, Jalandhar	Sh. Vikram Kundra	DFO	9888447399	dfojalandhar@gmail.com
12.	PSIEC, Jalandhar	Sh. Kamaljit Singh	SDO	9814256816	xen.ivpsiec2019@gmail.com
13.	Municipal Council, Kartarpur	KARMINDER PAL SINGH	Executive Officer	9814424002	municipalcouncilkartarpur@yahoo.com
14.	Municipal Council, Adampur	Harnarinder singh shergill	Executive Officer	9814424002	mcadampur38@gmail.com
15.	Municipal Council, Bhogpur	Sh. Ranjeet Singh	Executive Officer	98725-74176	eonagarpanchayatbhogpur@yahoo.in
16.	Municipal Council, Nakodar	Sh. Randeep Singh Wariach	Executive Officer	9872147765	eomcnkd@yahoo.com
17.	Municipal Council, Nurmahal	Sh. Randeep Singh Wariach	Executive Officer	9872147765	eomc_nurmahal@yahoo.in
18.	Municipal Council, Phillaur	Sh. Randhir Singh	Executive Officer	9417497660	eomcphr@gmail.com

19.	Municipal Council, Goraya	Sh. Randhir Singh	Executive Officer	9417497660	manchesterofpunjab@gmail.com
20.	Municipal Council, Alawalpur	Harnarinder singh shergill	Executive Officer	9814424002	eomcalawalpur@yahoo.com
21.	Nagar Panchayat, Bilga	Sh. S.K Aggarwal	Executive Officer	9814557673	eomcbilga@gmail.com
22.	Nagar Panchayat, Mehatpur	Sh. Sukhdev Singh	Executive Officer	9814338927	npmehatpur@yahoo.in
23.	Nagar Panchayat, Lohian Khas,	Sh. Randeep Singh Wariach	Executive Officer	9872147765	nplohiankhas@yahoo.co.in
24.	Nagar Panchayat, Shahkot	Sh. Baljit Singh	Executive Officer	9780002220	eonpshahkot@gmail.com

ANNEXURE A-1

Solid Waste Management under Swach Bharat Mission (G) Phase-2												
Sr No	Name of District	Name of Block	Name of Panchayat	Present Population of Village	Total Project cost (in lacs)	Fund Convergence						
						SBM(G) Share (as per population)			15th FC Share	Total Funds by SBM(G) & 15th FC (10+11) (in lacs)	MGNRE GA	Any Other Source
						Central Share (60%) in Lacs	State Share (40%) in Lacs	Total (7+8)	30% (In lacs)			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Jalandhar	Adampur	Lesriwal	3400	6.40	0.86	0.57	1.43	0.61	2.04	3.51	0.85
2	Jalandhar	Adampur	Beas Pind	4203	6.40	1.06	0.70	1.76	0.76	2.52	2.71	1.17
3	Jalandhar	Adampur	Kapoor pind	3100	6.40	0.78	0.52	1.30	0.56	1.86	3.71	0.83
Total				10703	19.20	2.69	1.80	4.49	1.93	6.42	9.93	2.85
4	Jalandhar	Bhogpur	Chamiari	974	6.40	0.24	0.16	0.41	0.17	0.58	5.62	0.20
5	Jalandhar	Bhogpur	Rani Bhatti	603	6.40	0.15	0.10	0.25	0.11	0.36	5.94	0.10
6	Jalandhar	Bhogpur	Madhopur	1159	6.40	0.29	0.20	0.49	0.21	0.70	5.60	0.10
7	Jalandhar	Bhogpur	Rastgo	1203	6.40	0.30	0.20	0.50	0.22	0.72	5.48	0.20
Total				3939	25.60	0.99	0.66	1.65	0.71	2.36	22.64	0.60
8	Jalandhar	Jal.East	Kaboolpur	1409	6.40	0.35	0.24	0.59	0.25	0.84	4.56	1.00

9	Jalandhar	Jal.East	Nangal Salempur	1423	6.40	0.36	0.24	0.60	0.26	0.86	4.54	1.00
10	Jalandhar	Jal.East	Budhiana	1577	6.40	0.39	0.26	0.66	0.28	0.94	4.46	1.00
Total				4409	19.20	1.11	0.74	1.85	0.79	2.64	13.56	3.00
11	JALANDHAR	Jalandhar West	Dugri	1700	6.40	0.43	0.29	0.71	0.31	1.02	4.38	1.00
12	JALANDHAR	Jalandhar West	Dhaliwal	1974	6.40	0.50	0.33	0.83	0.36	1.18	4.22	1.00
13	JALANDHAR	Jalandhar West	Ghakhhal	2250	6.40	0.57	0.38	0.95	0.41	1.35	3.05	2.00
14	JALANDHAR	Jalandhar West	Randhawa Mansanda	4289	6.40	1.08	0.72	1.80	0.77	2.57	2.33	1.50
15	JALANDHAR	Jalandhar West	Kohala	1746	6.40	0.44	0.29	0.73	0.31	1.05	3.35	2.00
16	JALANDHAR	Jalandhar West	Wariana	3106	6.40	0.78	0.52	1.30	0.56	1.86	4.04	0.50
Total				15065	38.40	3.79	2.53	6.32	2.71	9.04	21.36	8.00
17	JALANDHAR	Lohian	Gidderpindi	2181	6.40	0.55	0.37	0.92	0.39	1.31	3.09	2.00
18	JALANDHAR	Lohian	Chak Chela	1227	6.40	0.31	0.21	0.52	0.22	0.74	3.66	2.00
19	JALANDHAR	Lohian	Jakopur Kalan	659	6.40	0.17	0.11	0.28	0.12	0.40	4.00	2.00
20	JALANDHAR	Lohian	Manak	1116	6.40	0.28	0.19	0.47	0.20	0.67	3.73	2.00
Total				5183	25.60	1.31	0.87	2.18	0.93	3.11	14.48	8.00
21	JALANDHAR	MEHATPUR	HARIPUR	1744	6.40	0.44	0.29	0.74	0.32	1.05	5.35	0.00

22	JALANDHAR	MEHATPUR	PANDORI KHASS	2043	6.40	0.52	0.34	0.86	0.37	1.23	5.17	0.00
23	JALANDHAR	MEHATPUR	BAGELA	1514	6.40	0.38	0.25	0.64	0.27	0.91	5.49	0.00
24	JALANDHAR	MEHATPUR	BULANDA	1014	6.40	0.26	0.17	0.43	0.18	0.61	5.79	0.00
25	JALANDHAR	MEHATPUR	AULAKH	955	6.40	0.24	0.16	0.40	0.17	0.57	5.83	0.00
Total				7270	32.00	1.84	1.22	3.06	1.31	4.37	27.63	0.00
26	Jalandhar	Nurmahal	Pabwan	1081	6.40	0.27	0.18	0.46	0.20	0.65	4.75	1.00
27	Jalandhar	Nurmahal	Sanghe Khalsa	679	6.40	0.17	0.11	0.29	0.12	0.41	4.99	1.00
28	Jalandhar	Nurmahal	Sanghe Jagir	812	6.40	0.21	0.14	0.34	0.15	0.49	4.91	1.00
Total				2572	19.20	0.65	0.43	1.09	0.47	1.55	14.65	3.00
29	JALANDHAR	NAKODAR	LITTRAN	1815	1.51	0.46	0.30	0.76	0.33	1.09	0.22	0.20
30	JALANDHAR	NAKODAR	KANG SAAB RAI	1260	1.01	0.32	0.21	0.53	0.23	0.76	0.15	0.10
31	JALANDHAR	NAKODAR	UGGI	4117	3.46	1.04	0.69	1.73	0.74	2.47	0.49	0.50
Total				7192	5.98	1.81	1.21	3.02	1.29	4.32	0.86	0.80
32	Jalandhar	Phillaur	Katpalo	2500	6.40	0.63	0.42	1.05	0.45	1.50	0.82	4.08
33	Jalandhar	Phillaur	Lassara	3300	6.40	0.83	0.55	1.38	0.59	1.98	0.82	3.60
34	Jalandhar	Phillaur	Apra	6200	6.40	1.17	0.78	1.95	0.84	2.79	0.82	2.79

Total				12000	19.20	2.63	1.75	4.38	1.88	6.27	2.46	10.47
35	JALANDHAR	Rurka Kalan	Rurka Kalan	7467	6.40	1.41	0.94	2.35	1.01	3.36	2.04	1.00
36	JALANDHAR	Rurka Kalan	Jajja Kalan	979	6.40	0.25	0.17	0.41	0.18	0.59	4.81	1.00
37	JALANDHAR	Rurka Kalan	Ghurka	2111	6.40	0.53	0.36	0.89	0.38	1.27	4.13	1.00
Total				10557	19.20	2.19	1.46	3.65	1.57	5.22	10.98	3.00
38	JALANDHAR	Shahkot	Khurampur	943	6.40	0.24	0.16	0.40	0.17	0.57	5.83	0.00
39	JALANDHAR	Shahkot	Haweli	1324	6.40	0.33	0.22	0.55	0.24	0.79	5.61	0.00
40	JALANDHAR	Shahkot	Laksian	1357	6.40	0.34	0.23	0.57	0.24	0.81	5.59	0.00
41	JALANDHAR	Shahkot	Akalpur	1993	6.40	0.50	0.34	0.84	0.36	1.20	5.20	0.00
42	JALANDHAR	Shahkot	Malsian	1944	6.40	0.49	0.33	0.82	0.35	1.17	5.23	0.00
43	Jalandhar	Shahkot	Shala Nagar	2144	6.40	0.54	0.36	0.90	0.39	1.29	5.11	0.00
Total				9705	38.40	2.45	1.63	4.08	1.75	5.83	32.57	0.00
Grand Total				88595	261.98	21.46	14.31	35.77	15.34	51.12	171.12	39.72

Annexure A-2

List of Villages to be covered in Phase 1 for District Environment Plan for Installation of Roof Top Rain Water Harvesting Structures

Sr No.	Block	Name of Village	No. Of Structures	Total Cost(Lakhs)
1	Adampur	MANKO	2	4.00
2	Adampur	BIAS PIND	2	4.00
3	Adampur	LESRIWAL	1	2.00
4	Adampur	MADAR	1	2.00
5	Adampur	DHOGRI	3	6.00
6	Adampur	KAPURPIND	2	4.00
7	Adampur	ALWALPUR	2	4.00
8	Adampur	KHURDPUR	3	6.00
9	Adampur	DAMUNDA	1	2.00
10	Adampur	ADAMPUR	3	6.00
11	Adampur	PANDORI NIJRAN	1	2.00
12	Adampur	HARIPUR	2	4.00
13	Adampur	KHICHIPUR	2	4.00
14	Adampur	NIROLI	1	2.00
15	Adampur	DHUREY	3	6.00
16	Adampur	DAROLI KHURD	3	6.00
17	Adampur	KANDOLA	2	4.00
18	Adampur	FATEHPUR	1	2.00
19	Bhogpur	BHOGPUR	6	12.00
20	Bhogpur	LAROA	2	4.00

21	Bhogpur	KALA BAKRA	3	6.00
22	Bhogpur	PACHRANGA	2	4.00
23	Bhogpur	SALALA	3	6.00
24	Bhogpur	BINPALKE	2	4.00
25	Bhogpur	KANDALA GURUKA	2	4.00
26	Bhogpur	SUDANA	2	4.00
27	Bhogpur	ROJRI	3	6.00
28	Bhogpur	BULLA	2	4.00
29	Bhogpur	GHOREWAHI	1	2.00
30	Bhogpur	GHUGH	1	2.00
31	Bhogpur	LOHARA	1	2.00
32	Jalandhar	KADIANWALI	4	8.00
33	Jalandhar	LAMBRA	3	6.00
34	Jalandhar	PARTAPURA	2	4.00
35	Jalandhar	WADALA	3	6.00
36	Jalandhar	BHAGWANPUR	3	6.00
37	Jalandhar	TAJPUR	2	4.00
38	Jalandhar	TALHAN	2	4.00
39	Jalandhar	KUKARPIND	2	4.00
40	Jalandhar	KAMBRA	2	4.00
41	Jalandhar	JAMSHER	6	12.00
42	Jalandhar	BAMBIANWAL	2	4.00
43	Jalandhar	KOT SADIQ	2	4.00
44	Jalandhar	BOLINA	3	6.00
45	Jalandhar	UDHOPUR	4	8.00

46	Kartarpur	SANGAL SOHAL	3	6.00
47	Kartarpur	MIRPUR	1	2.00
48	Kartarpur	MAND	3	6.00
49	Kartarpur	SARAI KHAS	2	4.00
50	Kartarpur	HELRA	2	4.00
51	Kartarpur	KARTARPUR	2	4.00
52	Kartarpur	NUSSI	2	4.00
53	Kartarpur	NAUGAJJA	3	6.00
54	Kartarpur	MAQSUDA	3	6.00
55	Kartarpur	SAMMIPUR	3	6.00
56	Kartarpur	RAHIMPUR	3	6.00
57	Kartarpur	MUSTFAPUR	2	4.00
58	Kartarpur	KARADI	3	6.00
59	Kartarpur	SANGWAL	1	2.00
60	Kartarpur	MANNAN	1	2.00
61	Kartarpur	JALLE	1	2.00
62	Kartarpur	KHALWA	2	4.00
63	Kartarpur	RANDHWA MASANDA	3	6.00
		TOTAL JALANDHAR	145	290.00
1	Phillaur	Phillaur	10	20.00
2	Phillaur	Haripur Khalsa	2	4.00
3	Phillaur	Barha Pind	4	8.00
4	Phillaur	Virk	2	4.00
5	Phillaur	Chak Desh RAJ	2	4.00
6	Rurka Kalan	Dhindsa	1	2.00

7	Rurka Kalan	Rurka Kalan	8	16.00
8	Rurka Kalan	Beerh Bansia	1	2.00
9	Nurmahal	Nurmahal	5	10.00
10	Nurmahal	Bilga	5	10.00
11	Nakodar	UGGI	1	3.50
12	Nakodar	RASULPUR	1	2.50
13	Nakodar	GOHIR	1	2.50
14	Nakodar	MALHIAN KALAN	1	2.50
15	Nakodar	ADDI	1	2.50
16	Nakodar	CHUHAR	1	2.50
17	Nakodar	KANG SAHIB RAI	1	2.50
18	Nakodar	KANGNA	1	3.50
19	Nakodar	PANDORI	1	2.50
20	Nakodar	SAIDUPUR	1	2.50
21	Nakodar	DHERIAN	1	2.50
22	Nakodar	NAKODAR	1	3.50
23	Nakodar	TALWANDI BHARO	1	2.50
24	Nakodar	SARAI KHAM	1	2.50
25	Nakodar	JAHANGIR	1	2.50
26	Nakodar	MAHUWAL	1	2.50
27	Nakodar	ALLOWAL	1	2.50
28	Nakodar	BHULLAR	1	3.50
29	Nakodar	BIR PIND	1	2.50
30	Nakodar	HUSSAINPUR	1	2.50
31	Mehatpur	MAHERU	1	2.50

32	Mehatpur	MEHATPUR	1	3.50
33	Mehatpur	BALOO KI	1	2.50
34	Mehatpur	UDHOWAL	1	2.50
35	Mehatpur	BIR BALO KI	1	2.50
36	Mehatpur	SINGHPUR	1	2.50
37	Mehatpur	KHAIRA MUSTARKA	1	2.50
38	Mehatpur	AKBARPUR KALAN	1	2.50
39	Mehatpur	SANGOWAL	1	2.50
40	Mehatpur	MALWAL	1	2.50
41	Shahkot	PARJIAN KALAN	2	6.00
42	Shahkot	GEHLAN	1	3.00
43	Shahkot	DANEWAL	1	4.00
44	Shahkot	RAUNT	1	2.50
45	Shahkot	BHADMA	1	2.50
46	Shahkot	SAANDAN	1	2.50
47	Shahkot	BAGGA	1	3.00
48	Shahkot	BAUPUR	1	3.00
49	Shahkot	NARANGPUR	1	2.50
50	Shahkot	DHANDOWAL	1	4.00
51	Shahkot	NANGAL AMBIAN	1	4.00
52	Shahkot	SHAHKOT	2	12.00
53	Shahkot	KOTLA SURAJMAL	1	4.00
54	Shahkot	BAJWA KALAN	1	4.00
55	Shahkot	BAJWA KHURD	1	3.50
56	Shahkot	BAHMANIAN	1	3.50

57	Shahkot	SOHAL JAGIR	1	3.50
58	Shahkot	SALAICHAN	1	3.00
59	Lohian	RUPEWALI	1	4.00
60	Lohian	NAWAN PIND DONEWAL	1	3.50
61	Lohian	TURNA	1	3.50
62	Lohian	NIMAZIPUR	1	3.50
63	Lohian	SEECHEWAL	1	3.50
64	Lohian	SINDHAR	1	3.50
65	Lohian	NIHALUWAL	1	4.00
66	Lohian	ISSEWAL	1	3.00
67	Lohian	BADSHAHPUR	1	3.00
68	Lohian	MUREEDWAL	1	3.00
		Total Nakodar	100	265.00
GRAND TOTAL (JALANDHAR & NAKODAR)			245	555.00

Sr.No	Activity	Block	No. of village	No. of Roof Top Rain Water Recharging structure on Govt Building to be installed	No. of Roof Top Rain Water Recharging Structure Covered in Phase-1	No. of Roof Top Rain water Recharging structure covered in phase-II	No. of roof top rain water recharging structure covered in phase-III
1.	Installation of Roof top rain water recharging	Adampur	79	95	35	30	30
2.		Bhogpur	83	90	30	30	30
3.		Jalandhar East	89	100	40	30	30
4.		Jalandhar	112	120	40	40	40

	structure on Govt Building	West					
5.		Shahkot	115	60	20	20	20
6.		Lohian Khas	64	30	10	10	10
7.		Nakodar	96	50	20	15	15
8.		Mehatpur	56	30	10	10	10
9.		Phillaur	103	60	20	20	20
10.		Rurka	50	30	10	10	10
11.		Nurmahal	68	30	10	10	10

Note:

1. Time required to complete the first phase project -6 months after the sanction of funds for phase-1
2. Time required to complete the second phase projects-6 months after the sanction of funds for phase-2
3. Time required to complete the third phase project 6 months after the sanction of funds for phase 3

Annexure – A3

Sr. No.	Name of Town	Treatment capacity required (in MLD)	Existing treatment capacity (in MLD)	Gap (in MLD)	Proposed (in MLD)	Funds required (Rs. In crores)	Source of funds	Present status	Timelines
1	Jalandhar	305	235	70	70	-	-	Under construction (3 STPs of capacity 50 MLD at Pholriwal), 15 MLD at Basti Peer Dad and 5 MLD at Focal Point)	STP 50 MLD at Pholriwal: 30.06.2022 STP 15 MLD at Basti Peer Dad: 30.08.2022 STP 5 MLD at Focal Point: 30.09.2021
2	Cantonment Board, Jalandhar	9.4	9.4	Nil	Nil	NA	NA	NA	NA
3	Bhogpur	4.00	Nil	4.00	4.00	47.05 (including laying of sewerage network of length 35.34 km)	Swach Bharat Mission	Estimate prepared	24 Months after receipt of funds.
4	Mehatpur	2.00	Nil	2.00	2.00	47.96 (including	Swach Bharat	Estimate prepared	24 Months after receipt of funds

						laying of sewerage network of length 37.28 km)	Mission		and allocation of land for STP.
5	Lohian	2.50	Nil	2.50	2.50	47.58 (including laying of sewerage network of length 33.82 km)	Swach Bharat Mission	Estimate prepared	24 Months after receipt of funds and allocation of land for STP.
6	Alawalpur	2.00	Nil	2.00	2.00	20.95 (including laying of sewerage network of length 17.48 km)	Swach Bharat Mission	Estimate prepared	24 Months after receipt of funds and allocation of land for STP.
7	Nakodar	6.00	6.00	Nil	Nil	NA	NA	NA	NA
8	Adampur	3.00	Nil	3.00	3.00	Funds already tied up	Funds already tied up	Under Construction	31.12.2022
9	Kartarpur	4.00	Nil	4.00	4.00	Funds already tied up	Funds already tied up	Under Construction	31.12.2022
10	Nurmahal	2.60	2.60	Nil	Nil	NA	NA	NA	NA
11	Shahkot	3.00	3.00	Nil	Nil	NA	NA	NA	NA

12	Goraya	4.00	Nil	4.00	4.00	Funds already tied up	Funds already tied up	Under Construction	31.12.2022
13	Phillaur	6.00	5.60	0.40	3.00 (up-gradation of existing STP of capacity 2.6 MLD with capacity enhancement)	6.12	-	DPR approved by technical committee	24 Months after receipt of funds.
14	Bilga	2.00	Nil	2.00	2.00	45.0 (including laying of sewerage network of length 34.58 km)	Swach Bharat Mission	Estimate prepared	24 Months after receipt of funds and allocation of land for STP.

The details of STPs installed and in operation in Distt. Jalandhar incorporating location, capacity, technology and disposal is as under:

Sr. No	STP Location	STP installed capacity	Technology (UASB/ASP/OP/SBR/MBR/FAB Etc.)	Disposal (land, river sea or any other)
1.	Pholriwal (M.C Jalandhar)	100 MLD	UASB	Into Garha Drain, Leading to East bein, ultimately into river Satluj
2.	Pholriwal, (M.C Jalandhar)	25 MLD	SBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj

3.	Pholriwal, (M.C Jalandhar	25 MLD	SBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
4.	BastiPir Dad, Jalandhar (M.C Jalandhar)	50 MLD	SBR	Into Kala Sanghia Drain, Leading to East bein, ultimately into river Satluj
5.	Bambiwali Jalandhar, (M.C Jalandhar)	10 MLD	SBR	Into East bein, ultimately into river Satluj
6.	Jaitewali, Hoshiarpur Road, Jalandhar (M.C Jalandhar)	25 MLD	SBR	Into Jandu Singha Drain, Leading to East bein, ultimately into river Satluj
7.	M/s Garrison Engineer (East), Jalndhar Cantt-1 (MES)	3 MLD	MBBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
8.	M/s Garrison Engineer (East) Jalndhar Cantt-II (MES)	3 MLD	MBBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
9.	M/s Garrison Engineer (East) Jalndhar Cantt (MES)	0.4 MLD	MBBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
10.	M/s Garrison Engineer (West) Jalandhar Cantt-I (MES)	1.5 MLD	MBBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
11.	M/s Garrison Engineer (West) Jalandhar Cantt-II (MES)	1.5 MLD	MBBR	Into Garha Drain, Leading to East bein, ultimately into river Satluj
12.	Phillaur North, (M.C Philluar)	2.6 MLD	WSP	Partly for irrigation and remaining into Theing drain leading to River Sutlej
13.	Phillaur South, (M.C Phillaur)	3 MLD	MBBR	Partly for irrigation and remaining Into River Sutlej through underground concrete pipeline.
14.	Nurmahal, (M.C Nurmahal)	2.6 MLD	MBBR	For irrigation
15.	Nakodar (M.C Nakodar)	6 MLD	MBBR	Into River Sutlej through underground concrete pipeline.
16.	Shahkot	3 MLD	SBR	Partly for irrigation and remaining Into River Sutlej through underground concrete pipeline.

Detail of STPs under installation for treatment of domestic effluent in Distt. Jalandhar is as under:-

Sr. No	STP	Capacity	Technology	Preparation of DPR	Tendering of the work including allotment	Commencement of work	Completion and commissioning
1	Focal Point, Jalandhar	5 MLD	MBBR	Completed	Completed	Work Started at site.	30.09.2021
2	Basti Peer dad, Jalandhar	15 MLD	SBR	Completed	Completed	Yet to start	30.08.2022
3	Pholriwal, Jalandhar	50 MLD	SBR	Completed	Completed	Work Started at site.	30.06.2022
4	Up gradation of existing STP Pholriwal, Jalandhar From UASB to SBR Tech	100 MLD	SBR	Completed	Completed	Work Started at site.	30.06.2022
5	Bhogpur, Jalandhar	4 MLD	-	Completed	In process	work to start after allotment of tender	24 Months after receipt of funds.
6	Kartarpur, Jalandhar	4 MLD	-	Completed	Completed	Work Started at site.	31.12.2022
7	Adampur, Jalandhar	3 MLD	-	Completed	Completed	Work Started at site.	31.12.2022
8	Alawalpur,	2 MLD	-	In process	Process yet to	Not started	24 Months after receipt of funds and

	Jalandhar				start after completion of DPR		allocation of land for STP.
9	Goraya	4 MLD	-	Completed	Completed	Work Started at site.	31.12.2022
10	Lohian Khas	2.5 MLD	-	In process	Process yet to start after completion of DPR	Not started	24 Months after receipt of funds and allocation of land for STP.
11	Mehatpur	2 MLD	-	In process	Process yet to start after completion of DPR	Not started	24 Months after receipt of funds and allocation of land for STP.
12	Bilga	2 MLD	-	In process	Process yet to start after completion of DPR	Not started	24 Months after receipt of funds and allocation of land for STP.
13	Phillaur	3 MLD (up-gradation of existing STP of capacity 2.6 MLD with capacity enhancement)	-	Completed	Yet to start	Not started	24 Months after receipt of funds.

Annexure - A4

Sr. No.	Name of Town	Underground Sewerage Network (in Km.)	Existing (in Km.)	Gap (in Km.)	Proposed (in Km.)	Funds required	Source of funding	Present status	Timelines
1	Jalandhar	1616	1616	Nil	Nil	Nil	NA	NA	NA
2	Cantonment Board	21.5	21.5	Nil	Nil	Nil	NA	NA	NA
3	Bhogpur	35.34	Nil	35.34	35.34	47.05 (including STP of 4 MLD)	Swachh Bharat Mission	Estimate prepared	24 Months after receipt of funds.
4	Mehatpur	37.28	Nil	37.28	37.28	47.96 (including STP of 2 MLD)	Swachh Bharat Mission	Estimate prepared	24 Months after receipt of funds
5	Lohian	33.82	Nil	33.82	33.82	47.58 (including STP of 2.5 MLD)	Swachh Bharat Mission	Estimate prepared	24 Months after receipt of funds.
6	Alawalpur	17.48	Nil	17.48	17.48	20.95 (including STP of 2 MLD)	Swachh Bharat Mission	Estimate prepared	24 Months after receipt of funds
7	Nakodar	87.77	84.54	3.23	Nil	-	-	Work in progress	31.03.2022
8	Adampur	44.94	22.65	22.29	7.94	-	-	-	--
9	Kartarpur	32.99	32.99	Nil	Nil	NA	NA	NA	NA
10	Nurmahal	41.25	41.25	Nil	Nil	NA	NA	NA	NA
11	Shahkot	42.03	42.03	Nil	Nil	NA	NA	NA	NA
12	Bilga	34.58	Nil	34.58	34.58	45.0 (including STP of 2 MLD)	Swachh Bharat Mission	Estimate prepared	24 Months after receipt of funds

ANNEXURE A-5

Domestic sewage Management under Swach Bharat Mission (G) Phase-2

Sr No	Name of District	Name of Block	Name of Panchayat	Present Population of Village		Total Project cost (in lacs)	Fund Convergence						
							SBM(G) Share (as per population)			15th FC Share	Total Funds by SBM(G) & 15th FC (9+10) (in lacs)	MGNRE GA	Any Other Source
							Central Share (60%) in Lacs	State Share (40%) in Lacs	Total (7+8)	30% (In lacs)			
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Jalandhar	ADAMPUR	BEAS PIND	3003		26.11	3.53	2.35	5.89	2.52	8.41	12.00	5.70
2	Jalandhar	ADAMPUR	CHUHARW ALI	3883		26.11	4.57	3.04	7.61	3.26	10.87	11.00	4.24
3	Jalandhar	ADAMPUR	RAOWALI	2300		19.15	2.70	1.80	4.51	1.93	6.44	10.00	2.71
Total				9186		71.37	10.80	7.20	18.00	7.72	25.72	33.00	12.65
4	Jalandhar	Bhogpur	Bhatnura Lubana	3203		26.11	3.77	2.51	6.28	2.69	8.97	16.14	1.00
5	Jalandhar	Bhogpur	Binpalke	1735		26.11	2.04	1.36	3.40	1.46	4.86	19.25	2.00
6	Jalandhar	Bhogpur	Ghorewahi	1926		26.11	2.26	1.51	3.77	1.62	5.39	18.22	2.50
Total				6864		78.33	8.07	5.38	13.45	5.77	19.22	53.61	5.50
7	Jalandhar		Jal.East	Chitti	3276	19.15	3.85	2.57	6.42	2.75	9.17	9.98	0.00

District Environment Plan Jalandhar

8	Jalandhar	Jal.East	Udhopur	610	19.15	0.72	0.48	1.20	0.51	1.71	14.75	2.69
	Total			3886	38.30	4.57	3.05	7.62	3.26	10.88	24.73	2.69
9	JALANDHAR	Jalandhar West	Athoula	3200	26.11	3.76	2.51	6.27	2.69	8.96	15.15	2.00
10	JALANDHAR	Jalandhar West	Bal	2308	26.11	2.71	1.81	4.52	1.94	6.46	18.65	1.00
11	JALANDHAR	Jalandhar West	Chamiara	859	26.11	1.01	0.67	1.69	0.72	2.41	23.20	0.50
12	JALANDHAR	Jalandhar West	Kahlwan	2123	26.11	2.49	1.66	4.16	1.78	5.94	10.17	10.00
13	JALANDHAR	Jalandhar West	Khusropur	1413	26.11	1.66	1.11	2.77	1.19	3.96	18.15	4.00
14	JALANDHAR	Jalandhar West	Sarai Khas	4999	26.11	5.88	3.92	9.80	4.20	14.00	11.11	1.00
	Total			14902	156.66	17.53	11.68	29.21	12.52	41.73	96.43	18.50
15	JALANDHAR	Lohian Khas	Gidderpindi	2181	14.39	2.56	1.71	4.27	1.83	6.11	8.28	0.00
16	JALANDHAR	Lohian Khas	Jakopur Kalan	659	4.34	0.77	0.52	1.29	0.55	1.85	2.49	0.00
17	JALANDHAR	Lohian Khas	Manak	1116	7.36	1.31	0.87	2.19	0.94	3.12	4.24	0.00
	Total			3956	26.09	4.65	3.10	7.75	3.32	11.08	15.01	0.00
18	JALANDHAR	MEHATPUR	HARIPUR	1744	11.51	2.05	1.37	3.42	1.46	4.88	2.32	4.31
19	JALANDHAR	MEHATPUR	PANDORI KHAASS	2043	13.48	2.40	1.60	4.00	1.72	5.72	2.72	5.04
20	JALANDHAR	MEHATPUR	BAGELA	1514	9.99	1.78	1.19	2.97	1.27	4.24	2.01	3.74
21	JALANDHAR	MEHATPUR	BULANDA	1014	6.69	1.19	0.80	1.99	0.85	2.84	1.35	2.50
22	JALANDHAR	MEHATPUR	AULAKH	955	6.30	1.12	0.75	1.87	0.80	2.67	1.27	2.36

District Environment Plan Jalandhar

	Total		7270		47.97	8.55	5.70	14.25	6.11	20.35	9.67	17.95
23	JALANDHAR	NAKODAR	UGGI	4117	14.33	4.84	3.23	8.07	3.46	11.53	2.31	0.50
24	JALANDHAR	NAKODAR	LITTRAN	1815	6.30	2.13	1.42	3.56	1.52	5.08	1.02	0.20
25	JALANDHAR	NAKODAR	Kangna	1260	4.43	1.48	0.99	2.47	1.06	3.53	0.71	0.20
	Total		7192		25.07	8.46	5.64	14.10	6.04	20.14	4.03	0.90
26	Jalandhar	Nurmahal	Gorsian Peeran	1000	19.15	1.18	0.78	1.96	0.84	2.80	16.35	0.00
27	Jalandhar	Nurmahal	Chuheki	2062	34.49	2.42	1.62	4.04	1.73	5.77	28.72	0.00
28	Jalandhar	Nurmahal	Umarpur Kalan	1163	19.15	1.37	0.91	2.28	0.98	3.26	15.89	0.00
	Total		4225		72.79	4.97	3.31	8.28	3.55	11.83	60.96	0.00
29	Jalandhar	Phillaur	Katpalo	2500	19.15	2.94	1.96	4.90	2.10	7.00	10.00	2.15
30	Jalandhar	Phillaur	Dosanjh Kalan	3883	19.15	4.57	3.04	7.61	3.26	10.87	8.28	0.00
31	Jalandhar	Phillaur	Apra	3100	19.15	3.65	2.43	6.08	2.60	8.68	10.00	0.47
32	Jalandhar	Phillaur	Apra	3100	19.15	3.65	2.43	6.08	2.60	8.68	10.00	0.47
	Total		12583		76.60	14.81	9.86	24.67	10.56	35.23	38.28	3.09
33	JALANDHAR	Rurka Kalan	Pandori Musharka ti	1543	19.15	1.81	1.21	3.02	1.30	4.32	10.00	4.83
34	JALANDHAR	Rurka Kalan	Daduwal	2639	26.11	3.10	2.07	5.17	2.22	7.39	8.39	10.33
35	JALANDHAR	Rurka Kalan	Rurka kalana	7467	49.28	20.70	13.80	34.50	14.78	49.28	0.00	0.00

District Environment Plan Jalandhar

	Total		11649		94.54	25.62	17.08	42.70	18.29	60.99	18.39	15.16
36	Jalandhar	Shahkot	Dhandowal	1873	9.99	2.20	1.47	3.67	1.57	5.24	2.01	2.74
37	Jalandhar	Shahkot	Kotla Suraj Mal	1113	13.48	1.31	0.87	2.18	0.94	3.12	2.72	7.64
38	Jalandhar	Shahkot	Talwandi Butian	2889	11.51	3.40	2.27	5.66	2.43	8.09	2.32	1.10
	Total		5875		34.98	6.91	4.61	11.52	4.94	16.45	7.05	11.48
	Grand Total		87588		722.70	114.93	76.61	191.54	82.07	273.61	361.16	87.92

Annexure A-6

Timeline for Use of Treated water from STP by using underground pipeline for irrigation to Agriculture

Sr.No	Name of STP	Discharge	No of beneficiary	Village covered	Command Area	Tentative cost (approx) (in Cr)	ATR	Tentative timeline for completion of underground pipeline to be used for irrigation to Agriculture
1	Focal Point, Jalandhar	5 MLD	-	-	-	-	Not feasible due to non availability of command area	-
2	Jalandhar	100 MLD	-	-	-	-		
3	Pholriwal-2	25 MLD	-	-	-	-		
4	Pholriwal-3	25 MLD	-	-	-	-		
5	Bambiawal	10 MLD	57	Bambiawal, Kukarpind	548 acre	4.5	Tentative estimate prepared and project is sanctioned under NABARD-RIDF25. Funds not released yet	*31.03.2022
6	Jaitewali	25 MLD		Jaitewali, Jandusingha, Patara, Bolina	700 acre	9.55	Tentative estimate prepared and project is sanctioned under NABARD-RIDF25. Funds not released yet	*31.08.2022
7	Basti Peer Dad	25 MLD	119	Gill, Basti Peer Dad, Sangalsohal, Chamara,	1051 acre	9.95	Project estimate is prepared under Smart City	*31.08.2022

				Safipur, Gakhal				
8	Bhogpur	4 MLD	-	-	-	-	Estimate prepared for STP construction by Nodal Department	*31.12.2024
9	Alawalpur	2 MLD	-	-	-	-	Estimate prepared for STP construction by Nodal Department	*31.12.2024
10	Kartarpur	4 MLD	-	-	-	-	STP under construction	*31.12.2024
11	Adampur	2 MLD	-	-	-	-	STP under construction	*31.12.2024
12	STP South (Nangal)	3.0 MLD	28	Phillaur, Nangal	80 Hac	Project completed	Working	-
13	STP Noormahal	2.6 MLD	25	Bhalowal, Noormahal	105 Hac	Project completed	Working	-
14	STP Phillaur (North)	2.6 MLD	-	-	-	Tentative Project submitted	STP is working on old technology (DWP) hence treated water not fit for irrigation. Once water report is found to be fit for irrigation then revised estimate will be submitted	-
15	Nakodar	6 MLD	51	Mohalla Guru Nanakpura Nakodar	180 Hac/4804 mtr	Project completed	Project is under maintenance	-

16	STP shahkot	3 MLD	22	Dherian, Sarangwal and Bajwa Kalan	60 Hac/4029 mtr	1.5 cr	Tentative estimate prepared and project is sanctioned under NABARD-RIDF25. Funds not released yet	*31.08.2022
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Detail of STPs under installation for treatment of domestic effluent in Distt. Jalandhar is as under:-

Sr.No	STP	Disharge	Technology	Present status of STP	Tentative timeline of
1	Goraya	4 MLD	-	STP is under constriction	* 2 years after completion of STP
2	Lohian Khas	2.5 MLD	-	Not started	* 2 years after completion of STP
3	Mehatpur	2 MLD	-	Not started	* 2 years after completion of STP
4	Bilga	2 MLD	-	Not started	* 2 years after completion of STP
5	Phillaur	3 MLD	-	Not started	* 2 years after completion of STP