

District Environment Plan Gurdaspur



District Administration
Gurdaspur

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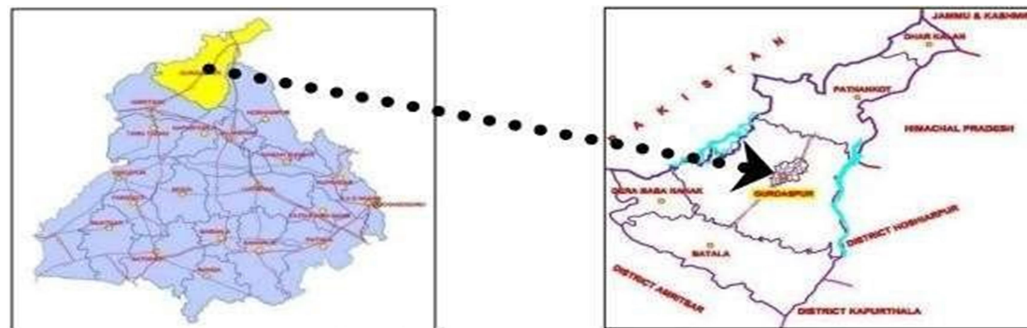
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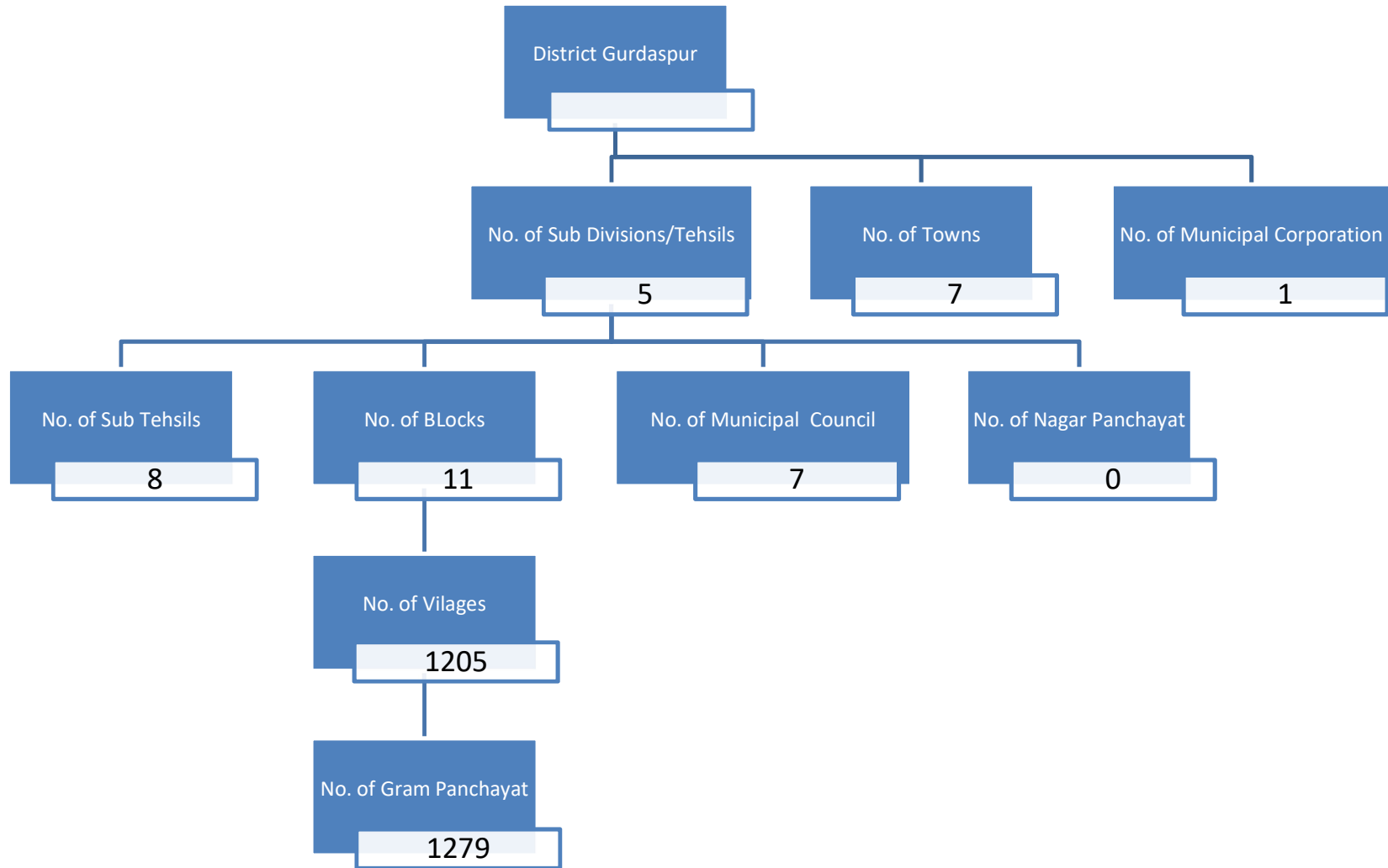
1. DISTRICT PROFILE

The Gurdaspur district is one of the four border districts of Punjab, the other three are namely Amritsar, Tarn Taran and Ferozepur. The district shares boundaries with Kathua district of Jammu & Kashmir in the north, Chamba and Kangra districts of Himachal Pradesh in the north-east respectively, Hoshiarpur district in the south-east, Kapurthala district in the south, Amritsar district in the south-west and Pakistan in its north-west. The district lies between north-latitude 31°-36' and 32°-34' and east longitude 74°-56' and 75°-24'. The Chakki River separates the Gurdaspur district from the Kangra district (Himachal Pradesh) on the east and the Beas River separates it from the Hoshiarpur district in the south-east and Kapurthala district in the south. Gurdaspur district due to its alluvial soil has strength mostly because of agro-based activities. A Portion of the district is also situated beyond the River Ravi. Gurdaspur M.C.I is the administrative headquarter of the district. It is important city located in Majha region of Northern part of Punjab. The city is well connected by roads and is located at a distance of about 215 km from Chandigarh and about 464 km from Delhi.

District Gurdaspur in the map of Punjab



(i) District Administrative Set-up



(ii) **Natural Resources**

• **Water bodies**

River Beas

River Beas is raising from the southern face of the Rohtang Pass in Kullu at an altitude of about 4,062 meters, traversing the districts of Kullu, Mandi and Kangra in Himachal Pradesh. All through its course, a strip of shallow alluvial soil fringes its banks which are subject to inundation during the rainy season. The main channel of the river is broad, dotted with islands and wide pools. The depth of water varies from about 1.5 meters during the dry seasons to about 4.5 meters during the rainy seasons.

River Chakki

The Chakki Khad is the chief tributary of the Beas. This stream rise in the hills surrounding Dalhousie and for some distance forms the boundary of the district with Kangra. After collecting the drainage of the Chamba Hills, it joins the Beas near Mirthal.

River Ravi

After traversing the mountainous areas of Himachal Pradesh, it enters the district. With its general south – western course, it forms the boundary between the Punjab and the Jammu and Kashmir State for about 40 km. Further, it traverse well within the territory of the district for about 26 km till reaches Mirzapur, from where it again marks roughly the western boundary of the district and the international boundary between India and Pakistan for a distance of about 58 km. A

number of tributaries join it from both sides. On its right bank it is joined by the Ujh, the Jalalia, the Shingarwan and the Masto, all of which rise in the Jammu hills. Like other rivers of the Punjab, the discharge of the Beas and the Ravi fluctuates from season to season and year to year. The drive winters have only a trickle of water in these rivers. As summer approaches, the melting of snow in their forces in their source areas releases more water. The rivers are swollen into floods during the rainy seasons. The fluctuating discharge of the rivers does not permit their navigational use.

• **Availability of water resources**

The major source is ground water. As per CGWA report the ground water development in all the block of the District has been categorized as safe. The net annual ground water availability of District is 1852.56 mcm.

• **Forest coverage**

The Detail of Forest area of District Gurdaspur is as under:-

Sr. no.	Category of area	Ownership	Area in Ha
1.	Reserve Forests	Govt., of Punjab	0
2.	Protected Forest	Govt., of Punjab	538.08
3.	Un-classed Forest	Govt., of Punjab	37.47
Total Block Forest			575.55

Strips Forest (Protected Forest)			
4.	Road Strips (P.F)	Govt., of Punjab	1002.7
5.	Railway Strips (P.F)	Govt., of India	414.88
6.	Canal Strips (P.F.)	Govt. of Punjab	2949.8
7.	Dhussi Bands (P.F.)	Govt. of Punjab	1478
Total Strips Forest (Protected Forest)			5845.38
Total Forest Area			6420.93

(iii) Geography & Demography

Sr. No.	Title	District Gurdaspur	Punjab State
1.	Area (Sq Km)	2610 sq. KM	50,362
2.	Population (in Lakh)	21.56	277.04
3.	Rural Population (in Lakh)	16.39	173.2
4.	Urban Population (In Lakh)	6.59	103.84
5.	Density of Population (per Sq km)	649	550
6.	Literacy %	79.95	76.7
7.	Sex Ratio (Females per thousand)	895	893

The total area of District Gurdaspur is 2610 km² having population 21.56 lakhs. The rural population of District Gurdaspur is 16.39 lakh and urban population of District Gurdaspur is 6.59 Lakh. The literacy rate of District Gurdaspur is 79.95 %

(iv) Land-use pattern

Sr. No.	Title	Data of District Gurdaspur (2020-21)
1.	Total Geographical Area (in Sq km)	2610
2.	Area under Forest (in Ha)	6420.93
3.	Net Area Sown (In Ha)	28800
4.	Gross Cropped Area (in Ha)	51200
5.	Total Area irrigated (in Ha)	20900
6.	% of Net Area irrigated to Total area sown	82 %

The total Geographical Area of District Gurdaspur is 2610 km². The Net area sown & irrigated is 28800 hectare. The gross cropped area is 51200 hectare of District Gurdaspur as per financial year 2020-21.

Climate

Gurdaspur district is a district in the Majha region of the state of Punjab, India. Two main rivers Beas and Ravi passes through the district. There are mainly two seasons i.e. summer and winter. The summer season falls between the months of April to July and the winter November to March. In summer season the temperature touches 44 Â°C and sometimes higher. June is the hottest month and January is the coldest one. Mostly the rain falls in the month of July. The winter rains are experienced during January and February. Dust storms occurs in the month of May and June.

ACTION PLAN

2. WASTE MANAGEMENT PLAN

(i) Solid Waste Management

(a) Current status related to solid Waste management

Sr. No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated (MT per day)
1.	Municipal Corporation, Batala	50	44576	182165	55
2.	Nagar Council, Gurdaspur	27	15045	229238	18
3.	Nagar Council, Qadian	15	4889	27176	5
4.	Nagar Council, Shri Hargobindpur	11	1595	9477	2
5.	Nagar Council, Fatehgarh Churian	13	4730	15031	3
6.	Nagar Council, Dhariwal	13	3482	19288	4
7.	Nagar Council, Dera Baba Nanak	11	1170	7353	1
8.	Nagar Council, Dinanagar	15	5637	27572	6
	Total	155	81124	517300	94

Sr. No.	Local Bodies	No of Village Panchayats / Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Villages Panchayats	1279	312300	1639004	196.68

(b) **Identification of gaps and Acton plan:**

Sr. No.	Action points For villages /blocks /town municipalities/ corporations City	Identification of gap	Action Plan	Responsibl e agencies	Timeline for completion ofaction plan
1.	Segregation				
I.	Municipal Corporation Batala	85% Source Segregation is achieved	Separate State Level Action Plan has been prepared for management of Solid Waste. Further, door to door awareness regarding source segregation and home composting is being done.	MC, Batala	31.03.2022
II.	Municipal Council, Gurdaspur	90% Source Segregation is achieved		MC Gurdaspur	31.03.2022
III.	Municipal Council, Qadian	90% Source Segregation is achieved		MC Qadian	31.03.2022
IV.	Municipal Council, Dhariwal	95% Source Segregation is achieved		MC, Dhariwal	31.03.2022
V.	Municipal Council, Dinanagar	90% Source Segregation is achieved		MC, Dinanagar	31.03.2022
VI.	Municipal Council, Shri Hargobindpur	88% Source Segregation is achieved		MC, Shri Hargobindpur	31.03.2022
VII.	Municipal Council, Fatehgarh Churian	95% Source Segregation is achieved		MC, Fatehgarh Churian	31.03.2022
VIII.	Municipal Council, Dera Baba Nanak	95% Source Segregation is achieved		MC, Dera Baba Nanak	31.03.2022
IX.	Village Panchayat (1279)	Yet to be provide		Yet to be prepared at State Level	DDPO & Xen, Panchayati Raj

					project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
2.	Sweeping				
	(i) Manual Sweeping				
	Municipal Corporation Batala.	Municipal Corporation Batala doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Batala	31.03.2022
II.	Municipal Council, Gurdaspur	Municipal Council, Gurdaspur doing sweeping Twice in a day in all commercial areas, residential areas & Public places.	Not Required	MC Gurdaspur	Activity Completed.
III.	Municipal Council, Qadian	Municipal Council, Qadian doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC Qadian	31.03.2022
IV.	Municipal Council, Dhariwal	Municipal Council, Dhariwal doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Dhariwal	31.03.2022
V.	Municipal Council, Dinanagar.	Municipal Council, Dinanagar doing sweeping once in a day in all	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Dinanagar	31.03.2022

		commercial areas, residential areas & Public places.			
VI.	Municipal Council, Shri Hargobindpur.	Municipal Council, Shri Hargobindpur doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Shri Hargobindpur	31.03.2022
VII.	Municipal Council, Fatehgarh Churian.	Municipal Council, Fatehgarh Churian doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Fatehgarh Churian	31.03.2022
VIII.	Municipal Council, Dera Baba Nanak.	Municipal Council, Dera Baba Nanak doing sweeping once in a day in all commercial areas, residential areas & Public places.	Manpower is required for achieving manual sweeping target of twice in a day.	MC, Dera Baba Nanak	31.03.2022
IX.	Villages Panchayat (1279)	Yet to be provided	Yet to be prepared at State Level	DDPO & Xen, Panchayati Raj	Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
3	Waste Collection				
(i)	100% collection of solid waste	• 100% collection achieved by all ULBs.	Not Required for all ULBs as 100% targeted achieved	ULB's, Department	Activity Completed.

		<ul style="list-style-type: none"> • Villages panchayats yet to be provided. 		of Urban Development DDPO	
(ii)	Arrangement for door to door collection	<ul style="list-style-type: none"> • Municipal Corporation, Batala- 5 E- Rickshaws, 60 Tricycles & 32 Thellas. • Municipal Council, Gurdaspur- 3 E- Rickshaw, 72 Tricycles. • Municipal Council, Qadian- 20 E-Rickshaws. • Municipal Council, Dhariwal- 19 Tri- cycle. • Municipal Council, Dinanagar- 3 E- Rickshaws • Municipal Council, Shri Hargobindpur- 12 E- Rickshaws • Municipal Council, Fatehgarh Churian- 13 E- Rickshaws, 15 Tricycle. • Municipal Council, Dera Baba Nanak- 6 E- Rickshaws. • Arrangement for Villages Panchayats (1279) = Yet to be provided 	Villages Panchayats = Yet to be prepared at State		Timelines for preparation of action plan = 31.03.2022

			Level		Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
(iii)	Waste Collection trolleys with separate Compartments	<ul style="list-style-type: none"> • Municipal Corporation, Batala- 9 Tractor Trollies • Municipal Council, Gurdaspur- 5 Tractor Trollies • Municipal Council, Qadian- 2 Tractor Trollies • Municipal Council, Dhariwal- 2 Tractor Trollies • Municipal Council, Dinanagar- 3 Tractor Trollies • Municipal Council, Shri Hargobindpur- 1 Tractor Trollies • Municipal Council, Fatehgarh Churian- 2 Tractor Trollies • Municipal Council, Dera Baba Nanak- 2 Tractor 	Adequate as no requirement raised by the ULBs.		

		Trollies			
		<ul style="list-style-type: none"> Villages Panchayats (1279) = Yet to be provided 			
(iv)	Mini Collection Trucks with separate compartments	<ul style="list-style-type: none"> Not available with MCs Villages Panchayats (1279) = Yet to be provided. 	Villages Panchayats (1279) = Yet to be prepared at State Level		<p>Timelines for preparation of action plan = 31.03.2022</p> <p>Timelines for starting of project = 30.06.2022</p> <p>By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages</p>
(v)	Waste Deposition centers (WDC) (for domestic hazardous wastes)				
I.	Municipal Corporation Batala.	Required = 09 Installed = 0	MCs are planning to install bins for domestic Hazardous Waste.	MC, Batala	31/03/2022
II	Municipal Council, Gurdaspur	Required = 7 Installed =0		MC, Gurdaspur	31/03/2022
II	Municipal Council, Qadian	Required = 2 Installed = 0		MC, Qadian	31/03/2022
IV	Municipal Council, Dhariwal	Required = 3 Installed = 0		MC, Dhariwal	31/03/2022
V	Municipal Council, Dinanagar.	Required = 2 Installed = 0		MC, Dinanagar	31/03/2022
V	Municipal Council, Shri Hargobindpur.	Required = 2 Installed = 0		MC. Shri Hargobindpur	31/03/2022
V	Municipal Council, Fatehgarh Churian.	Required = 2 Installed = 0		MC, Fatehgarh Churian.	31/03/2022
V	Municipal Council, Dera Baba Nanak.	Required = 2 Installed = 0		MC, Dera Baba Nanak.	31/03/2022

I)	Villages Panchayat (1279)	Required=1279 Installed=0	Action plan is yet to be prepared at State Level.	DDPO & XEN Panchayati Raj	Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
4 Waste Transport					
	Review existing infrastructure	(i) Whether existing fleet is adequate. (ii) Check whether segregated Waste transport possible etc.	Action Plan for short comings identified		
(i)	Bulk Waste Trucks	Municipal Corporation, Batala has provided 02 no. Bulk Waste Trucks & MC, Gurdaspur has provided 1 Tipper, 3 Canter. Remaining 06 no. ULB's has provided bulk waste trucks = Nil	Proposal for the procurement of the machinery has been made by MC's.	MCs	31.03.2022
(ii)	Waste Transfer points	MC, Batala and all MC's have provided adequate no. of waste transfer points.	No Gap	MCs	-
5 Waste Treatment and Disposal					
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules).	<ul style="list-style-type: none"> • Municipal Corporation, Batala- 22 nos. BWG • Municipal Council, Gurdaspur- 24 nos. BWG 	Bulk waste generators are directed to ensure compliance.	MCs	30/06/2022

		<ul style="list-style-type: none"> • Municipal Council, Qadian- 2 nos. BWG • Municipal Council, Dhariwal- 2 nos. BWG • Municipal Council, Dinanagar- 9 nos. BWG • Municipal Council, Shri Hargobindpur- 2 nos. BWG • Municipal Council, Fatehgarh Churian- 12 nos. BWG • Municipal Council, Dera Baba Nanak- 01 no. BWG 			
(ii)	Wet-waste Management: Facilities for central Bio-Methanation/ Composting of wets waste.				
I.	Municipal Corporation Batala.	115 no. compost pits constructed Required=141	MC, Batala has proposed to provide adequate no. of pits within time line.	MC, Batala	31/03/2022
II	Municipal Council, Gurdaspur	Constructed=92 Required=140	MC, Gurdaspur has proposed to provide adequate no. of pits within time line.	MC, Gurdaspur	31/03/2022
II	Municipal Council, Qadian	Constructed=28.	No Gap	MC, Qadian	Activity Completed

		Required=28			
IV	Municipal Council, Dhariwal	Constructed=25. Required=25	No Gap	MC, Dhariwal	Activity Completed
V	Municipal Council, Dinanagar.	Constructed=43. Required=58	MC, Dinanagar has proposed to provide adequate no. of pits within time line.	MC, Dinanagar	31/03/2022
V	Municipal Council, Shri Hargobindpur.	Constructed=13. Required=13	No Gap	MC, Shri Hargobindpur	Activity Completed
V	Municipal Council, Fatehgarh Churian.	Constructed=70. Required=70	No Gap	MC, Fatehgarh Churian	Activity Completed
V	Municipal Council, Dera Baba Nanak.	Constructed=18. Required=10	MC, Dera Baba Nanak has proposed to provide adequate no. of pits within time line.	-	31/03/2022
Ix	Village Panchayat (1279)	Yet to be provided	Action Plan yet to be prepared	DDPO and XEN Panchayati Raj	Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	MC, Batala Required - 7 no. Provided - 3 no. MC, Gurdaspur Required - 4 no. Provided - 3 no. MC, Qadian Required - 1 no.	MC, Batala and MC, Gurdaspur has proposed to provide adequate no. of MRF's within time line.	MC, Batala and MC, Gurdaspur	31/03/2022

		<p>Provided - 1 no</p> <p>MC, Dhariwal Required - 1 no. Provided - 1 no.</p> <p>MC, Dinanagar Required - 1 no. Provided - 1 no.</p> <p>MC, Shri Hargobindpur Required - 1 no. Provided - 1 no.</p> <p>MC, Fatehgarh Churian Required - 1 no. Provided - 1 no.</p> <p>MC, Dera Baba Nanak Required - 1 no. Provided - 1 no.</p> <p>Villages Panchayat (1279)</p>			
			Plan yet to be prepared	DDPO and XEN Panchayai Raj	<p>Timelines for preparation of action plan = 31.03.2022</p> <p>Timelines for starting of project = 30.06.2022</p> <p>By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages</p>
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Yet to be provided by the ULBs	No Action Plan submitted.	MC, Batala and Department of urban	Timeline 31.03.2022 (ULBs)

		Villages Panchayat (1279) = Yet to Established		development	Villages Panchayat = (1279) Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
(v)	Remediation of historic / legacy dumpsite				
i.	Municipal Corporation, Batala	1500 MT Legacy waste present at site and approx. 20% has been treated.	Yet to complete within timeline.	MC, Batala	31/12/2022
ii.	Municipal Council, Gurdaspur.	950 MT Legacy waste present at site and approx. 25% has been treated.	Yet to complete within timeline.	MC, Gurdaspur	31/12/2022
iii.	Municipal Council, Qadian	520 MT Legacy waste present at site and approx. 35% has been treated.	Yet to complete within timeline.	MC, Qadian	31/12/2022
iv.	Municipal Council, Dhariwal	480 MT Legacy waste present at site and approx. 20% has been treated.	Yet to complete within timeline.	MC, Dhariwal	31/12/2022
v.	Municipal Council, Dinanagar.	250 MT Legacy waste present at site and approx. 30% has been treated.	Yet to complete within timeline.	MC, Dinanagar	31/12/2022
vi.	Municipal Council, Shri Hargobindpur.	No legacy waste is present at site	Not required	MC, Shri Hargobindpur	Not required
vii.	Municipal Council, Fatehgarh Churian.	1500 MT Legacy waste present at site and approx. 15% has been treated.	Yet to complete within timeline.	MC, Fatehgarh Churian	31/12/2022
viii.	Municipal Council, Dera Baba Nanak.	No legacy waste is present at site	Not required	MC, Dera Baba Nanak	Not required
ix.	Villages Panchayat (1279)	Not Started	Due to large number of	DDPO	Villages Panchayats (1279)

			legacy Dumpsite, scheme is yet to be prepared accordingly.		Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
x.	Involvement of NGOs	Yes, NGO namely Feedback Foundation has involved.	NGO has been identified for the purpose.	MC, Batala, All MCs, UD, and DDPO	Regular Activity
xi.	EPR of Producers: Linkage with Producers / Brand Owners	Linkage with Producers / Brand Owners	All the producer/brand owners are being directed to submit the action plan for the disposal of its plastic waste under extended producer responsibility.	MCS and Department of urban development	30.06.2022
xii.	Authorization of Waste Pickers	Yes	As per requirement, authorization of waste pickers will be carried out.	MCS, All MCs, UD, and DDPO	Regular Activity
xiii	Preparation of own by-laws to comply with SWM Rules 2016	MC, Batala and All MCs Prepared. DDPO (for villages 1205) yet to be prepared	MCS and All MCs Prepared. DDPO (for villages 1205) yet to be prepared	MCS, All MCs and DDPO	Activity Completed by MCs (BDPO) Villages Panchayats = (1279) timeline 31.03.2022
xiv	Removal of garbage vulnerable points(GVPs)	<u>Municipal corporation Batala</u> All the 15 identified (GVPs) have been removed and 10 no. GVPs have been converted into useful purposes.	No gap, as activity Completed	All ULBs (Municipal Corporation, Municipal Councils) of the district.	Activity Completed

		<u>Remaining 07 Municipal Council</u> All the identified (GVPs) have been removed by the all MCs.			
xv.	Provision of green belt and boundary wall around solid waste dumping site.	MC, Batala, Gurdaspur and Dhariwal has provided Boundary wall. Remaining 05 Municipal Councils Boundary wall and green belt yet to provide.	Yet to provide within timeline.	All ULBs (Municipal Corporation, Municipal Councils) of the district.	31.12.2021
xvi.	Providing compartments and GPS tracking in garbage carrying vehicles	<ul style="list-style-type: none"> • Municipal Corporation, Batala- 02 Trucks & 9 Tractor Trollies provided with GPS system. • • Municipal Council, Gurdaspur- 1 Tipper, 3 Canter, 2Tata Ace & 5 Tractor Trollies provided with GPS system. • Municipal Council, Qadian- 2 Tractor Trollies & 1 Tata Ace provided with GPS system. • Municipal Council, Dhariwal- 2 Tractor Trollies & 1 Tata Ace provided with GPS system. 	Nil as activity completed	All ULBs (Municipal Corporation and Municipal Councils) of the district.	Activity completed

		<ul style="list-style-type: none"> • Municipal Council, Dinanagar- 3 Tractor Trollies & 2 Tata Ace provided with GPS system. • Municipal Council, Shri Hargobindpur- 1 Tractor Trolley provided with GPS system. • Municipal Council, Fatehgarh Churian- 2 Tractor Trollies provided with GPS system. <p>Municipal Council, Dera Baba Nanak- 2 Tractor Trollies & 3 Tata Ace provided with GPS system.</p>			
xvi	Action Plan for Treatment of leachate generated from legacy waste dumpsite. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	MC, Batala and Remaining 07 MCs. Not started yet	Treatment of Leachate management will be done along with Bio-remediation of legacy waste.	MCS and Department of Urban Development	31/12/2022
xvii	Best practices, including setting up of Control Rooms where citizens can upload photos of garbage which may be looked into by the specified	Swachhata app is widely used by citizens for complaints related to SWM/SBM, It is resolved and monitored at ULB and state level both.	Already completed	All Local bodies	Already in place

	representatives of local bodies, at local level as well as State level. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)				
xix	CCTV cameras be installed at dumping sites. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	CCTV cameras not installed at dump site	Will be installed within timeline	All Local bodies	31/03/2022
xx	Installation of Piezometer at Dump Site. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	Not Installed by MC, Batala and Rest of ULBs.	Will be installed within timeline	Local bodies	31/03/2022
xxi	Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants which are run by adopting rendering process. (Directions of Hon'ble NGT in OA no. 465/2019 dated 15.04.2021)	ULBs have planned to make a cluster and tie-up for scientific disposal of animal carcasses, or Plan for their own clustered project.	For short term measures, The carcass disposal sites (Hadda Rodies) will be provided with boundary walls, Green Belt, plantation, Hedges etc. by 30/06/2022. For Long term measures Process of tie-up or project planning will be achieved by 31.03.2022 at State Level and same will be executed by 31/12/2023.	MCB & EOs of ULBs and ADC (UD)	Short term measures 30/06/2022. Long Term measures 31/12/2023
xxi	Carcass disposal to be done under the supervision Veterinary/Animal Husbandry Department of the State and the Local				

	Bodies. (Directions of Hon'ble NGT in OA no. 465/2019 dated 15.04.2021				
xxi	Management of waste water and solid waste by the unauthorized colonies/residential complex/commercial complex developed by Pvt. Colonizers.	Inadequate management of solid waste and liquid waste in these colonies.	The Colonies either may make arrangement with concerned MC for treatment of wet waste and lifting of dry waste for its scientific disposal or may provide onsite wet waste processing facilities for treatment of wet waste and for management of dry waste, these colonies may agreement with concerned MCs.	PUDA and MCS	31/12/2021 (for identification) 31/12/2023 for management of Solid Waste and Liquid Waste.
xxi	To prepare proposal / scheme for management of solid waste in the villages either in cluster form or independently in individual villages	Inadequate Management of solid waste in the villages.	Scheme is yet to be prepared.	DDPO	Villages Panchayats = (1279) Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
xxv	Information Education and Communication (IEC) activities in respect of solid waste.	The IEC activities in this regard are already being done by the concerned ULBs.	No gap	All ULBs (Municipal Corporation, Municipal Council and Nagar panchayat) of	Regular Activity

				the district	
xxv	Constitution of District Environment Committee in view of the constitution provisions under article 243 G, 241 W and 243 ZD read with scheduled 11, 12 & 15 of SWM Rules, 2016.	Constituted by the State Government.	No Gap	State Government	Activity completed
xxv	Management of carcass in rural area.	Inadequate management of carcass in rural area.	Yet to provide within timeline	DDPO	31.10.2024
xxv	Dry-Waste Management: Material Recovery for dry-waste fraction (RDF)	<ul style="list-style-type: none"> • Municipal Corporation, Batala- 22 nos. BWG • Municipal Council, Gurdaspur- 24 nos. BWG • Municipal Council, Qadian- 2 nos. BWG • Municipal Council, Dhariwal- 2 nos. BWG • Municipal Council, Dinanagar- 9 nos. BWG • Municipal Council, Shri Hargobindpur- 2 nos. BWG • Municipal Council, Fatehgarh Churian- 12 nos. BWG 	Agreement to be made by BWG with concerned MCs	MC, Batala and All MCs in Distt- Gurdaspur.	31/03/2022

		Municipal Council, Dera Baba Nanak- 01 no. BWG			
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(ii) Plastic waste Management

(a) Current status related to Plastic waste management

Sr. No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated MT/per day
1.	Municipal Corporation, Batala	4
2.	Municipal Council, Gurdaspur.	1.8
3.	Municipal Council, Qadian	0.7
4.	Municipal Council, Dhariwal	1.2
5.	Municipal Council, Dinanagar.	1.3
6.	Municipal Council, Shri Hargobindpur.	0.4
7.	Municipal Council, Fatehgarh Churian.	1.0
8.	Municipal Council, Dera Baba Nanak.	0.6
	Total	11.0

Sr. no.	Local Bodies	Estimated quantity of Plastic Waste Generated (in MTD)
1	Villages Panchayats (1279)	13.07

(b) Identification of gaps and Action plan:

S. No.	Action points For village panchayats/ blocks/ municipalities /	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance

	corporations				
1.	Door to Door collection of dry waste including PW	<ul style="list-style-type: none"> All ULBs =100% collection. Villages Panchayats (1279) =Not initiated. 	<ul style="list-style-type: none"> Already Completed For Village Panchayats, Action plan has yet to made 	MCS & DDPO	Activity Completed DDPO:- Villages Panchayats = (1279) Timelines for preparation of action plan = 31.03.2022 Timelines for starting of project = 30.06.2022 By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages
2.	Facilitate organized collection of plastic Waste at Waste transfer point or Material Recovery Facility	<ul style="list-style-type: none"> All ULBs = 100% Collection and adequate MRF facility provided. Villages Panchayats (1279) = Not initiated. 	<ul style="list-style-type: none"> Ban will be proposed on single use plastic as per the guidelines of the Centre and State Government. NGOs are involved for awareness to avoid plastic use. 	MCS & DDPO	MCS = 30.04.2024 DDPO= 31.08.2027

			<ul style="list-style-type: none"> • Registration is being done for waste pickers. 		
3.	Plastic Waste collection Centers	<ul style="list-style-type: none"> • MC, Batala Required - 7 no. Provided - 3 no. • MC, Gurdaspur Required - 4 no. Provided - 3 no. • MC, Qadian Required - 1 no. Provided - 1 no • MC, Dhariwal Required - 1 no. Provided - 1 no. • MC, Dinanagar Required - 1 no. Provided - 1 no. • MC, Shri Hargobindpur Required - 1 no. Provided - 1 no. • MC, Fatehgarh Churian Required - 1 no. Provided - 1 no. 	Yet to provide within timeline	MCS and Department of urban development	31.12.2021.

		<ul style="list-style-type: none"> • MC, Dera Baba Nanak Required - 1 no. Provided - 1 no. • Villages Panchayats (1279)= Not provided yet 			<p>DDPO:- Villages Panchayats = (1279) Timelines for preparation of action plan = 31.03.2022</p> <p>Timelines for starting of project = 30.06.2022</p> <p>By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages</p>
4.	Awareness and education programs implementation	<ul style="list-style-type: none"> • Awareness among public for minimizing and recycling PW is being done on regular basis 	No gap	MCS and Department of urban development	Regular activity..
5.	Access to Plastic Waste Disposal Facilities	<ul style="list-style-type: none"> • MC, Batala Required - 7 no. Provided - 3 no. • MC, Gurdaspur Required - 4 no. Provided - 3 no. • MC, Qadian Required - 1 no. Provided - 1 no • MC, Dhariwal 	Yet to provide within timeline	MCB, MC, Gurdaspur and Department of urban development	31/12/2021.

		<p>Required - 1 no. Provided - 1 no.</p> <ul style="list-style-type: none"> • MC, Dinanagar Required - 1 no. Provided - 1 no. • MC, Shri Hargobindpur Required - 1 no. Provided - 1 no. • MC, Fatehgarh Churian Required - 1 no. Provided - 1 no. • MC, Dera Baba Nanak Required - 1 no. Provided - 1 no. <p>Villages Panchayats (1279)= Not provided yet.</p>			<p>DDPO:- Villages Panchayats = (1279) Timelines for preparation of action plan = 31.03.2022</p> <p>Timelines for starting of project = 30.06.2022</p> <p>By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages</p>
6.	Plastic Industry Registration. Total no. of plastic unit required registration. Total no. of plastic unit obtained registration. (Directions of Hon'ble NGT in EA no. 13/2019)	<ul style="list-style-type: none"> • Total no. of plastic unit required registration = 03 • Total no. of plastic unit obtained registration = 02 • Registration under process= 01 	No gap	PPCB	Regular Activity

	dated 08.01.2021)				
7.	Development and setting up of infrastructure for segregation, collection, storage, transportation, Processing, and disposal of Plastic Waste either on its own for by engaging agencies or producers. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> • Recyclable plastic Plastic waste is collected, transported and stored separately by all ULBs. Currently such plastic is being stored at MRFs. • Villages Panchayat (1279)= Not provided yet. 	Yet to provide within timeline	All Local bodies & DDPO	31/12/2021 DDPO:- Villages Panchayats = (1279) By 31/12/2022 =319 Villages By 31/12/2023= 320 Villages By 31/12/2024= 320 Villages By 31/12/2025= 320 Villages
8.	Framing of bye-laws incorporating the provisions of Plastic Waste Management Rules, 2016. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> • MCS and all MCs = already framed • Rural Panchayats (1279) = yet to prepared 	Yet to frame in rural area	MCS, ADC(UD) and DDPO	31.03.2022
9.	Set up, operationalize and co-ordinate for Plastic Waste	<ul style="list-style-type: none"> • Awareness regarding it is being done to the Gram Panchayat for 	Inadequate Plastic Waste management in Ruler area.	DDPO	31.10.2023

	management in Ruler area. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	segregation, Collection and transportation will be done with Compartmentalized Rischshaw and stored in the Extra Pit to be made with Nadep Model.			
10.	Ban on non-recyclable single use polythene bags. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> Ban has been already imposed by the State Govt., on sale, purchase, manufacturing and stock of plastic carry bags. The Ministry of Environment, forest And Climate change vide its notification dated 12.08.2021 has banned Single use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single use plastic will be complied with. 	Ban on non-recyclable single use polythene bags	ALL Local bodies/PPCB	The Ministry of Environment, forest And Climate change vide its notification dated 12.08.2021 has banned Single use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single use plastic will be complied with.
11.	Segregation, collection, storage, transportation of plastic waste and channelizing of recyclable plastic waste fraction to recycler having valid registration. (Directions of Hon'ble	<ul style="list-style-type: none"> MC, Batala has constructed 03 MRF's, out of 07, MC, Gurdaspur 3 no. out of 4 no. and Remaining ULBs have provided adequate nos. of MRF's for collection of 		All Local bodies & DDPO	MCS:- <ul style="list-style-type: none"> 31.03.2022

	NGT in EA no. 13/2019 dated 08.01.2021)	<p>Plastic Waste.</p> <ul style="list-style-type: none"> • DDPO Villages Panchayat (1279)= Not provided yet. • Awareness regarding it is being done to the Gram Panchayats. 	Inadequate Plastic Waste management in Ruler area.		<p>DDPO:- Villages Panchayats = (1279) Timelines for preparation of action plan = 31.03.2022</p> <p>Timelines for starting of project = 30.06.2022</p> <p>By 30/06/2023 =425 Villages By 30/06/2024= 425 Villages By 30/06/2025= 429 Villages</p>
12.	Awareness to the waste generator to take steps to minimize the plastic waste and segregate plastic waste at source. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> • Awareness is being carried out on regular basis. Camp will be organized of quarterly basis. 	No Gap	Local bodies & DDPO	Regular activity
13.	Encouragement to the education institute to take up waste management in their curriculum and create student project for waste recycling. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> • Already being followed and seminars are being organized. 	No gap	DEO primary and secondary	Regular activity

14.	Directions to Gram Panchayat to perform functions such as ensuring segregation, collection, storage, transportation, plastic waste and channelization of recyclable plastic waste fraction to recyclers having valid registration. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	<ul style="list-style-type: none"> • Instruction are already been given to Gram Panchayats Through BDPO's 	Disposal of plastic waste in villages.	DDPO	31.8.2027
15.	Creating awareness among all stakeholders about their responsibilities, and ensuring that open burning of plastic waste does not take place. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	All stakeholders are being made aware regarding their responsibility. It is being ensured that open burning of plastic waste does not take place. Violators are issued challans.	No gap	All local bodies	Regular activity
16.	To ensure proper plastic waste management, industries may be directed to explore the possibilities of use of such wastes in construction of roads. Further industries may also be directed to collaborate with different research institutes to	Instructions will be given to the industries to explore such activities to department of industries who through research institutes	Plastic waste use in construction of roads	MCS, ADC(UD) and PWD	31.03.2022

explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)				
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(iii) C&D Waste Management

(a) Current status related to C&D Waste

Details of Data Requirement	Present Status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.79 MTD
Does the District has access to C&D waste recycling facility?	No, Not yet proposed for C&D waste for recycling facility.

(b) Identification of gaps and Action plan:

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.	<ul style="list-style-type: none"> MC, Batala & other 7 ULBs has provided Separate collection site for C&D waste. 	Provided	MC, Batala & Department of urban development	Activity 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	As per Solid Waste Management Cleanliness and Sanitation Bye laws Dated 11.08.20 Notification no 5/105/2020- 2lg4/139(A) MC Batala fixed user fee on C&D waste which is Rs 500 per ton and will put up the proposal	Not required	MCS	Activity Completed

	in one day or 300 tons per project in a month?	regarding permission system for bulk waste generators in next house meeting for approval.			
3.	C&D recycling Facility	Presently there is no C&D recycling Facility in the District.	Yet to be made.	MCs	30/09/2022.
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads				
5.	ICE on C & D waste management	Awareness will be done through media, NGOs & Radio on quarterly basis.	Regular Activity	MC, Batala	Regular Activity.

(iv) Bio medical Waste Management

(a) Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	197
Total no. of non-bedded HCF	317
No. of HCFs authorized by SPCBs/PCCs	319
Total No. of veterinary Hospitals/Dispensaries in the District Gurdaspur	180
Total No. of veterinary Hospitals/Dispensaries connected with Common Biomedical treatment facility (CBWTF).	180
Total no. of veterinary Hospitals/ Dispensaries obtained the authorization of Punjab pollution Control Board	179
Total No. of veterinary Hospitals/Dispensaries adopted segregation of BMW through separate colour coded collections bins.	180
Total no. of veterinary Hospitals/Dispensaries complying with BMW Rules, 2016 and Maintaining record of Biomedical waste generation and its disposal to CBWTF.	179
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	NIL
Capacity of CBWTFs	3600 kg/day
No. of Deep burials for BMW if any	0
Quantity of biomedical waste generated per day	414.89 kg/day
Quantity of biomedical waste treated per day	414.89 kg/day

(b) Identification of gaps and Action plan:

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory and Identification of Healthcare Facilities	<ul style="list-style-type: none"> Total HCFs identified (Bedded + non-bedded)= 514 HCFs authorized by the PPCB = 319 	Regular camps are being organized to pursue the HCFs to obtain the authorization.	PPCB	Regular activity
2.	Adequacy of facilities to treat biomedical waste	No Gap. Adequate CBWTF installed in the District.	Not required	PPCB	Activity completed
3.	Tracking of Bio-Medical Waste	No Gap. Bar code system is implemented by all HCFs and CBWTFs. No gap	Not required	PPCB	Activity completed
4.	Awareness and education of healthcare staff	No Gap Training has been organized for all stakeholders from time to time. One camp will be organized in a quarter.	Not required	PPCB and Health Department	Regular activity
5.	Adequacy of Funds	No gap	Private HCFs = Funds available Govt., HCFs = Funds Being arranged	Civil Surgeon	31.10.2022
6.	Compliance to Rules by HCFs and CBWTFs	No gap, to check the compliance regular monitoring is being done.	BMW Rules, 2016 are complied with except provisions of ETPs cum STPs	PPCB, HCFs, CBWTF and Civil Surgeon	Regular activity
7.	District Level	District Level Monitoring	Meetings are taken on	District	Regular Activity

	Monitoring Committee	Committee has been constituted	regular basis District Environment Committee.	Administration and PPCB	
8.	Wastewater Treatment	<ul style="list-style-type: none"> Total HCFS Required ETP = 197 Total HCF installed ETPs = 16 	HCFs are being pursued to install ETP. The meetings are being held with the association members.	PPCB	<ul style="list-style-type: none"> The timelines vide Board order no. 468 dated 31.08.2021 timeline has been given as 31.03.2022. The HCF will submit a Bank Guarantee to the Board as an assurance to submitted analysis results and installation of appropriate and adequate system to archived prescribed standards. In case sample fail to achieve the prescribed standard.
9.	Disposal of radioactive materials. With the proliferation of radiotherapy, nuclear medicine, X Rays, CT Scans and other	<p>Already Being Complied.</p> <ul style="list-style-type: none"> Most of the Hospitals now have provided the digital X-Ray, hence no such waste is generated from digital X-ray. The Hospitals which have 	Already Being Complied.	Health department	Activity Completed

equipment's using radioactive materials. (Directions of Hon'ble NGT in OA no. 710 of 2017 dated 18.01.2021)	not provided the digital x-ray machine have made the agreement with the authorized agency for the disposal of its waste.			
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(v) Hazardous Waste Management

(a) Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	11
Quantity of HW in the district (MT/Annum)	35.6
Quantity of Incinerable HW (MT/Annum)	NIL
Quantity of land-fillable HW(MT/Annum)	20.5
Quantity of Recyclable / utilizable HW (MT/Annum)	Recyclable = 15.1 Utilizable = 0
Nos. of captive/common TSDF	No common TSDF falls in the District Gurdaspur.
No of industries provided on site impervious facilities for temporary collection of hazardous waste	11
Contaminated Sites or probable contaminated sites	NIL
Monitoring of ground water of common TSDF.	No common TSDF falls in the District Gurdaspur.

(b) Identification of gaps and action plan:

No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Regulation of industries and facilities generating Hazardous Waste	<ul style="list-style-type: none">Total industries identified = 11Authorized by the PPCB = 09	Regular camps are being organized to pursue the industries to obtain the authorization.	PPCB	31/03/2022
2.	Establishment of collection centres	Industries have agreement/linkage with TSDF for disposal of its Hazardous waste.	Not required.	PPCB	Activity completed

3.	Training of workers involved in handling / recycling / disposal of HW	The workers are being trained time to time.	Not required.	Department of Factories	Regular activity
4.	Availability / Linkage with common TSDf or disposal facility	The industries generating HW have access to common TSDf in the State. Nos. of units identified linked with CTSDf= 11	Not required	PPCB	Activity completed
5.	Contaminated Sites	No Contaminated Site	Not required	Local DDPO and PPCB Bodies,	No Contaminated Site

(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	0.103
Collection centers established by ULBs in the District	NIL
Collection centers established by Producers or their PROs	NIL
Nos. authorized E-Waste recyclers /Dismantler	NIL

(b) Identification of gaps and action plan:

S. No.	Action points	Gaps in implementation	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory / Generation of E-Waste / Bulk-waste generators	Inventorization of E-Waste in the District. Inventory of bulk waste generators is under process.	Completion of inventory	PPCB	30.04.2022
2.	E-Waste collection points	E-Waste collection points not available in towns and cities and EPR need to be strengthened.	Identification /registering E-Waste collection centers in	MCs and GMDIC	30.04.2022

			association with Producers – their PROs or Recyclers		
3.	Linkage among Stakeholders dechannelize-Waste	Linkage among stakeholders is to be done.	Work under progress	MCB, All MCs and GMDIC	31.03.2022
4.	Regulation of Illegal E-Waste recycling /dismantling	Illegal E-waste recycling/dismantling units are being identified and integration informal sector is under process.	Yet to be prepared	District Administration & PPCB	31.03.2022
5.	Integration of informal sector	Under process	Yet to be prepared	District Administration & PPCB	31.03.2022
6.	Awareness and Education	Quarterly Special workshops and awareness campaigns through Producers/PROs will be carried out.	This is a regular activity and will be carried out.	District Administration & PPCB	Regular Activity
7.	Identification of Producers who have not obtained, EPR Authorization (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity and will be followed.	This is a continuous activity and will be followed.	SPCBs/ PCCs/Custom department	Regular activity
8.	Verification of quantity of e-waste collected by producers(Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous Activity. All the EPR Authorized Producers will be verified per year	This is a continuous Activity. All the EPR Authorized Producers will be verified per year.	PPCB	Regular activity
9.	Verification of systems provided by producers for collection and channelization of e-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous Activity. All the EPR Authorized Producers will be verified per year.	This is a continuous activity. All the EPR Authorized Producers will be verified per year.	PPCB	Regular activity

10.	Verification of facilities of dismantlers and recyclers for their infrastructure and records. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	PPCB	Regular activity
11.	Checking of informal trading, dismantling, and recycling of waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	Quarterly drive will be carried out checking of this activity.	District Administration/ PPCB	Regular activity
12.	Facilitate collection and disposal of e-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular activity	Mechanism for collection and for incentivizing setting up of recycling facilities will be complied with.	District Administration/PPCB	Regular activity
13.	Governance frame work for monitoring compliance. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular Monitoring will be carried out to check the compliance.	Regular Monitoring will be carried out to check the compliance.	District administration/PPCB.	Regular activity
14.	Capacity building at district level. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular Monitoring will be carried out to check the compliance.	Workshops/seminars to educate functionaries is being run on regular basis.	District Administration, PPCB & Local bodies.	Regular activity
15.	IEC plan be firmed up and executed. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	IEC plan has been prepared by state and being implemented in all ULBs widely.	District Administration, PPCB & Local bodies.	Regular activity
16.	Strengthen system of enforcement. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Status of enforcement of Byelaws reviewed on Monthly basis by ADC(UD) and quarterly basis by Hon'ble Deputy	District Administration, PPCB & Local bodies	Regular activity

			Commissioner cum-Chairman of District Environment Committee.		
17.	Allocation of proper space to the existing and upcoming industrial units for e-waste dismantling and recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	State Government has already planned the focal points for industrial units. Proper space will allocate to the existing and upcoming industrial unit for E waste dismantling and recycling facility.	PSIEC	Already done
18.	Recognition and registration of workers involved in dismantling and recycling, undertake industrial skill development activities for the workers involved in dismantling and recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Recognition and registration of workers involved in dismantling and recycling and industrial skill development activities for the workers involved in dismantling and recycling will be done on regular basis	Labour Department	Regular Activity
19.	Annual monitoring to ensure health and safety of workers involved in such activities. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Will be Ensured on Annual basis.	Director of Factories	Regular Activity
20.	Separate waste deposition centers for domestic E-waste which helps in easy segregation of E-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Separate waste deposition centers for domestic E-waste	Not yet established.	All Local Bodies	31.10.2022

3. 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.	NIL
- Operated by SPCB / State Govt / Central govt./ PSU agency :	NIL
- Operated by Industry:	
Number of manual monitoring Stations operated bySPCBs	05 Info. available on (https://ppcb.punjab.gov.in/en)
Name of towns / cities which are failing to comply with national ambient air quality stations	NIL
Nos. of air polluting industries	397
No. of unit installed APCD	• 397
Status of Air Consent	<ul style="list-style-type: none"> • Regular activity • Total no. of industries requiring consent to operate under Air Act, 1981 <p>Red = 15 Orange = 363 Green = 19</p> <ul style="list-style-type: none"> • Total no. of units having valid consent as on 30.09.2021 <p>Red = 11 Orange = 297 Green= 19</p>

	<ul style="list-style-type: none"> Timeline for grant of consents to the balance units not having valid consent. <p>Red = 31.03.2022 Orange = 30.06.2022 Green= 30.09.2022</p>
Prominent air polluting sources	Large industry, unpaved road, Construction activities and vehicular.

(b) **Identification of gaps and action plan:**

S. No.	Action points	Gap & Indicative Action Plan	Responsible agency	Timeline for completion of action plan
1.	Identification of prominent air polluting sources?	Source Apportionment study has been completed for Dera Baba Nanak, City. Report of the study is yet to submit by IIT, Delhi to the Board.	MCS, PWD, Agriculture Department & PPCB	31.08.2021
2.	Ambient Air quality data?	05 no. Ambient Air Quality monitoring stations are installed at District Head Quarter.	PPCB	Activity Completed
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	No proposal	PPCB	Not Required
4.	District Level Action Plan for Air Pollution	Action plan for improvement of existing air quality for non-attainment city (Dera Baba Nanak) has already been prepared and the work is being carried to bring the standards to the prescribed limits. https://ppcb.punjab.gov.in/en/action-plans	PPCB	Activity Completed
5.	Hotspots of air pollution in District	Municipal Limits of ULBs, Roads, Stone Crusher Belts and Focal Point.	PPCB	Regular activity

6.	Awareness on Air Quality	Awareness in this regard is being done on regular basis. The data is also given in public domain for awareness to the public at official website of the PPCB. (https://ppcb.punjab.gov.in/en)	PPCB	Regular activity
7.	Industries to be converted from coal to CNG	No proposal made yet.	PPCB/DIC	Yet to be finalized
8.	Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns	<ul style="list-style-type: none"> • Total BKO required to convert to ZIG ZAG = 144 • Converted to ZIG-Zag Technology= 133 • Yet not converted = 11 • Direction issued u/s 31-A of Air Act, 1981 to DFSC to canceled the license of BKOs = 11 	PPCB/DFSC	30.09.2019
9.	Maintain pothole free roads / timely patchwork on roads	<p>MCs The patch work is a regular process.</p> <p>PWD/Mandi Board Patchwork of roads is continuous process and is being done on regular basis.</p>	MCs, PWD, NHAI, Mandi Board	Regular activity
10.	Procurement of Mechanical sweeping machines	<ul style="list-style-type: none"> • MCs, have submitted their proposals to the higher authorities for procurement of mechanical sweeping machines. 	MCs	30.09.2022
11.	Plantation of trees along highways, drains, Nallahs in colonies and canals etc.,	<ul style="list-style-type: none"> • Plantation has been done already in various urban estates and the further plantation will be done accordingly when new land will be acquired. • The new target for plantation along the National Highways and fallow lands of Panchayats has been made by Forest Department. 	MCs, PUDA, Forest Department	Regular activity
12.	Greening of parks, open areas, community places, schools and housing societies	<p>MCs and ULBs The new target for plantation of 15000 more plants upto 31-12-2021 has been fixed, out of which maximum plantation has been done in the rainy season.</p>	MCs and ULBs	Regular activity
13.	Kaccha/Brick Paved	The Paved roads/kaccha roads are converted	MCs & ULBs	Regular activity

	Roads to be made Pucca roads	into pucca road in each ULBs.		
14.	Existing roads requiring re-carpeting	<p>PSIEC</p> <p>Maintenance of Focal Point Roads is being done by PSIEC approx. 30% of work has been completed.</p> <p>PWD</p> <p>The maintenance of State Highways and Major District Roads is being done regularly.</p> <p>MCS</p> <p>The Re-carpeting work of 80% within MC area has already been completed upto 30-09-2021. The balance work of re-carpeting of roads in progress.</p>	MCS, PWD, PSIEC	Regular activity
15.	Public awareness campaign for control of vehicular emissions	The camps are being organized regular basis. Facebook, Twitter & Instagram) is also being used to spread traffic awareness. Quarterly camp will be organized for awareness.	Traffic Police, Transport	Regular activity
16.	Extensive drive against polluting vehicles	The extensive drive against polluting vehicles already initiated by the Police department.	Traffic Police	Regular activity
17.	Prevention parking of vehicles in non-designated areas by enforcement actions	The extensive drive already initiated by the Police department to prevent parking of vehicles in non-designated areas and issuing challans to the violators.	Traffic Police	Regular activity
18.	Phasing out commercial diesel vehicles more than 15 years old	Scheme under consideration.	Transport	Time Target: 31.12.2022
19.	Promotion of E-Vehicles	This is being done on regular basis.	Transport	Regular activity
20.	Infrastructure development for additional of CNG based autos/taxis	Regular financial and Administrative support is given to CNG based autos/taxis for their operation.	RTA/Traffic Police	Regular activity
21.	Control of open burning of bio-mass.	<p>MCs</p> <p>115 Number of pits constructed in Parks and green belts of Batala to control of open burning of bio mass in the city.</p>	MCs and DDLG	Regular activity

		DDLG Regular monitoring is being done in each ULB. Further, no. of pits are constructed in each ULB to control the burning of bio mass.		
22.	Quality Management Division(AQMD) at PPCB (HQ)Establishment of an Air	Not Required	PPCB	Not Required
23.	Establishment helpline in each city as well as SPCB HQ	Head Office level Helpline number is 1800 120 3667 for whole of the state.	PPCB, Lab	Completed
24.	Scope for public participation on remedial measures like plantations. (Directions of Hon'ble NGT in OA no. 360/2018 dated 05.07.2021)	Total 73 no. village level Forest Committee have been constituted in District-Gurdaspur. Agro forestry is also promoted to increase the financial to the farmers and to increase the Forest Cover.	Department of forest	Regular Activity
25.	Carrying capacity and source apportionment study of non-attainment Cites.	Not Required	PPCB	Not Required
26.	For development of plantation along the highways.	The area alongside highways where plantation can be done is declared forest area. During suitable season for plantation PWD will coordinate with department of forest for plantation.	PWD	Time target: 31.12.2021
27.	Steps to be taken for management of agriculture waste/residue	<ul style="list-style-type: none"> Nos. of machines distributed to farmers for In-situ Management of Crop residue Scheme by Agriculture department = 2315 nos. Beside above, IEC activities like farmer training camps, Hoarding and field demonstrations are also being carried out to spread the awareness among farmers through the years. 	Agriculture department	Seasonal Activity.

4. WATER QUALITY MANAGEMENT

(a) Water Quality Monitoring

- Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	River Raavi, River Chakki & River Beas
Length of Coastline (if any)	Beas- 49 KM, Ravi - 51 Km (app)
Nalas/ Drains/Creeks meeting Rivers	Gaddi Nallah & Kahnuwan Swamp falling into Beas River
Lakes / Ponds	NIL
Total Quantity of sewage from towns and cities in District	71.0 MLD
Quantity of industrial wastewater	0.8 MLD (Domestic)
Percentage of untreated sewage	96%
Groundwater polluted areas if any	NIL
Polluted river stretches if any	NIL

- Identification of gaps and action plan for water quality monitoring :

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory of water bodies	The detailed inventory of water bodies is to be prepared by Drainage Department and Rural Development. The mapping of the Rivers and drains is also to be carried out.	Drainage Department & Rural Development	30/06/2022
2.	Quality of water bodies in the district	The monitoring of rivers, drains are already being carried out and data is being maintained and also discussed in monthly	District Administration and PPCB	Regular activity

		meeting of District Environment Committee. The information of water quality will be also uploaded on the official websites of SPCB & District Administration. The web link is https://ppcb.punjab.gov.in/en/water-quality		
3.	Hotspots of water contamination	Identified and given in the Beas Action Plan web link is https://ppcb.punjab.gov.in/en/action-plans	PPCB, MCS, all MCs and DDPO	Regular activity
4.	Protection of river / lake water front	Awareness is being carried out in the public to stop the dumping of solid waste in river/Nallah. Challans are also issued to the violators	MCS & Department of urban development.	Regular activity
5.	Inventory of sources of water pollution	The sources are already identified and detail of the same is given in Sutlej Action Plan. The Web link of the same is https://ppcb.punjab.gov.in/en/action-plans	MCS, DDPO & Department of urban development	Activity Completed
6.	Oil spill disaster management (for coastal districts)	Not applicable	Not applicable	Not applicable
7.	Protection of flood plains	Plan Prepared. Info. Available on (https://gurdaspur.nic.in/document/flood-control/)	Drainage Department	Plan Prepared. The concerned department regularly observes and protects the flood plains by constructing river training works.
8.	Rejuvenation of groundwater	As per Master Plan to Artificial Recharge to Ground Water in India-2020, 13464 Recharge shaft, 2901 farm Pond and 44367 Rooftop Rain water harvesting structures have been suggested for Pathankot & Gurdaspur District. The link for the Master Plan is http://cgwb.gov.in/Master%20Plan%20to%20GW%20Recharge%202020.pdf	CGWA/PWRDA	Regular Activity

9.	Complaints redressal system	MobileApp/Online Complaint redressal system already developed. The web link is https://connect.punjab.gov.in/grievance/save	PPCB	Activity Completed
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(b) Domestic Sewage

- Identification of gaps and action plan for treatment of domestic sewage

Details of Data Requirement	Present Status
No of Class-II towns	2 (Gurdaspur & Batala)
No of Class-I towns	0
No of Towns STPs installed	0
No of Towns needing STPs	6 (Gurdaspur & Batala)
No of ULBs having partial underground sewerage network	6(Gurdaspur, Batala, Dera Baba Nanak, Shri Hargobindpur, Dinanagar, Dhariwal)
No of towns not having sewerage network	0
Total Quantity of Sewage generated in District from Class II cities and above	54 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	0 MLD
Quantity of untreated or partially treated sewage(directly or indirectly)	54 MLD
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	2.5 MLD Shri hargobindpur & Dera Baba Nanak.

- Identification of gaps and action plan for treatment of domestic sewage:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Sewage Treatment Plants	<ul style="list-style-type: none"> Existing capacity of STPs = 2.5 MLD (Shri Hargobindpur & Dera Baba Nanak). 	MCs, ADC(UD) and PWSSB	<ul style="list-style-type: none"> Batala - 01/01/2022

	(STPs)	<ul style="list-style-type: none"> • Additional capacity required = 68.5 MLD. • STP for city Batala is under installation and installation of STP of remaining 05 no. ULBs is yet to be started. 		<ul style="list-style-type: none"> • Gurdaspur - 31/12/2022 • Dinanagar - 31/12/2022 • Dhariwal - 31/12/2022 • Fatehgarh Churian - 31/12/2022 • Qadian - 31/12/2022
2.	Underground sewerage network	<ul style="list-style-type: none"> • Sewer network is already being laid in Shri Hargobindpur & Dera Baba Nanak & the percentage of sewer laid in other 06 ULBs is as under;- (i) Batala – 80% (ii) Gurdaspur - 70% (iii) Dinanagar – 65% (iv) Dhariwal - 50% (v) Fatehgarh Churian – 80 % (vi) Qadian - NIL 	MCs, ADC (UD) & PWSSB	<ul style="list-style-type: none"> • Batala - 01/01/2022 • Gurdaspur - 31/12/2022 • Dinanagar - 31/12/2022 • Dhariwal - 31/12/2022 • Fatehgarh Churian - 31/12/2022 • Qadian - 31/12/2022
3.	Operation and Maintenance of STPs (i)Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner	Completed, no gap (Shri Hargobindpur & Dera Baba Nanak)	MCs & PWSSB	Regular Activity
	(ii)Providing proper in-house laboratory facilities at each STP for maintaining	<ul style="list-style-type: none"> • Total STP = 02 • Lab Provided = 02 	MCs, PWSSB	Regular Activity

	record of characteristics of analysis of untreated as well as treated waste water			
4.	Provision of necessary treatment facilities in village ponds so that no untreated or polluted water enters river directly or indirectly through various drains or creeks. (i) Finalization of appropriate technology	A. Total no. of villages where appropriate technology is required = 667 B. No. of village ponds for which work has been completed:-58 C. No. of villages where work is under progress= 511 D. No. of villages where work is yet to be started = 98	DDPO	Time target - 31/12/2022
	(ii) Arrangement of Funds for treatment technology in various villages identified in the Action Plan	A. No. of village ponds for which funds treatment technology arranged: 58 B. The work for arrangements of funds for the remaining village is under process.	DDPO	Time target - 31/12/2022
	(iii) Reuse of water for agriculture purpose in villages.	A. No. of village ponds for which irrigation scheme has been implemented: 58 B. Progress for the remaining villages: work is under progress under the MGNREGA Scheme.	DDPO, Soil conservation department.	Time target - 30/06/2023
	(iv) Proper operation and maintenance of treatment facilities installed in village ponds	A. No. of village ponds for which operation and maintenance of treatment facilities installed: 58 B. Progress for the remaining villages for remaining villages work is under progress under the MGNREGA Scheme	DDPO	Time target - 31/07/2023
5.	(i) Checking of health indices of the inhabitants &	Camps are organized on monthly basis	The Department of Health and Family Welfare	Regular activity

	maintaining database.			
	(ii) Holding awareness camps in the catchment area of River Sutlej to make the public aware regarding water borne diseases			
6.	(i) Measurement of flow at different locations of Rivers & drains.	The flow is being monitored on monthly basis by the drainage department.	Department of water resources,	Regular activity
	(ii) To stop unauthorized discharge in the drains.	The regular survey is being done by the concerned departments to stop unauthorized discharge in the drains.	Department of water resources, MCS and DDPO.	Regular Activity
7.	Setting up of additional water bodies/water harvesting structures	<ul style="list-style-type: none"> Total no. of water harvesting structure proposed = 15 Total no. of water harvesting structure installed = Nil 	DDPO	DDPO Time target to installed balance rain harvesting structures = 31.03.2022
8.	Guidelines for control of pollution and enforcement of Environmental Norms in marriage halls, banquet halls, party venues etc. along with consent management system. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB.	PPCB	31.12.2022
9.	Installation of ETP in	Already being followed as per guidelines framed	PPCB	31.12.2022

	all big units (marriage halls, banquet halls, party venues etc) which are not connected with the sewer lines. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	by CPCB.		
10.	All the units having kitchen should have proper ducting arrangement. The units using DG sets must have the proper stack height. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022
11.	The local authorities/corporations should carry out inventory of the dairy farms and gaushalas. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	All ULBs shall prepare inventory of Gaushala and Dairy farms available with them.	All Local Bodies	30.06.2022
12.	The local bodies/municipal corporations shall publish a public notice in newspapers and on their website for	The Public notice will be given in the Newspaper and on the website of local body for registration of dairy farms and gaushalas.	All Local Bodies	Timeline for registration= 31.03.2022

	registration of dairy farms and gaushalas as per municipal law. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)			
13.	The District Collectors of all the Districts are directed to constitute monitoring committees to monitor the Extraction of Ground Water by the individuals for commercial purposes. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Such Committees will be constituted	District Administration	31.12.2021
14.	There must be no general permission for withdrawal of ground water, particularly to any commercial entity, without environment impact assessment of such activity on individual Assessment units in cumulative terms covering carrying	Noted for compliance and will be assured.	All local bodies & DDPO	Regular activity

	capacity aspects by an expert committee. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)			
15.	All Overexploited, Critical & Sensitive (OCS) assessment units must undergo water mapping. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Water mapping of all the OCS assessment units has been done as per the guidelines of GOI as per GEC-2015 Methodology by taking Block as a Unit of Assessment. The data of years 2015-19 has been taken for assessing the same recently. As per this study out of total 150 Blocks taken for study, 117 Blocks (78%) are "Over-Exploited", 6 Blocks (4%) are "Critical", 10 Blocks (7%) are "Semi-Critical" and 17 Blocks (11%) are in "Safe" category. The water level trends have been computed for last 10 years from 2009-2019 data	Water Resources (Ground water cum NHP wing) and PWRDA	Activity Completed
16.	Water Management Plans need to be prepared for all OCS assessment units in the country based on the mapping data, starting with Overexploited blocks. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Punjab Government has engaged M/s Mekorot, National Water Company of Israel to formulate the Water Conservation and Management Master Plan for the State of Punjab and their final recommendations is likely to be submitted by December 2021.	Water Resources (Ground water cum NHP wing) and PWRDA	31.03.2022
17.	The Water Management Plans, data on water availability or scarcity and policy of CGWA must be uploaded on its	Noted for compliance and will be assured.	PWRDA	31.03.2022

	website for transparency and public involvement. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)			
18.	The District Magistrates have been directed to take up one pond per village for its rejuvenation, this year. (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	Till date 58 ponds have been rejuvenated/restored	DDPO	31.12.2022
19.	Active efforts be made in close coordination with technical bodies to tap excess runoff of rivers/canals during rainfall season to recharge old water bodies and retain water in new ponds to be constructed specifically for the purpose (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	The excess runoff water final reaches rivers, whether it comes through nallah or drain. This water is controllable at head works where certain pond level is maintained for regulation of canals. Efforts will be also done to find out the alternate way to tap the excess rain fall in ponds.	Drainage	31.10.2026
20.	Development of Bio Diversity Parks in the vicinity of rivers lead to continuous recharge of aquifers.	There is no Bio Diversity Park developed in District-Gurdaspur.	Forest Department & Drainage Department	—

	(Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)			
21.	Maintenance of E Flow of the rivers. (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	Already Being Maintained	Drainage Department	Completed
22.	Land owning agencies must ensure that every water body has unique ID for its identification. There should be retagging of the water bodies to prevent encroachment. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	L-section of all water bodies like drains concerned with Drainage Department has been approved and with name of drains and the Mapping of the Drainage System has been done on google Sheet.	Drainage Department	Completed
23.	Awareness among public to set up Rainwater Harvesting System and about its utility should be enhanced. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Public announcements done regarding rain water harvesting time to time by all ULBs.	Local Bodies	Regular Activity
24.	Installation of STP will be mandatory for all residential	Directions being already followed.	Department of Urban Development	Regular Activity

	apartments/group housing societies where groundwater requirement is more than 20 m ³ /day for getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)			
25.	Comprehensive plan to install flow meters at various locations to carry out daily real time monitoring of the city's water supply network. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	In compliance to directions of Hon'ble NGT, New Delhi, the comprehensive plan to install flow meters will be prepared.	MCS, ADC (UD) & PWSSB	Time line for Preparation of plan = 31.03.2022. Time line for implementation of plan = 30.09.2022.
26.	Control of illegal extraction of groundwater. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Efforts are being made to control illegal extraction of ground water.	All Local Bodies	Regular Activity
27.	Review of District Environmental Plan activities at different levels of District Heads and District Magistrate. (Directions of Hon'ble NGT in OA no. 360/2018 dated 05.07.2021)	The Activities of District Environmental Plan will be reviewed on monthly basis in the District Environment Committee meetings.	District Heads of concerned departments and District Administration.	Regular Activity

28.	Appointment of Nodal officer with contact number	All the departments have appointment the Nodal officer and list is attached as Annexure-A	All concerned departments	Completed
29.	Preparation of operational manual of STPs for the effective and efficient operation of the STPs of the state.	It is under preparation.	PPCB	Time target - 31.10.2021
30.	Enhancement of capacity of existing ponds/ water bodies and creating of new water harvesting structures.	A. Existing Ponds (Total) = 996 B. No. of Ponds whose Capacity has been enhanced = Nil C. New ponds = Nil	DDPO	Existing ponds = (996) Timeline for starting of the project 31.12.2021. By 31/12/2022 =600 Villages By 31/10/2023= 396 Villages
31.	Usage of treated sewage for sprinkling purposes for sweeping of roads to control dust pollution.	Progress achieved: • MCS: scheme under consideration • DDLG: Being used for sprinkling purposes.	MCS,DDLG	Regular activity
32.	Mapping of the rivers and flood plain zones in the catchment area of rivers of the State.	The mapping has been done by the Drainage Department in an electronic file. The same can be retrieved from Goggle Earth link https://earth.google.com/web/@31.05081388,75.93504687,-27664.5935166a,181476.44066099d,35y,0.03480517h,45.47133225t,0.0813r?utm_source=earth7&utm_campaign=vine&hl=en	Drainage Department	Completed
33.	Utilization of STPs sludge	STP sludge is used by the farmers as manure.	MCS, DDLG	Regular activity
34.	Framing policy for the management of highly contaminated Fecal sludge generated from the rural areas.	Progress achieved: State level policy matter and time target for framing of policy will be informed after taking up matter at higher level.	DDPO	Timelines for starting of project = 30.04.2022 By 30/04/2023 =425 Villages By 30/04/2024= 425 Villages By 30/04/2025= 429 Villages

35.	The projects being developed for supply of canal water to the inhabitants of the cities/villages may be completed in a time bound manner.	Site has been identified; and yet to be acquired. Construction of WTP transmission lines up to OSHR will be completed in Phase 1 up to 2025. Budgetary Provision (i) Capital Cost is to be funded by World Bank and Punjab Govt. (ii) Operation & Maintenance Cost shall be borne by ULBs and Rural Development.	MCs & DDPO	31.10.2025 DPR and RFP prepared and approved. (i) Floating of RFP – 31.12.2021 (ii) Construction of WTP, Laying of Transmission lines up to OSHRs and Construction of OHSRs will be completed in Phase 1 up to 2025.
36.	Reuse of treated effluent through existing STPs (OA no. 496/2016 dated 22.01.2021)	STPs where Irrigation schemes have been completed and working = 02 (Shri Hargobindpur & Dera Baba Nanak)	Department of Soil conservation, ULBs/PWSSB	Completed
37.	Reuse of treated effluent through proposed STPs (New STPs) (OA no. 496/2016 dated 22.01.2021)	Reuse of treated effluent through proposed STP (New STPs) for 06 ULBs will be prepared within timeline.	Department of Soil conservation, ULBs/PWSSB	<ul style="list-style-type: none"> • Batala - 01/01/2022 • Gurdaspur - 31/12/2022 • Dinanagar - 31/12/2022 • Dhariwal - 31/12/2022 • Fatehgarh Churian - 31/12/2022 • Qadian - 31/12/2022
38.	Installation, operation & maintenance of online continuous effluent monitoring system with flow meter as well as CCTV cameras for the existing STPs as well as new STPs to be installed.	OCEMS along with CCTVs cameras will be provided on proposed 06 no. STPs of ULBs.	MCs & PWSSB	<ul style="list-style-type: none"> • Batala - 01/01/2022 • Gurdaspur - 31/12/2022 • Dinanagar - 31/12/2022 • Dhariwal - 31/12/2022 • Fatehgarh Churian - 31/12/2022 • Qadian - 31/12/2022
39.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated sewage.	The ULBs has been directed to provide in situ remediation of the waste water carrying drains of the towns within timelines.	MCs	Timeline - 31/12/2021.

5. INDUSTRIAL WASTE WATER MANAGEMENT

(a) Current Status related to Industrial Waste water Management

Number of Red, Orange, Green and White industries in the District	Red Category unit = 21, Orange Category unit = 337, Green Category unit = 20
No. of Industries discharging wastewater (generating trade effluent)	Total no of industries = 34 nos. i. No. of industries installed captive ETP = 23 ii. No. of industries Recirculating the effluent = 11
Status of Water Consent	<ul style="list-style-type: none"> Total no. of industries requiring consent to operate under Water Act, 1974 Red = 21 Orange = 337 Green= 20 Total no. of units having valid consent as on 30.09.2021 Red = 17 Orange = 230 Green= 20 Timeline for grant of consents to the balance units not having valid consent. Red = 31.03.2022 Orange = 30.06.2022 Green= 30.09.2022
Total Quantity of industrial wastewater generated	4.1 MLD
Quantity of treated industrial wastewater discharged into Nalas/ Rivers	NIL
Common Effluent Treatment Facilities	NIL
No. of Industries meeting Standards	It is a regular activity and PPCB is monitoring the industries including inspections and samplings. Around 10% units are randomly inspected per month.
No. of Industries not meeting discharge Standards	It is a regular activity and PPCB is monitoring the industries including inspections and samplings.

(b) Identification of gaps and action plan for industrial wastewater:

S. No.	Action points	Gaps and ActionPlan	Responsible agency	Timeline for completion of action plan
1.	Compliance to discharge norms by Industries	Necessary action is being taken against the industries not meeting the standards.	PPCB	Regular activity
2.	Complaint redressal system	Online compliant system already developed and web link is https://connect.punjab.gov.in/grievance/save	PPCB	Activity complied
3.	Installation of Online Continuous Monitoring System by			
	1. 17 categories of industries.	<ul style="list-style-type: none"> No. of industries required OCEMS – 04 no. No. of industries have installed OCEMS – 04 no. 	PPCB	OCEMS installed
	2. Industries with discharge more than 50 KLD and not connected with any CETP.	<ul style="list-style-type: none"> Total units required OCEMS = 02 OCEMS Installed = 02 	PPCB	Activity complied
4.	Installation of Electromagnetic flow meters at inlet and outlet of ETP.	<ul style="list-style-type: none"> Total units required EMF = 09 EMF Installed at inlet & outlet = 09 	PPCB	30.04.2022
5.	Inspection of units to check compliance	Inspection already being made	PPCB	Regular activity

6. MINING ACTIVITY MANAGEMENT PLAN

(a) Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	Sand & Gravel Mining
No of licenced Mining operations in the District	05
% Area covered under mining in the District	0.016 %
Area of Sand & Gravel Mining	42.8 Hectare

(b) Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Monitoring of Mining activity	A district level task team Already Constituted	Department of water resources	Regular activity
2.	Inventory of illegal mining if any mining	Regular surveillance, patrolling is being carried out to check the illegal mining.	Department of water resources	Regular activity
3.	Environment compliance by Mining industry	Regular surveillance, patrolling is being carried out to check the compliance.	Department of water resources	Regular activity
4.	Demarcation of boundaries for regulating grant of sand mining lease. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	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 Department by DGPS System.	Drainage Department	Regular Activity
5.	Mining in all blocks is undertaken as	i. As per the guidelines, there is provision	Drainage Department	Regular activity

	per provisions of EIA Notification, 2006; MOEF Notification dated 15.1.2016 and the Sustainable Sand Mining Management Guidelines, 2016. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	for obtaining E.C before commencement of mining. ii. According to the SSMMG, 2016 issued by MOEF&CC, mining work is restricted from riverbed during the monsoon season. (Thus in the month of July, August and September in the State.)		
6.	No sand mining is permitted without due compliance of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 as well as regulations governing clearances by the Central Ground Water Authority. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	The conditions mentioned in the Environmental Clearance Certificate issued by the State Level Environment Impact Authority (SEIAA), are being followed and no such mining activity is being permitted.	Drainage Department	Regular activity
7.	District authorities shall seize all sump pumps, other machinery, tools, vehicles, etc. used for carrying out illegal sand mining. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Machinery/vehicles/tools/sumps-pumps found on illegal mining spot is being seized by the Concerned Authorities and handed over to the Police Administration.	Drainage Department	Regular activity
8.	Any penalty imposed or not by concerned Department to cover the restoration cost of environment and to compensate the victims. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	While examine the illegal mining spot penalty imposed by the concern department by following the proper guidelines laid by Govt./Hon'ble NGT from the land owners and the Machinery owners.	Drainage Department	Regular activity
9.	Status of a detailed restoration plan for the concerned river and its river beds. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Mining work is being done on basis of approved mining scheme by including the restoration plan in the mining plan which is recommended by Concerned Mining Officer & approved by State Geologist, Pb.	Drainage Department	Regular Activity

10.	Status of CCTV Cameras installation at mining points to verify the amount of sand extracted. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	CCTV cameras has been installed at mining points and integrated with Govt. Web-Portal.	Drainage Department	Installed
11.	Status of regular patrolling by the police to inspect the mining operations. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Police patrolling is being done on regular basis.	Police Department	Regular activity
12.	Status of daily reports regarding mining to be filed by SHO/ Mining officer to be sent to District Magistrate. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Regular checking's and inspections are conducting for prevention of illegal mining activity in District by the Special Flying squads time to time and when required & for daily patrolling/checking and regular checking's the report has been sent to DC/DM/DMO.	Police Department Drainage Department	& Being followed.
13.	Status of vehicles confiscation. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	In Compliance of the Rules and Guidelines laid down by State Govt. & FIR's are been lodged regularly under the jurisdiction of District Gurdaspur for illegal mining.	Police Department Drainage Department	& Regular activity.
14.	Status of setting up of dedicated institutional mechanism for monitoring of conditions of Environmental Clearance as granted under EIA Notification, 2006 in respect of sand and gravel mining. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	The process for establishment of Monitoring System in the State by the Head Office, Water Resources Department, Pb. Chandigarh is under process, Publication for tender has been done the Head Office.	Drainage Department	Tender has been done, time of completion 31.10.2023.
15.	Necessary steps to be taken by District Administration for the effective monitoring mechanisms for preventive and remedial measures	District Administration has constituted Flying Squad Teams for regular checking's and inspections for proper monitoring the illegal mining activity in District & Night Duty Roaster of Diff.	Drainage Department	Regular activity

	including surveillance system for recovery of compensation. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Department Official's has been prepared for Night time Inspection has been prepared on monthly basis by District Administration (Gurdaspur) Moreover, The process for establishment of Monitoring System in the State by the Head Office, Water Resources Department, Pb. Chandigarh.		
16.	Electronic surveillance through UAVs/Remote Sensing is a good surveillance option especially in areas where sand mafias are active. Night vision drones could be used for checking mining activity at night. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	The process for establishment of Monitoring System (Electronic Surveillance through UAVs/Remote Sensing) in the State by the Head Office, Water Resources Department, Pb. Chandigarh is under process, Publication for tender has been done the Head Office.	Drainage Department	Tender has been done, time of completion 31.10.2023.
17.	Sensitive spots need to be identified and police presence- both static presence and dynamic patrolling needs to be beefed up there. DMs / SSPs be made directly responsible for checking illegal mining. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Police presence- both static presence and dynamic patrolling is being done on sensitive spots.	Police Department	Regular Activity
18.	Storage Godowns should be at least 5 kms away from the river bank. Otherwise, illegal mining can be carried on under the garb of storage by the leaseholder himself. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	There are many storage godowns/ stock yards established and all of them for complied with the guidelines.	Drainage Department	Regular Activity
19.	Geo-fencing of sites, their physical demarcation, allotment of geo-coordinates to all the pillars and their constant physical inspection and electronic surveillance is a must	Demarcation of Mining lease has been carried out before granting the final approval to the contractor/lease and the same has been checked on regular basis by concerned Revenue	Drainage Department	Completed

	to ensure that the mining activity is as per the approved mining plan and no illegal mining, detrimental to environment, is going on. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Department in presence of Mining and pillaring is carried out on site to ensure that mining activity is as per the approved mine plan.		
20.	There has to be a mechanism to ensure that the actual mining activity conforms to the approved Mining Plan and the approved Environment Management Plan (EMP). Besides the statutory system of Departmental inspections, there has to be a system of annual mandatory Environmental Audit by experts. Environment Department can empanel some experts/expert institutions with standard TORs and Remuneration terms which could be utilized by the Mines Department on a regular basis. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	In state of Punjab, a Govt. Web Portal has been introduced for the transparent function of extraction/ transportation/ sale of minor mineral. In which the record of extraction is maintained and a team of experts audits this system annually. To bring the transparency in system, each weighment slip provided to the transporter, contains a QR Code & can be scanned by any smartphone available in market, to get the desired information of the minor mineral.	Drainage Department	Regular Activity
21.	There has to be an effective mechanism for restoration of environment in case of its degradation due to mining. A portion of the royalty could be reserved for it as Environment Restoration Fund. The Environment Department can empanel some reputed institutions 21 with standard terms for preparing environmental restoration plans which could be used directly by the Mining Department without the arduous formalities. (Directions of Hon'ble NGT in OA no. 360/2015	The plantation is being carried out in the land under the mine lease if it belong to the state/central Govt., & where-ever the land belongs to the private land owners the crops/farming is being done by the owners, so that the land with sandy strata is converted into the fertile land by removing the sand/gravel in such land.	Drainage Department	31.12.2021

	dated 26.02.2021)			
22.	States/UTs to strictly follow the SSMG-2016 read with EMGSM-2020 reinforced by mechanism for preparation of DSRs. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	During the action against illegal mining activity, if any type of vehicle (Tractor Trolley/Truck/Tipper/JCB/Poclaim/other vehicle) got impounded/seized during the action, after the proper legal procedure taken by the concerned department the such vehicle is released.	Drainage Department	Regular Activity
23.	Annual reports on the subject and such annual reports may be furnished to MoEF & CC by 30th April every year giving status till 31st March. First such report as on 31.03.2022 may be filed with the MoEF&CC by all he States/UTs on or before 30.04.2022. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Needful will be done.	Drainage Department	30.04.2022

7. NOISE POLLUTION MANAGEMENT PLAN

(a) Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Name of agency = Police, ULBs and PPCB Nos. of analyzers available = 01 Required noise analyzers = 16

(b) Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline completion for of action plan
1.	Availability of Sound/Noise Level Meters.	<ul style="list-style-type: none"> Nos. of analyzers required = 16 Nos. of analyzers available = 01 	ULBs, Police Department & Punjab Pollution Control Board,	30.06.2022
2.	Ambient Noise Level monitoring	The ambient noise level is measured by the special team in case of complaint/orders of the Hon'ble Court or Higher Authorities through noise monitoring device available with Punjab Pollution Control Board.	PPCB	Regular Activity
3.	Signboards in Noise zones	Signboards are installed at sensitive zones. However, sign boards in other areas are yet to install	ULBs	30.06.2022
4.	Complaint redressing system	Public complaint redressal system already established in the district and web link is https://connect.punjab.gov.in/grievance/save	District Administration, Police Department and PPCB	Completed

2.	Checking of pressure horn of vehicles	Regular checking of vehicle is being done by the police department and same activity will be continued.	Police Department.	Regular activity. The checking will be done twice in a month.
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List of Nodal Officers (Annexure-X)

List of the Nodal Officers of the stakeholder Departments

Sr no.	Name of the Department	Designation	Phone no.	Email Id
1.	Municipal Corporation, Batala	Commissioner, Municipal Corporation, Batala	8283816950	mcbatalanew2019@gmail.com
2.	Urban Development, Gurdaspur	Additional Commissioner (Urban Development), Gurdaspur	01874-245407	adcd_gsp@yahoo.co.in
3.	Punjab Pollution Control Board, Gurdaspur	Assistant Environmental Engineer, RO, Batala	81466-62556	ppcbbatala@gmail.com
4.	Regional Transport Authority, Gurdaspur	RTO	01874-220903	dtogurdaspur06@gmail.com
5.	Police Deptt.	DSP(HQ), Gurdaspur DSP(HQ), Batala	01874-241173 01871-224617	ssp.grd.police@punjab.gov.in ssp.btl.police@punjab.gov.in
6.	Punjab Energy Development Agency (PEDA)	District Manager PEDDA (Punjab Energy Development Agency)	9463997097	peda_spa@yahoo.co.in
7.	Distt. Development and Panchayat Officer, Gurdaspur (DDPO)	DDPO, Gurdaspur	01874-245386	ddpogsp@gmail.com
8.	District Soil Conservation Officer, Department of Soil & Water	Soil Conservation Officers	01874-243626	dsco.dswc.gurdaspur@punjab.gov.in

	Conservation, Gurdaspur			
9.	Superintending Engineer, Punjab Water Supply & Sewerage Board, Gurdaspur	SDE	01874-220842	eeg.pwssb@punjab.gov.in
10.	PWD (B&R), Gurdaspur	Executive Engineer, Gurdaspur, PWD	01874-247212	eepdgdspwdpb@gmail.com
11.	Department of Water Resources & Drainage, Gurdaspur	Executive Engineer, Drainage, Gurdaspur	01874-222723	drgdivngsp@yahoo.in
12.	Agriculture Department, Gurdaspur	Chief agriculture Officer, Gurdaspur.	01874-222917	caogurdaspur@gmail.com
13.	Forest Department, Gurdaspur	DFO, Gurdaspur.	94173-53436	dfogurdaspur@yahoo.com
14	PSIEC, Gurdaspur.	SDO	99140-20309	psic28@punjabmail.gov.in
15	District Food & Civil Supply Officer, DFSC, Gurdaspur	(District Food Supply Controller) , Gurdaspur.	01874-247193	dfscgurdaspur24@gmail.com
16	Education Department, Gurdaspur.	DEO (Secondary) Gurdaspur.	01874-241634	deose.pathankot@punjabeducation.gov.in
17	Health Department, Gurdaspur	Civil Surgeon, Gurdaspur.	01874-240990-91	civilsurgeongurdaspur@gmail.com
18	Animal Husbandry, Gurdaspur.	Dy. Dir Animal Husbandry	01874-241160	ddgurdaspur@gmail.com
19	Labour Department, Gurdaspur.	Asstt. Labour Commissioner(ALC)	01874-220923	lcogurdaspur@gmail.com