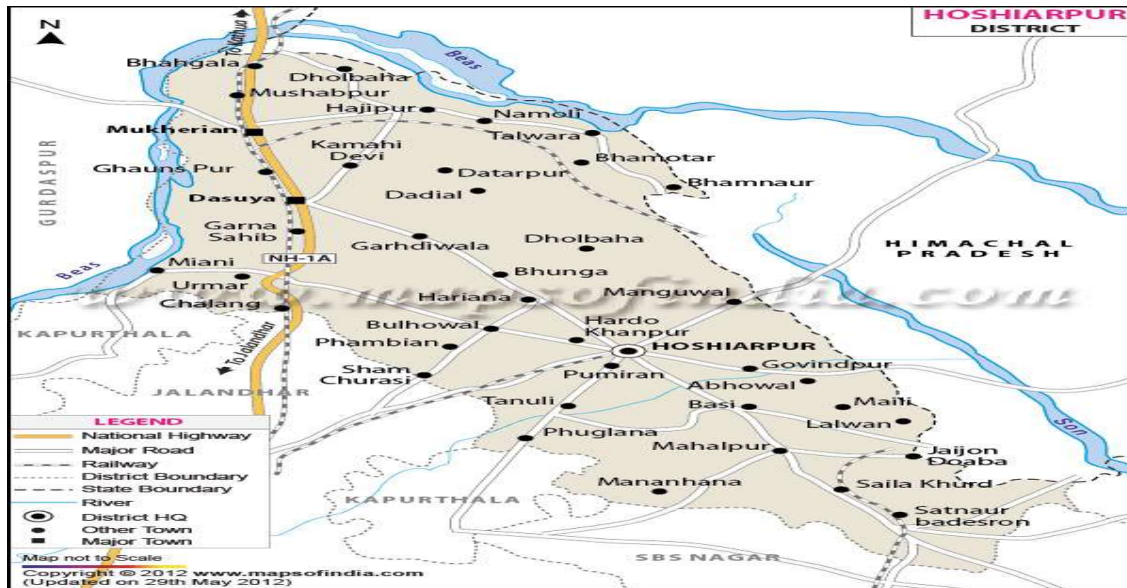


District Environment Plan-Hoshiarpur



District Administration -Hoshiarpur

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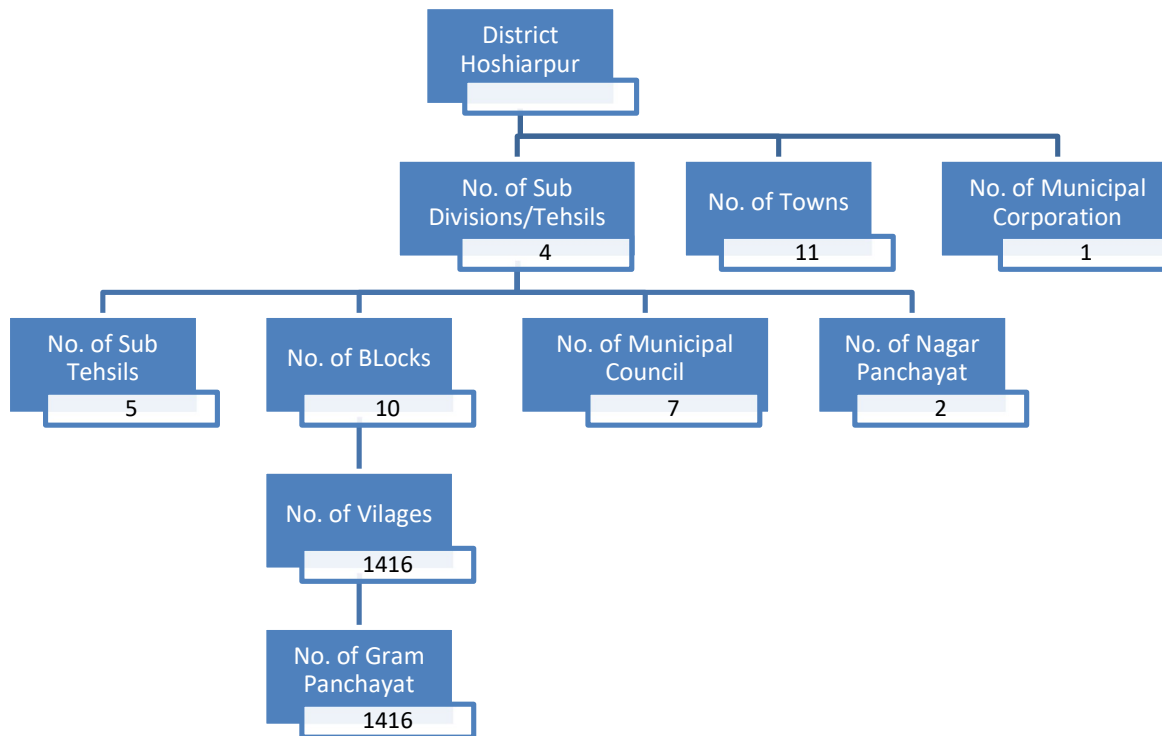
1. DISTRICT PROFILE

Hoshiarpur District is a district of Punjab state in northern India. Hoshiarpur, one of the oldest districts of Punjab, is located in the North-east part of the Punjab state and shares common boundaries with Gurdaspur district in the north-west, Jalandhar and Kapurthala districts in south-west, Kangra and Una districts of Himachal Pradesh in the north-east. Hoshiarpur district comprises 4 sub-divisions, 10 community development blocks, 9 urban local bodies and 1417 villages. The district has an area of 3365 km² and a population of 1,586,625 persons as per census 2011.

It falls into two nearly equal portions of hill and plain country. Its eastern face consists of the westward slope of the Solar Singhi Hills; parallel with that ridge, a line of lower heights belonging to the Siwalik Range traverses the district from south to north, while between the two chains stretches a valley of uneven width, known as the Jaswan Dun. Its upper portion is crossed by the Sohan torrent, while the Sutlej sweeps into its lower end through a break in the hills, and flows in a southerly direction until it turns the flank of the central range, and debouches westwards upon the plains. This western plain consists of alluvial formation, with a general westerly slope owing to the deposit of silt from the mountain torrents in the sub-montane tract. The Beas has a fringe of lowland, open to moderate but not excessive inundations, and considered very fertile. A considerable area is covered by government woodlands, under the care of the forest department. Rice is largely grown, in the marshy flats along the banks of the Beas. Several religious fairs are held, at Anandpur Sahib, Dasuya, Mukerian and Chintpurni, all of which attract an enormous concourse of people. The district, owing to its proximity to the hills, possesses a comparatively cool and humid climate. Cotton fabrics are manufactured, and sugar, rice, other grains and indigo are among the exports.

The closest airport to Hoshiarpur is Adampur Airport,[11] 25 km (16 mi) south-west of the city. Adampur Airport, is a regional airport which serves one daily flight by Spicejet to Delhi Airport and another spice jet flight to Mumbai (Frequency varies). The nearest full fledged International Airport is Sri Guru Ram Dass Jee International Airport in Amritsar, which is situated around 125 km North-West of Hoshiarpur. Latitude and longitude coordinates are: 31.527355, 75.913673 and is situated in northern Punjab, Hoshiarpur.

District Administrative Set-up



Local institutions

In District Hoshiarpur, there are total 04 Tehsils, 11 towns & 01 Municipal Corporation. There are 05 Sub-Tehsil, 09 Blocks, 7 Municipal Council and 2 Nagar Panchayat. There are total 1416 Villages in the District & have 1416 Gram Panchayats.

Natural Resources

• Water bodies:

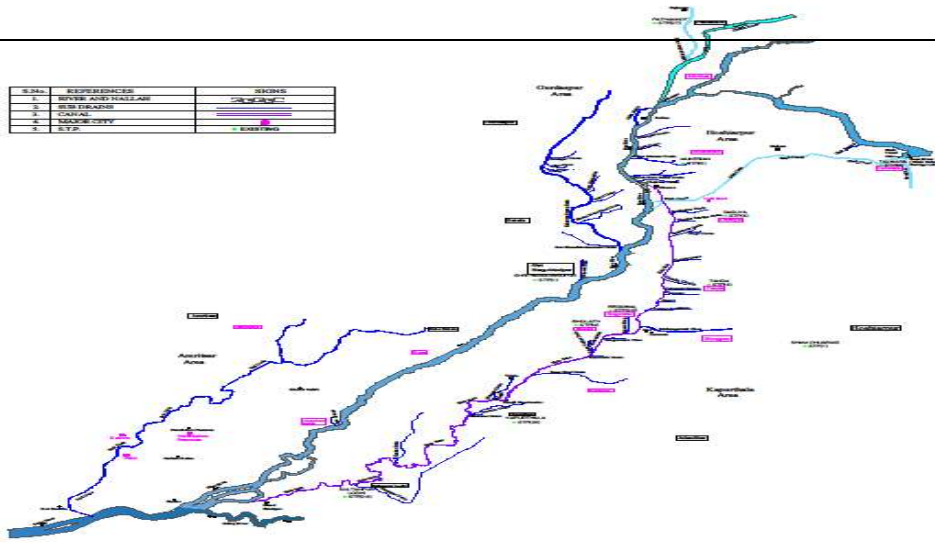
- River Beas
Though the district of Hoshiarpur lacks a perennial river, it has tributaries of Beas and Sutlej inundating its land towards North Western and Southern directions. Beas River enters this district at Talwara and after a distance of 40 km forms the boundary between Hoshiarpur and Gurdaspur districts. The White Bein and Black Bein tributaries of this river occupy a major portion of district and they contain water all through the year. They originate in a jhil and then proceed like a master stream with lesser width but greater depth.

Other main water bodies found in this district are the seasonal streams called choes. They have strong presence throughout this district and they are generally named after the areas through which they are passing. In the rainy season, these choes get flooded with water and then this water shrinks

away fast leaving the thick deposits of sand and silt behind. They originate from Shivalik slopes and take shape of wide channels after entering the foothill plains. There are more than 100 choes flowing in this district though their channelization has been done to avoid any disaster caused by over flooding. Apart from these, there are many dams and canals like Shan Nahar Canal and Bist Doab Canal present in Hoshiarpur. The detail of major drains in District Hoshiarpur along with the details of villages discharging its effluent is as under:-

S. N	Name of the drain	Wastewater carried by the drain from which State / U.T.
1	Sadarpur Drain	Wastewater of Vill. Sadarpur.
2	Nangal Sehgo Drain	Wastewater of Vill. Sehge, Narayangarh
3	Dasuya Drain	M.C Dasuya
4	Safdar Drain	Wastewater of Vill. Buchhan, Chak Bamu, Alampur, Kahlwan, Gilzian, Ibrahimpur, Mada and other Rural areas
5	Kurala Drain	Wastewater of Vill. Gill & Kadari Chak
6	Tanda Drain	Wastewater of MC Tanda (Various outlet of Commercial and residential area) & Kotli Rural areas
7	Mehangrewal Choe	Wastewater of Vill. Tanda & MC Hariana
8	Begowal Drain	Wastewater of M.C. Begowal
9	Kingranwala Choe	Wastewater of Vill Akala and Bhagriani, Vill Bulle, Vill Pachranga, Vill Kingrawala, Vill Koja, Vill Kotla, MC Sham Chaurasi

S.No.	DESCRIPTION	STATUS
1.	BEAS ACTION PLAN	Under Review
2.	BEAS PROJECT	Under Review
3.	BEAS PROJECT	Under Review
4.	BEAS PROJECT	Under Review
5.	BEAS PROJECT	Under Review



The control of pollution in River Beas is under active considerations of state of Punjab. In this regard, meetings are being taken by Hon'ble Chief Minister, Punjab with various heads of department's at regular intervals to review their progress. Since pollution in Beas is being caused by no. of sources in Himachal Pradesh also, therefore the matter was taken up at highest level. For abatement of pollution in River Beas, Action Plan Clean River Beas has been prepared and various activities are being carried out by PPCB as per time frame prescribed in the Action Plan.

- **Availability of water resources**

The major source is ground water. However as per CGWA report the ground water development in all the block of the District has been categorized as over exploited. Net annual ground water availability of the district is 91817 ham and existing gross ground water draft for all users is 78139 ham.

- **Forest coverage**

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

Sr. no.	Category of area	Ownership	Area in Sq.Km.
1.	Reserve Forests	Govt., of Punjab	27
2.	Protected Forest	Govt., of Punjab	153
3.	Un-classed Forest	Govt., of Punjab	21
4.	Protected Area Under Sec. 4 & 5 of Punjab Land Preservation Act	Govt., of Punjab	893
Total Forest Area			1094

Geography & Demography

Sr. No.	Title	District Hoshiarpur	Punjab State
1.	Area (Sq Km)	3365	50,362

2.	Population (in Lakh)	15.9	277.04
3.	Rural Population (in Lakh)	12.51	173.2
4.	Urban Population (In Lakh)	3.39	103.84
5.	% Increase in Population (2001-2011) Decennial Growth rate	15.4	13.55
6.	Density of Population (per Sq km)	472.5	550
7.	Literacy %	85.40	76.7
8.	Sex Ratio (Females per thousand)	961	893

The total area of District Hoshiarpur is 3365km² having population 15.9 lakhs. The rural population of District Hoshiarpur is 12.51 lakh and urban population of District Hoshiarpur is 3.39 Lakh. The literacy rate of District Hoshiarpur is 85.40.

Land-use pattern

Sr . No.	Title	Data of District Hoshiarpur (Ha.)
1.	Total Geographical Area	339
2.	Area under Forest	109
3.	Net Area Sown	154
4.	Gross Cropped Area	348
5.	Total Area irrigated	145

The total Geographical Area of District Hoshiarpur is 339 Ha. The Net area sown & irrigated is 154 Ha. The gross cropped area is 348 hectare of District Hoshiarpur as per financial year 2020-21. The total reserved forest area of district Hoshiarpur is 339 hectare.

Climate

Hoshiarpur features a relatively dry monsoon-influenced humid subtropical climate under the Köppen climate classification, although bordering on a hot semi-arid climate, with three defined seasons; summer, monsoon and winter. Hoshiarpur on average seems roughly 809.3 millimeters (31.86 in) of precipitation annually. The yearly data of climate of district Hoshiarpur is as under:-

Climate data for Hoshiarpur District

Month	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	26.0(78.8)	32.0(89.6)	43.0(109.4)	47.0(116.6)	48.0(118.4)	50.0(122.0)	47.0(116.6)	42.0(107.6)	39.0(102.2)	38.0(100.4)	33.0(91.4)	28.0(82.4)	50.0(122.0)
Average high °C (°F)	19.87(67.77)	22.78(73.0)	28.64(83.55)	35.41(95.74)	40.08(104.14)	41.4(106.52)	37.66(99.79)	34.48(94.06)	33.93(93.07)	32.7(90.86)	27.42(81.36)	22.72(72.91)	31.39(88.5)
Daily mean °C (°F)	15.0(59.0)	18.34(65.01)	24.16(75.49)	31.11(88.0)	36.32(97.38)	38.06(100.51)	34.65(94.37)	31.67(89.01)	30.77(87.39)	28.33(82.99)	22.64(72.75)	17.22(63.0)	27.36(81.25)
Average low °C (°F)	8.5(47.3)	10.89(51.6)	15.25(59.45)	21.76(71.17)	26.87(80.37)	29.59(85.26)	28.3(82.94)	26.05(78.89)	24.24(75.63)	20.71(69.28)	15.45(59.81)	10.95(51.71)	19.88(67.78)
Record low °C (°F)	4.0(39.2)	5.0(41.0)	8.0(46.4)	14.0(57.2)	19.0(66.2)	22.0(71.6)	23.0(73.4)	22.0(71.6)	20.0(68.0)	12.0(53.6)	10.0(50.0)	4.0(39.2)	4.0(39.2)
Average precipitation mm (inches)	57.65(2.27)	88.83(3.5)	72.29(2.85)	66.42(2.61)	54.65(2.15)	74.7(2.94)	292.05(11.5)	449.48(17.7)	238.56(9.39)	36.88(1.45)	10.43(0.41)	33.16(1.31)	122.93(4.84)
Average precipitation days (≥ 1.0 mm)	4.45	6.64	7.64	8.82	9.18	10.45	21.73	22.36	14.45	4.73	1.91	2.64	9.58
Average relative humidity (%)	51.97	53.86	42.51	27.39	21.57	28.94	54.7	70.08	61.89	37.64	33.01	39.71	43.61
Mean monthly sunshine hours	8.1	10.5	11.08	12.39	13.8	14.01	13.68	12.87	11.3	9.63	8.55	8.47	11.2

*Source: India Meteorological Department

ACTION PLAN

WASTE MANAGEMENT PLAN

1. 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.	MC, Hoshiarpur	50	44126	198000	50
2.	MC, Garhshankar	13	3888	16955	2.5
3.	MC, Dasuya	15	5832	25192	5
4.	MC, Tanda	15	5251	23419	5
5.	MC, Mukerian	15	6299	29841	5
6.	MC, Shamchaurasi	9	970	4530	1
7.	MC, Garhdiwala	11	1842	7595	1.5
8.	MC, Haryana	13	4706	19485	1.7
9.	NP, Mahilpur	13	2800	11354	1.5
10.	NP, Talwara	13	4706	19485	1.7
	Total	167	80420	355856	74.9

Sr no.	Local Bodies	No of Village panchayats / Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Village Panchayats	1405	250331	1251656	64.74

b. Identification of gaps and Action plan:

Sr.No.	Action points For villages / blocks / town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
1.	Segregation				
I.	MC, Hoshiarpur	Achievement-100% Gap – 0%	To achieve 100% segregation, following measures are being taken: ✓ Public awareness by holding ward wise camps. ✓ IEC activities.	Municipal Commissioner, Hoshiarpur	Activity Completed

			<ul style="list-style-type: none"> ✓ By providing compartmentalised rehris to the workers. ✓ By imparting to the waste collected workers. 		
II.	MC, Garhshankar	Achievement-90% Gap – 10%	<p>To achieve 100% segregation, following measures will be taken:</p> <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehris to the workers. <p>By imparting to the waste collected workers</p>	EO Garhshankar	31.03.2022
III.	MC, Dasuya	Achievement-85% Gap – 15%	<p>To achieve 100% segregation, following measures will be taken:</p> <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehris to the workers. <p>By imparting to the waste collected workers</p>	EO Dasuya	31.12.2021
IV.	MC, Tanda	Achievement-100% Gap – 0%	<p>To achieve 100% segregation, following measures are being taken:</p> <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehris to the workers. ✓ By imparting to the waste collected workers. 	EO Tanda	Activity Completed

V.	MC, Mukerian	Achievement-83% Gap – 17%	To achieve 100% segregation, following measures will be taken: <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehri to the workers. By imparting to the waste collected workers	EO Mukerian	31.03.2022
VI.	MC, Shamchaurasi	Achievement-100% Gap – 0%	To achieve 100% segregation, following measures are being taken: <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehri to the workers. By imparting to the waste collected workers.	EO Sham Chaurasi	Activity Completed
VII.	MC, Garhdiwala	Achievement-100% Gap – 0%	To achieve 100% segregation, following measures are being taken: <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalised rehri to the workers. ✓ By imparting to the waste collected workers. 	EO Garhdiwala	Activity Completed
VIII.	MC, Hariana	Achievement-100% Gap – 0%	To achieve 100% segregation, following measures are being taken: <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. 	EO Hariana	Activity Completed

			<ul style="list-style-type: none"> ✓ By providing compartmentalised rehris to the workers. ✓ By imparting to the waste collected workers. 		
IX.	NP, Mahilpur	Achievement-90% Gap – 10%	<p>To achieve 100% segregation, following measures will be taken:</p> <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalized rehris to the workers. <p>By imparting to the waste collected workers</p>	EO Mahilpur	31.03.2022
X.	NP, Talwara	Achievement-95% Gap – 05%	<p>To achieve 100% segregation, following measures will be taken:</p> <ul style="list-style-type: none"> ✓ Public awareness by holding ward wise camps. ✓ IEC activities. ✓ By providing compartmentalized rehris to the workers. <p>By imparting to the waste collected workers</p>	EO Talwara	31.03.2022
XI.	Villages of District Hoshiarpur (1405)	Achievement-0% Gap – 100%	Yet to prepare	DDPO	Preparation of action plan-31-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs

2	Sweeping				
(i)	Manual Sweeping				
I.	MC, Hoshiarpur	Achievement – 100% Gap – 0%	MC Hoshiarpur has proposed to purchase mechanical sweeping machine as per requirement if needed	Municipal Commissioner, Hoshiarpur	Regular activity
II.	MC, Garhshankar	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Garhshankar	Regular activity
III.	MC, Dasuya	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Dasuya	Regular activity
IV.	MC, Tanda	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Tanda	Regular activity
V.	MC, Mukerian	Achievement - 100 % Gap: Nil	To maintain 100 % sweeping all the times	EO Mukerian	Regular activity
VI.	MC, Shamchaurasi	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Sham Chaurasi	Regular activity
VII.	MC, Garhdiwala	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Garhdiwala	Regular activity
VIII.	MC, Hariana	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Hariana	Regular activity
IX.	NP, Mahilpur	Achievement - 100 % Gap: Nil	To maintain 100 % sweeping all the times	EO Mahilpur	Regular activity
X.	NP, Talwara	Achievement – 100% Gap – 0%	To maintain 100 % sweeping all the times	EO Talwara	Regular activity
(ii)	Mechanical Road Sweeping & Collection	Nil	Not Applicable	All EO, MCs and DDPO	Not Applicable
(iii)	Villages Panchayat Distt Hoshiarpur (1405)	Achievement- 10% Gap-90%	More manpower is bein deployed to ensure 100% sweeping	DDPO	Preparation of action plan- 31-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs

					By 30-06-2025 – 355 VPs
3	Waste Collection				
(i)	100% collection of solid waste	<ul style="list-style-type: none"> 100% D to D is achieved by all MCs/NPs Village panchayats Achievement – 0% Gap – 100% 	<ul style="list-style-type: none"> To maintain 100% D to D by ULBs Action plan is yet to be prepare 	<ul style="list-style-type: none"> ULBs DDPO 	<ul style="list-style-type: none"> Regular activity <p>Preparation of action plan- 31-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs</p>
(ii)	Arrangement for door to door collection	<ul style="list-style-type: none"> By providing waste collection trolleys & tricycle in each ward of MC/NP Tata Ace/ Rickshaw Rehri Hoshairpur: 30/130 Garhshankar: 01/39 Mahilpur: 01/13 Dasuya: 05/27 Garhdiwala: 02/09 Mukerian: 0/28 Shamchaurasi:01/12 Tanda: 02/32 Hariana: 01/12 Talwara: 02/18 Adequate Village Panchayats (1405) 0/0 	<p>No action required</p> <ul style="list-style-type: none"> Action plan is yet to be prepared for arrangements of D to D collection. 	<ul style="list-style-type: none"> ULBs DDPO 	<ul style="list-style-type: none"> Activity Completed <p>Preparation of action plan -31-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VP</p>

					By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
(v) Waste Deposition Centers (for domestic hazardous wastes)					
I.	MC, Hoshiarpur	Required – 04 Installed – 02 Gap – 02	The domestic hazardous waste collected from D to D is being stored at MRFs	Municipal Commissioner, Hoshiarpur	31.03.2022
II.	MC, Garhshankar	Required –1 Installed – 1 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs.	EO Garhshankar	Activity completed
III.	MC, Dasuya	Required –1 Installed – 1 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs.	EO Dasuya	Activity completed
IV.	MC, Tanda	Required – 2 Installed – 2 Gap – Nil	The domestic hazardous waste collected from D to D is being stored at MRFs	EO Tanda	Activity completed
V.	MC, Mukerian	Required –1 Installed – 1 Gap –NIL	The domestic hazardous waste collected from D to D is being stored at MRFs.	EO Mukerian	Activity completed
VI.	MC, Shamchaurasi	Required –1 Installed – 1 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs	EO Sham Chaurasi	Activity completed
VII.	MC, Garhdiwala	Required –1 Installed – 1 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs	EO Garhdiwala	Activity completed
VIII.	MC, Hariana	Required – 01 Installed – 01 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs	EO Hariana	Activity completed

IX.	NP, Mahilpur	Required – 1 Installed – 1 Gap – Nil	The domestic hazardous waste collected from D to D is being stored at MRFs.	EO Mahilpur	Activity completed
X.	NP, Talwara	Required –1 Installed – 1 Gap –0	The domestic hazardous waste collected from D to D is being stored at MRFs	EO Talwara	Activity completed
XI.	Villages Panchayat (1405)	Yet to provide	Yet to prepare	DDPO	Preparation of action plan - 30-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	ULB: Rickshaw Rehris/Tata Ace/Tractor trolleys • Hoshairpur: 130/30/02 • Garhshankar: 39/1/1 • Mahilpur: 13/1/1 • Dasuya: 27/05/02 • Garhdiwala:9/2/1 • Mukerian: 28/0/3 • Shamchaurasi: 9/1/1 • Tanda:32/2/1 • Hariana: 19/1/1 • Talwara:18/02/02 Adequate	No Action Required	MCs/NPs	Activity Completed

(ii)	Bulk Waste Trucks	Required – 0 Gap-0	Not Required	MCs/NPs	Activity completed
(iii)	Waste Transfer points	Required – 0 Gap-0	Adequate	MCs/NPs	Activity Completed
5	Waste Treatment and Disposal				
(i)	Wet-waste Management : On-site composting by bulk waste generators	<p>BWGs</p> <ul style="list-style-type: none"> • MC Hoshiarpur: Identified: 19 onsite composting: 19 • MC : Garhshankar Identified: 08 onsite composting: -01 • MC Mahilpur: Identified: 3 onsite composting: 3 • MC Dasuya Identified: 08 onsite composting: 0 • MC Garhdiwala : Identified:05 onsite composting: 05 • MC Mukerian: Identified:7 onsite composting: 7 • MC Sham Chaurasi: Identified: 1 onsite composting: 1 • MC Tanda: Identified:04 onsite composting: 04 • MC Haryana: Identified: 01 onsite composting: 01 • NP Talwara: Identified:01 onsite composting: 01 	Identified bulk generators will be visited and onsite Composting will be get done from them. Also, new bulk generators will be identified.	MC/NP & PPCB	31.03.2022

(ii)	Wet-waste Management: Facilities for central Bio-methanation/ Composting of wet waste.				
I.	MC, Hoshiarpur	Required - 213 Provided – 213 Gap - 0	Already provided required no. of compost pits, however, its effective use will be ensured.	Municipal Commissioner, Hoshiarpur	Activity completed
II.	MC, Garhshankar	Required - 24 Provided – 24 Gap -0	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Garhshankar	Activity completed
III.	MC, Dasuya	Required - 25 Provided – 25 Gap -0	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Dasuya	Activity completed
IV.	MC, Tanda	Required - 36 Provided – 36 Gap -0	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Tanda	Activity completed
V.	MC, Mukerian	Required - 45 Provided – 45 Gap -NIL	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Mukerian	Activity completed
VI.	MC, Shamchaurasi	Required - 10 Provided – 10 Gap -0	Already provided required no. of compost pits	EO Sham Chaurasi	Activity completed
VII.	MC, Garhdiwala	Required - 12 Provided – 12 Gap -0	Already provided required no. of compost pits	EO Garhdiwala	Activity completed
VIII.	MC, Hariana	Required - 12 Provided – 12 Gap -0	Already provided required no. of compost pits	EO Hariana	Activity completed
IX.	NP, Mahilpur	Required - 19 Provided – 19 Gap - Nil	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Mahilpur	Activity completed
X.	NP, Talwara	Required - 20 Provided – 20 Gap -0	Already provided required no. of compost pits, however, its effective use will be ensured.	EO Talwara	Activity completed
XI.	Villages Panchayat (1405)	Not adequate	plan yet to be prepared	DDPO	Preparation of action plan - 30-03-2022 Implementation - 30-06-2025 By 30-06-2022 –

					350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
(iii)	Dry-Waste Management : Material Recovery for dry-waste fraction	<p>MC Hoshiarpur Required- 04 Available - 04 Gap – 0</p> <p>MC Garshankar Required- 01 Available - 01 Gap – 0</p> <p>NP Mahilpur Required- 1 Available - 1 Gap – Nil</p> <p>MC Dasuya Required- 1 Available - 1 Gap – 0</p> <p>MC Garhdiwala Required- 1 Available - 1 Gap – 0</p> <p>MC Mukerian Required- 1 Available - 1 Gap – NIL</p> <p>MC Shamchaurasi Required- 1 Available -1 Gap – 0</p> <p>MC Tanda Required- 3 Available - 3 Gap – 0</p> <p>MC Hariana Required- 01 Available - 01 Gap – 0</p> <p>NP Talwra Required-01 Available - 01 Gap – 0</p>	All MCs/NPs have provided required no. of Material Recovery Facilities.	All MCs/ NPs	Activity completed

		Villages Panchayat – Not Provided	Action plan yet to be required	DDPO	Preparation of action plan - 30-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	All MCs except MC Mukerian have already identified land for sanitary landfill site and work has been completed	Mc Mukerian is in the process of establishing sanitary landfill site.	MC Mukerian	MC Mukerian by 30.06.2022
(v)	Remediation of historic / legacy dumpsite				
I.	MC, Hoshiarpur	<ul style="list-style-type: none"> • Total legacy waste = 149000 MT • Waste remediated – 100589 MT • Balance – 48411 MT 	Remediation started and under process.	Municipal Commissioner, Hoshiarpur	Start date – Already started Completion date – 30.06.2022
II.	MC, Garhshankar	<ul style="list-style-type: none"> • Total legacy waste = 100MT • Waste remediated – 25MT • Balance – 75 MT 	Remediation started and under process.	EO Garhshankar	Start date – already started Completion date –31.12.2022
III.	MC, Dasuya	<ul style="list-style-type: none"> • Total legacy waste = 1320MT • Waste remediated – 0 MT • Balance – 1320 MT 	The Mechanical separator has been purchased and will be commissioned soon	EO Dasuya	Start date – 15.12.2021 Completion date – 31.12.2022

IV.	MC, Tanda	<ul style="list-style-type: none"> • Total legacy waste = 12900 MT • Waste remediated – 50 MT • Balance –12850 MT 	The Mechanical separator has been purchased and has been commissioned.	EO Tanda	Start date – already started Completion date –30.06.2022
V.	MC, Mukerian	<ul style="list-style-type: none"> • Total legacy waste = ...00.....MT • Waste remediated – ...00....MT • Balance – ...00... MT 	There Is No Legacy Waste	EO Mukerian	Activity Completed
VI.	MC, Shamchaurasi	<ul style="list-style-type: none"> • Total legacy waste = 2500 MT • Waste remediated – 125 MT • Balance – 2375 MT 	The Mechanical separator has been purchased and has been commissioned.	EO Sham Chaurasi	Start date – Already Started Completion date – 30.06.2022
VII.	MC, Garhdiwala	<ul style="list-style-type: none"> • Total legacy waste = 2100 MT • Waste remediated – 0 MT • Balance – 2100 MT 	The Mechanical separator has been purchased and will be commissioned soon	EO Garhdiwala	Start date – 30.11.2021 Completion date – 30.06.2022
VIII.	MC, Hariana	<ul style="list-style-type: none"> • Total legacy waste = 3200 MT • Waste remediated – 0 MT • Balance – 3200 MT 	The Mechanical separator has been purchased and will be commissioned soon	EO Hariana	Start date – 30.11.2021 Completion date – 30.07.2022
IX.	NP, Mahilpur	<ul style="list-style-type: none"> • Total legacy waste = 100MT • Waste remediated 0 MT • Balance – 100 MT 	The Mechanical separator has been purchased and will be commissioned soon	EO Mahilpur	Start date – 30.11.2021 Completion date – 30.07.2022
X.	NP, Talwara	<ul style="list-style-type: none"> • Total legacy waste = 0MT • Waste remediated – 0MT • Balance – 0 MT 	There Is No Legacy Waste	EO Talwara	Activity Completed
XI.	Villages Panchayat (1405)	Not started	Scheme for treatment of legacy waste in villagers is yet to be prepared accordingly	DDPO	Preparation of action plan - 30-03-2022 Implementation - 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs

					By 30-06-2025 – 355 VPs
(vi)	Involvement of NGOs	Yes	NGOs shall be identified for the purpose.	MCs/NPs and DDPO	Regular Activity
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Linkage with Producers / Brand Owners	The producers / brand owners are being pursued to submit the action plan for disposal of plastic waste under EPR.	ULBs	30.06.2022
(viii)	Authorization of Waste Pickers	ULB: WPs Identified/ Authorized <ul style="list-style-type: none"> • Hoshairpur: 116/116 • Garhshankar: 20/20 • Mahilpur: 10/10 • Dasuya: 06/06 • Garhdiwala: 06/06 • Mukerian: 0/0 • Shamchaurasi: 4/4 • Tanda: 08/08 • Hariana: 03/03 • Talwara 04/04 	As per requirement, authorization of waste pickers will be carried out.	ULBs & DDPO	Regular activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	<ul style="list-style-type: none"> • All MCs/NPs have already prepared • In village panchayats - yet to prepare. 	<ul style="list-style-type: none"> • All MCs/NPs have prepared • For village panchayats – Not yet prepared. 	<ul style="list-style-type: none"> • ULBs • DDPO 	<ul style="list-style-type: none"> • Activity completed • 31.03.2022
(x)	Removal of garbage vulnerable points (GVPs)	No gap	All the identified (GVPs) have been removed by the all MCs/NPs. However, a strict watch will be kept to avoid reoccurrence of GVPs	All ULBs	Activity Completed
(xi)	Provision of green belt and boundary wall around solid waste dumping site.	MC Hoshiarpur Green Belt – Not provided Boundary Wall – Not provided MC Garhshankar Green Belt – Not adequate Boundary Wall – Under process NP Mahilpur Green Belt – Provided	The green belt around the boundary wall and construction of boundary wall of ULBs will be started &	Concerned MCs/NPs	MC Hoshiarpur – by 31.03.2022 Remaining ULBs by 30.09.2022

		<p>Boundary Wall – Yet to be provided</p> <p>MC Dasuya Green Belt – Not adequate Boundary Wall – Under process</p> <p>MC Garhdiwala Green Belt – Not adequate Boundary Wall – Under process</p> <p>MC Mukerian There Is No Solid Waste Dump Site. Mc Mukerian shares Waste dumping site with MC Pathankot.</p> <p>MC Shamchaurasi Green Belt – Not Provided Boundary Wall – Not Provided</p> <p>MC Tanda Green Belt – Partly provided Boundary Wall – Partly provided</p> <p>MC Hariana Green Belt – Not adequate Boundary Wall – Under process</p> <p>NP Talwara Green Belt – Provided Boundary Wall - Provided</p>	completed by 30.09.2022.		----
(xii)	Providing compartments and GPS tracking in garbage carrying vehicles	All the MCs/NPs have provided compartments & VPS tracking in garbage carrying vehicle – 45 Vehicles in all ULBs	Already complied with	ULBs	Activity completed
(xiii)	Action Plan for Treatment of leachate generated from legacy waste	Treatment of leachate	Leachate management will be done alongwith Bio- remediation of legacy waste by all ULBs.	MCs/NPs	M.C. Hoshiarpur by 30.06.2022 Remaining M.Cs / NPs by 31.12.2022

	dumpsite. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)				
(xiv)	Best practices, including setting up of Control Rooms where citizens can upload photos of garbage which may be looked into by the specified 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)	No Gap	Swachhata app is widely used by citizens for complaints related to SWM/ SBM, It is resolved and monitored at ULB and state level both. Link for updated Swachhata-MoHUA App: https://play.google.com/store/apps/details?id=com.ichangemycity.swachhbharat	All Local bodies	Activity Completed
(xv)	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)	None of the MC/NP has installed CCTV camera at dump sites	CCTV cameras will be installed at dumping sites.	MCs/NPs	31.12.2022
(xvi)	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)	MC Hoshiarpur Installed MC Garhshankar Not installed NP Mahilpur Not installed MC Dasuya Not installed MC Garhdiwala Not installed MC Mukerian Not installed	Piezometers at dump sites have not been installed except MC Hoshiarpur. Shall be installed by 31.03.2022 However, monitoring is being carried out on regular basis.	Concerned MCs/NPs	M.C. Hoshiarpur – Activity Completed Remaining M.Cs / N.Ps by 31.03.2022

		MC Shamchaurasi Not installed MC Tanda Not installed MC Hariana Not installed NP Talwara Not installed			
(xvii)	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	Presently Carcass of dead animals are being given to private contractor by MCs/NPs.	Proposal for utilization of carcass in a scientific manner is under consideration. However, boundary wall, hedges and plantation all around the carcass disposal points will be provided to control nuisance in the area by 31.03.2022.	MCs/NPs	For proposal submission – 31.3.2022 For installation – 30.06.2023
(xviii)	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	No gap	Carcass disposal will be ensured under the supervision of veterinary doctors.	MCs/NPs	Regular activity
(xix)	Management of waste water and solid waste by the unauthorized colonies /	Inadequate management of solid waste and liquid waste in colonies / commercial complex.	The unauthorized colonies / residential complex/commercial complex projects will be visited to verify the present method of	MCs/NPs	Identification – 31.03.2022 Implementation – 31.03.2023

	residential complex/commercial complex developed by Pvt. Colonizers.		management of solid waste & liquid waste generated from said projects and compliance will be made from said projects, thereafter, accordingly.		
(xx)	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	31.10.2022
(xxi)	Information Education and Communication (IEC) activities in respect of solid waste.	No gap	The IEC activities in this regard are already being done by the concerned departments. However, more IEC activities will be carried out for creating more awareness for the management of solid waste.	MCs/NPs	Regular Activity
(xxii)	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.	No gap	Constituted by the State Government.	State Government	Activity completed
(xxiii)	Management of carcass in rural area.	Inadequate management of carcass in rural area.	No. of carcasses existing = 1405	DDPO	Preparation of action plan - 30-03-2022 Implementation - 30-06-2025 By 30-06-22 – 350VPs By 30-06-23 –

					350VPs By 30-06-24 – 350VPs By 30-06-25 – 355 VPs
(xxiv)	Dry-Waste Management: Material Recovery for dry-waste fraction (RDF)	Initiated	All MCs/NPs have provided adequate no. of MRFs for the management of dry waste.	MCs/NPs.	Activity completed
(xxv)	Management of Horticulture Waste in MCs.	No. Parks –68 Compost Pit Provided- 68 Gap - 0	All MCs / NPs have provided adequate no. of compost pits for the management of horticulture waste.	MCs/NPs	Activity completed

2. 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.	MC, Hoshiarpur	5.5
2.	MC, Garhshankar	0.40
3.	MC, Dasuya	0.6
4.	MC, Tanda	0.6
5.	MC, Mukerian	0.8
6.	MC, Shamchaurasi	0.12
7.	MC, Garhdiwala	0.2
8.	MC, Hariana	0.5
9.	NP, Mahilpur	0.3
10.	NP, Talwara	0.5
	Total	9.52

	Local Bodies	Estimated quantity of Plastic Waste Generated MT/per day
1	Villages Panchayats (1405)	12.6

(b) Identification of gaps and Action plan:

S. No.	Action points For village panchayats / blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target timefor Compliance
1.	Door to Door collection of dry waste including PW	MCs/NPs Achievement – 100% Gap – Nil Villages Panchayat (1405)– not initiated	Already achieved 100 % door to door collection by all ULBs Action Plan is yet to be prepared	MCs/NPs DDPO	Regular activity Preparation of action plan - 30-03-2022

					Implementation- 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	Adequate through Door to Door garbage Collection Rickshaw Rehris etc <ul style="list-style-type: none"> • Hoshiarpur: 2 • Garhshankar: 15 • Mahilpur: 13 • Dasuya: 27 • Garhdiwala:09 • Mukerian: 28 • Shamchaurasi:11 • Tanda:32 • Hariana: 19 • Talwara: 18 Village Panchayats (1405)-	All MCs/NPs have installed required no. Material Recovery Facilities (MRF). Action plan yet to be prepared	MCs/NPs DDPO	Activity completed Preparation of action plan - 30-03-2022 Implementation- 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
3.	PW collection Centres	MC Hoshiarpur Required-4 Available -4 Gap –0 MC Garhshankar Required- 01 Available - 01 Gap –0 NP Mahilpur Required- 1 Available - 1 Gap – Nil MC Dasuya Required- 01 Available - 01 Gap – 0	All MCs/NPs have installed required no. Material Recovery Facilities (MRF)	MCs/NPs	Activity Completed

		<p>MC Garhdiwala Required- 01 Available - 01 Gap – 0</p> <p>MC Mukerian Required-1 Available - 1 Gap – NIL</p> <p>MC Shamchaurasi Required- 1 Available - 1 Gap –0</p> <p>MC Tanda Required- 03 Available - 03 Gap – 0</p> <p>MC Hariana Required- 01 Available - 01 Gap – 0</p> <p>NP Talwra Required- 01 Available - 01 Gap – 0</p>			
4.	Awareness and education programs implementation	No Gap	Awareness is being created amongst the public by organizing seminars, through school children, by providing banners at prominent places of the city etc. The MCs/NPs are conducting meetings with owners of hotels / restaurants / marriage palaces to eliminate single use plastic.	MCs/NPs	Regular activity
5.	Access to Plastic Waste Disposal Facilities	Hoshiarpur: MC Hoshiarpur executed an agreement with Shakti Plastic Pvt. Lmt. to purchase/collect any kind of plastic waste.	The use of plastic waste in road construction and in industrial sector like pyrolysis plants, recyclers etc. is being made by remaining MCs/NPs.	MCs/NPs	Regular Activity

		<p>Garhshankar: MC Garhshankar executed an agreement with Shakti Plastic Pvt. Ltd. to purchase/collect any kind of plastic waste.</p> <p>Sham Churasi: MC Sham Churasi executed an agreement with Shakti Plastic Pvt. Ltd. to purchase/collect any kind of plastic waste.</p> <p>Gardhiwala: MC executed an agreement with Shakti Plastic Pvt. Ltd. to purchase/collect any kind of plastic waste.</p> <p>Tanda: MC executed an agreement with Shakti Plastic Pvt. Ltd. to purchase/collect any kind of plastic waste.</p> <p>Dasuya: MC Dasuya executed an agreement with Shakti Plastic Pvt. Ltd. to purchase/collect any kind of plastic waste.</p> <p>Mahilpur: NP Mahilpur</p>			
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		<p>executed an agreement with Shakti Plastic to purchase / collect any kind of plastic / garbage.</p> <p>Mukerian: MC Mukerian executed an agreement with Shakti Plastic Pvt. Lmt. to purchase/collect any kind of plastic waste.</p> <p>Talwara: MC executed an agreement with Shakti Plastic Pvt. Lmt. to purchase/collect any kind of plastic waste.</p> <p>Haryana: MC executed an agreement with Shakti Plastic Pvt. Lmt. to purchase/collect any kind of plastic waste.</p>			
6.	<p>Plastic Industry Registration.</p> <p>Total no. of plastic unit required registration.</p> <p>Total no. of plastic unit obtained registration.</p> <p>(Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)</p>	<p>Total units – 09</p> <p>Registration obtained – 05</p> <p>Gap – 04</p>	<p>The industrial units who are not registered under plastic rules are being pursued for obtaining registration by the Board</p>	PPCB	30.06.2022
7.	<p>Development and setting up of</p>	<p>Inadequate disposal</p>	<p>• PMIDC came into contract</p>	MCs / NPs	31.03.2022

	<p>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)</p>	<p>arrangement of plastic waste</p>	<p>with one agency MAX speciality Films in this regard to purchase/collect any kind of plastic garbage from the ULBs.</p> <ul style="list-style-type: none"> • PMIDC coordinated with PWD and Mandi Board to utilize plastic waste in Roads. • More effective Disposal facility needs to be engaged under guidance of PMIDC 		
8.	<p>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)</p>	<p>ULBs- Already made Rural areas- yet to frame</p>	<p>MCs/NPs already framed Rural Panchayats = yet to prepared</p>	<p>MCs/NPs and DDPO</p>	<p>Activity already completed 31.03.2022</p>
9.	<p>Set up, operationalize and co-ordinate for Plastic Waste management in Rural area. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)</p>	<p>Inadequate</p>	<p>Proposal is yet to be prepared</p>	<p>DDPO</p>	<p>Preparation of action plan - 30-03-2022 Implementation- 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs</p>

10.	Ban on non-recyclable single use polythene bags. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	ULBs - Initiated	Ban has been already imposed by the State Govt., on sale, purchase, manufacturing and stock of plastic carry bags. The MoEF & CCP 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.	ULBs & PPCB	Activity completed
11.	Segregation, collection, storage, transportation of plastic waste and channelizing of recyclable plastic waste fraction to recycler having valid registration. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	No gap.	Recyclable plastic waste is collected, transported and stored separately by all ULBs. Currently such plastic is being stored at MRF.	ULBs	Activity completed
		In Villages – not adequate.	Action plan is yet to be prepared	DDPO	Preparation of action plan - 30-03-2022 Implementation- 30-06-2025 By 30-06-2022 – 350VPs By 30-06-2023 – 350VPs By 30-06-2024 – 350VPs By 30-06-2025 – 355 VPs
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)	No Gap	Awareness is being carried out on regular basis by organizing camps.	ULBs & 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)	No gap	Already being followed and seminars are being organized.	DEO (Primary & 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)	Initiated	Directions are already been given to BDPO's ensuring segregation, collection, storage, transportation, plastic waste and channelization of recyclable plastic waste fraction to recyclers having valid registration	DDPO	Regular activity
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)	No gap	All stakeholders are being made aware regarding their responsibility regarding burning of plastic waste. Action against violators is also being taken as per rules.	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	Initiated	Instructions are given to the industries regularly to explore the possibility of use of plastic waste in a scientific manner like in road construction etc. in	PPCB	Regular activity

	collaborate with different research institutes to explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)		consultation with research institutes.		
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3. 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)	MC Hoshiarpur: 1.5 MTD MC Garhshankar: 0.12 MTD NP Mahilpur: 0.086MTD MC Dasuya: 0.19 MTD MC Garhdiwala: 0.05 MTD MC Mukerian: 0.22MTD MC Shamchaurasi: 0.034MTD MC Tanda: 0.17 MTD MC Haryana: 0.14 MTD NP Talwara: 0.14 MTD Total –2.65 MTD
Does the District has access to C&D waste recycling facility?	No

b. Identification of gaps and Action plan:

S. No.	Action points for blocks / town municipalities / City corporations	Identification ofGaps	Action Plan	Respons ible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	All the MCs/NPs have already identified sites and made operational for separate collection of C & D waste	Already completed	MCs / NPs	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 in one day or 300 tons per project in a month?	No gap	Already fixed	MCs/NPs	Activity completed
3.	C&D recycling Facility	Presently, there is no C&D recycling Facility in the District.	Department of Urban Development is preparing proposal for installation of recycling facility.	ADC (UD)	Preparation of proposal : 31.03.2022 Implementation : 30.04.2023

4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Presently there is no C&D recycling facility in the District. No C&D waste is being recycled.	Department of Urban Development is preparing proposal for installation of recycling facility. Once, the recycling facility will be installed, C&D waste will be recycled.	MCs/NPs	Preparation of proposal : 31.03.2022 Implementation : 30.04.2023
5.	IEC on C & D waste management	No gap	Awareness is being made through media, NGOs & radio.	MCs/NPs	Regular Activity

4. Biomedical Waste Management

a. Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	185
Total no. of non-bedded HCF	416
No. of HCFs authorized by SPCBs/PCCs	498
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	196
Capacity of CBWTFs	0
No. of Deep burials for BMW if any	0
Quantity of biomedical waste generated per day	447.5 kg/day
Quantity of biomedical waste treated per day	447.5 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	HCFs have been identified and inventorized.	Regular camps are being organized to pursue the HCFs to obtain the authorization. Also, identification of new HCFs is being carried out on regular basis.	PPCB	Regular activity
2.	Adequacy of facilities to treat biomedical waste	No gap	The bio-medical waste of Distt. Hoshiarpur is being lifted by CBWTF, Pathankot for treatment.	PPCB	Regular activity
3.	Tracking of BMW	No gap	Bar code system has already been implemented by all HCFs and CBWTFs. Also, the bio-medical waste carrying vehicles are equipped with VPS system and being monitored	PPCB	Activity completed

			on regular basis.		
4.	Awareness and education of healthcare staff	No gap	Training programs are being organized for all stakeholders from time to time.	PPCB & HCFs	Regular activity
5.	Adequacy of Funds	No gap	Pvt. HCFs – Funds available Govt. HCFs – Funds are arranged from time to time as per requirement.	CMO	Regular activity
6.	Compliance to Rules by HCFs and CBWTFs	No gap	The HCF are being visited by PPCB to check the compliance of BMW Rules. The HCFs are being pursued to install ETP cum STP in their premises to treat wastewater	PPCB & HCF	31.03.2022
7.	District Level Monitoring Committee	No gap	Meetings are taken almost on monthly basis by DEC	District Administration & PPCB	Regular activity
8.	Wastewater Treatment	<ul style="list-style-type: none"> • Total HCFS Required ETP = 185 • Total HCF installed ETPs =11 • Gap = 174 	HCFs are being pursued to install the wastewater treatment facility. The meetings are being held association level to get the compliance from HCFs.	PPCB	31.03.2022
9.	Disposal of radioactive materials. With the proliferation of radiotherapy, nuclear medicine, X Rays, CT Scans and other equipment's using radioactive materials. (Directions of Hon'ble NGT in OA no. 710 of 2017 dated 18.01.2021)	No gap	<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 not provided the digital x-ray machine have made the agreement with the authorized agency for the 	Health department	Activity Completed

			disposal of its waste.		
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5. Hazardous Waste Management

a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	54
Quantity of HW in the district (MT/Annum)	10389.6
(i) Quantity of Incinerable HW (MT/Annum)	99.85
(ii) Quantity of land-fillable HW(MT/Annum)	926.29
(iii) Quantity of Recyclable / utilizable HW (MT/Annum)	Recyclable: 88.58 Utilizable: 9275.08
No of captive/common TSDF	No TSDF falls under the jurisdiction of District Hoshiarpur
Contaminated Sites or probable contaminated sites	0

b. Identification of gaps and action plan:

Sr. 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	The hazardous waste generating industries have already been identified and inventorized. <ul style="list-style-type: none"> No. of HW generating units: 54 No. of authorized Industries: 54 	Regular camps are being organized to pursue the industries to obtain the authorization. Also, new hazardous waste generating industries are being identified after making field visits.	PPCB	Regular activity
2.	Establishment of collection centres	No gap.	The industries generating hazardous waste have already executed an agreement with TSDF and authorized	PPCB	Regular activity

			recyclers for disposal of hazardous waste. However, a continuous follow up will be made to rule out unscientific disposal of hazardous waste by the industrial unit		
3.	Training of workers involved in handling / recycling / disposal of HW	No gap	The workers are being trained time to time for the management and handling of hazardous waste in industrial units.	Department of Industries and PPCB	Regular activity
4.	Availability / Linkage with common TSDF or disposal facility	No gap.	The hazardous waste generating industries have already executed an agreement with TSDF and authorized recyclers for lifting of hazardous waste from their premises. However, new identification of hazardous waste generating industries is being carried out regularly.	PPCB	Regular activity
5.	Contaminated Sites	Nil	-	-	Not Applicable.

6. E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	Not available
Collection centers established by ULBs in the District	10
Collection centers established by Producers or their PROs	Nil
No. of 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 / bulk waste generator is under process.	To inventorize / identify all the e-waste generating establishments and bulk generators.	PPCB	30.03.2022
2	E-Waste collection points	Already provided	Already established	MCs/NPs	Activity completed
3	Linkage among Stakeholders to channelize E-Waste	Linkage among Stakeholders is being done	Work under progress	MC/NP	31.03.2022
4	Regulation of Illegal E-Waste recycling / dismantling	Not initiated	Surprise visits will be made to identify illegal e-waste recyclers / dismantlers	District Administration & PPCB	31.12.2022
5	Integration of informal sector	Being done.	Process initiated	District Administration & PPCB	31.03.2022
6	Awareness and Education	Initiated	Special workshops and awareness campaigns through Producers / PROs is being 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)	Initiated	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)	Yet to initiate	This is a continuous Activity. All the EPR Authorized Producers will be verified.	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)	Yet to initiate.	This is a continuous activity. All the EPR authorized producers will be verified.	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)	Yet to initiate.	This is a continuous activity. All the dismantlers/recyclers will be verified.	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)	Yet to initiate.	Quarterly drive will be carried out checking of this activity.	District Administration/ PPCB	Regular activity
12.	Governance framework for monitoring compliance. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Yet to initiate.	Regular Monitoring will be carried out to check the compliance.	District administration/ PPCB.	Regular activity
13.	Capacity building at district level. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Workshops/seminars to educate functionaries is being organized on regular basis.	District Administration, PPCB & Local bodies.	Regular activity
14.	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
15.	Strengthen system of enforcement. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Being carried out from time to time.	District Administration, PPCB & Local bodies	Regular activity

16.	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)	Not initiated	There is 1 no. industrial focal point at Hoshiarpur and 1 no. focal point Tanda. Proposal is being prepared for allocation of space to the e-waste dismantling and recycling units	PSIEC	31.12.2022
17.	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
18.	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
19.	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)	No gap	Already completed	All Local Bodies	Activity completed.

3.0 Air Quality Management

a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district.	
- Operated by SPCB / State Govt / Central govt./ PSU agency :	Nil
- Operated by Industry:	Nil
Number of manual monitoring Stations operated by SPCBs	1
Name of towns / cities which are failing to comply with national ambient air quality stations	Nil
No. of air pollution industries	666
No. of units installed APCD	666
Status of Air consent	666 (Once Granted)
Prominent air polluting sources	Paper Industry / Food Processing / Milk Plants / Rice Shellers / Brick Kilns/ activated carbon units/Burning of Waste stubble / Vehicular pollution.

b. Identification of gaps and action plan:

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan.
1.	Identification of prominent air polluting sources?	Small scale Industry (brick kiln & rice sheller), Unpaved Roads, Burning of Waste Stubble & Vehicular pollution.	PPCB, PWD & Agriculture Department	Regular activity
2.	Ambient Air quality data?	01 no. air quality monitoring stations have already been installed at village Binjon, Tehsil Garhshankar, Distt Hoshiarpur. The data of said station is being uploaded on official website of PPCB on regular basis. Web link: ppcb.gov.in/en/air-quality	PPCB	Regular Activity

3.	Setting up of Continuous Ambient Air Quality Monitoring Station (CAAQMS)	At present, there is no proposal for installation of CAAQMS at District Hoshiarpur as this district does not falls in the list of non-attainment cities.	PPCB	Regular Activity
4.	District Level Action Plan for Air Pollution	District Hoshiarpur does not falls in the list of non-attainment cities. Hence not applicable.	PPCB	Regular Activity
5.	Hotspots of air pollution in District	District Hoshiarpur does not falls in the list of non-attainment cities. Hence not applicable.	PPCB	Regular Activity
6.	Awareness on Air Quality	Awareness is being carried out on regular basis. The data of air quality monitoring station is also uploaded on official website of PPCB to create awareness to the public. Web link: ppcb.gov.in/en/air-quality	PPCB	Regular activity
7.	Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns	All the operational brick kilns have already been converted into induced draft technology	PPCB	Activity completed
8.	Maintain pothole free roads / timely patchwork on roads	Patchwork of roads is a continuous process. As and when potholes are developed, the same are got repaired as soon as possible.	PWD	Regular activity
9.	Procurement of Mechanical sweeping machines	Process for procuring mechanical sweeping machines is under process for all the ULBs	All MCs/NPs	31.12.2022
10.	Plantation of trees along highways, drains, Nallahs in colonies and canals etc.,	Plantation is being carried out from time to time.	MCs/NPs	Regular activity
11.	Greening of parks, open areas, community places, schools and housing societies	Plantation drive will be carried out on regular basis to have a more plantation at different locations.	PPCB, Forest Dept.	Regular activity
12.	Kaccha/Brick Paved Roads to be made Pucca roads	The Paved roads/kaccha roads will be converted into pucca roads in each ULBs.	MCs/NPs	30.06.2022
13.	Existing roads requiring recarpeting	The roads of ULBs presently are in good condition. The re-carpeting will be done as and when required.	MCs/NPs	Regular activity

14.	Public awareness campaign for control of vehicular emissions	The camps are being organized on regular basis. Facebook, Twitter & Instagram) is also being used to spread traffic awareness. Quarterly camp will be organized for awareness.	Traffic Police, Transport Department	Regular activity
15.	Extensive drive against polluting vehicles	This drive against polluting vehicles has already been initiated by the Police department.	Traffic Police	Regular activity
16.	Prevention parking of vehicles in non-designated areas by enforcement actions	This drive has already been initiated by the Police department to prevent parking of vehicles in non-designated areas. Challans are also been issued to the violators.	Traffic Police	Regular activity
17.	Phasing out commercial diesel vehicles more than 15 years old	Scheme under consideration.	Transport	31.12.2022
18.	Promotion of E-Vehicles	Promotion of E-vehicles is being carried out.	Transport	Regular activity
19.	Infrastructure development for additional of CNG based autos/taxis	Infrastructure will be developed to promote CNG based autos/taxis. Also IEC activities will be carried out to create awareness in this regard.	DFSC	31.03.2022
20.	Control of open burning of bio-mass.	Regular monitoring is being done in each ULB.	MCs/NPs	Regular activity
21.	Dissemination of Air Quality Index by installing CAAQMS	At present, there is no proposal for installation of CAAQMS at District Hoshiarpur as this district does not falls in the list of non-attainment cities.	PPCB	Regular Activity
22.	Dissemination of Air Quality Index by installing display boards in the city	At present, there is no proposal for installation of CAAQMS at District Hoshiarpur as this district does not falls in the list of non-attainment cities.	PPCB	Regular Activity
23.	Quality Management Division (AQMD) at PPCB (HQ) Establishment of an Air Quality Monitoring Station	Work is under progress.	PPCB	31.12.2021
24.	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

25.	Scope for public participation on remedial measures like plantations. (Directions of Hon'ble NGT in OA no. 360/2018 dated 05.07.2021)	Plantation and maintenance will be done by public participation mode.	Department of forest	Regular Activity
26.	For development of plantation along the highways.	This derive will be carried out on regular basis for development of plantation along the highways.	PWD & Deptt. of Forest	Regular Activity
27.	Steps to be taken for management of agriculture waste/residue	<p>1. 360 No. CRM machinery have been procured by farmers under In-Situ CRM Scheme 2021-22.</p> <p>2. 275 Village level, 10 Block level & 2 District Level Awareness cum Training Camps, 30 CRM Machinery Demonstrations, 30 Block wise Awards for Best Gram Panchayats, Farmer Groups, Progressive Farmers (10 each), 3 Publicity Vans & 600 Wall Paintings done for this year to aware famers about no residue burning.</p> <p>3. 193 Village Level Nodal Officers & 65 Cluster Officers Appointed in total 1347 villages to curb stubble burning.</p> <p>4. i-Khet Punjab Mobile App is being promoted amongst famers to rent out the costly machinery from available CHCs.</p>	Agriculture department	Regular Activity.

4.0 Water Quality Management

4.1 Water Quality Monitoring

a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	Beas
Length of Coastline (if any)	Nil
Nalas/ Drains/Creeks meeting Rivers	09
Lakes / Ponds	Nil
Total Quantity of sewage from towns and cities in District	65 MLD
Quantity of industrial wastewater	44.09 MLD
Percentage of untreated sewage	23%
Details of bore wells and number of permissions given for extraction of groundwater	1350
Groundwater polluted areas if any	Nil
Polluted river stretches if any	Nil

b. 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 inventory of water bodies has already been made by the concerned department. weblink: irrigation.punjab.gov.in	Drainage Deptt.	Regular activity
2.	Quality of water bodies in the district	The monitoring of drains is being carried out and data is being maintained. weblink: https://irrigation.punjab.gov.in/en	Department of Irrigation, DDPO and PPCB	Regular activity
3.	Hotspots of water contamination	Being identified.	PPCB	31.03.2022
4.	Protection of river / lakewater front	Awareness is being carried out in the public to stop the dumping of solid waste in drains/Nallah. Patrolling along the drains is also being carried out by the	MCs/NPs & Deptt. of Drainage.	Regular activity

		concerned departments to rule out the disposal of solid waste in an around water bodies.		
5.	Inventory of sources of water pollution	Source of pollution into drains / nallahs is being identified.	MCs/NPs, Drainage department & PPCB	Regular Activity
6.	Oil spill disaster management (for coastal districts)	NA	NA	NA
7.	Protection of flood plains	NA	NA	NA
8.	Rejuvenation of groundwater	Action plan for Rain water harvesting has already been prepared by CGWA. weblink: cgwb.gov.in	CGWA	Regular Activity
9.	Complaints redressal system	Mobile App / Online Complaints redressal system already developed. weblink: publicgrievancepb.gov.in	PPCB	Activity completed

4.2 Domestic Sewage

a. Current status related Domestic Sewage

Details of Data Requirement	Present Status
No of Class-II towns and above	5
No. of Class-I towns and above	1
No. of Towns STPs installed	06 (One by BBMB Talwara)
No. of Towns needing STPs	05, NP Talwara, NP Mahilpur, MC Garhdiwala, MC Garhshankar and MC Hariana.
No. of ULBs having partial underground sewerage network	4
No. of towns not having sewerage network	5
Total Quantity of Sewage generated in District from Class II cities and above	64 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	9 MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	Nil
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	52 MLD

b. 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 (STPs)	MC Hoshiarpur STP of capacity 30 MLD has already installed and made operational.	MC and PWSSB	Activity already completed
		MC Shamchaurasi STP of capacity 1 MLD has already installed and made operational.	MC and PWSSB	Activity already completed
		MC Dasuya STP of capacity 4 MLD has already installed and made operational.	MC and PWSSB	Activity already completed
		MC Tanda STP of capacity 4 MLD has already installed and made operational.	MC and PWSSB	Activity already completed
		MC Mukerian STP of capacity 5 MLD has already installed and made	MC and PWSSB	Activity already completed

		operational.		
		BBMB Talwara STP of capacity 8 MLD has already installed and made operational.	BBMB Talwara	Activity already completed
		MC Garhdiwala STP of capacity 2 MLD has been proposed and work allotted and 40% work were completed.	MC and PWSSB	31.03.2022
		MC Hariana STP of capacity 2 MLD has been proposed and work allotted and 40% work were completed.	MC and PWSSB	31.03.2022
		MC Garhshankar STP of capacity 3 MLD has been proposed, tender received and is under check. Work will be allotted accordingly.	MC and PWSSB	31.03.2023
		NP Talwara STP of capacity 4 MLD has been proposed, tender received and is under check. Work will be allotted accordingly.	MC and PWSSB	31.03.2023
		MC Mahilpur STP of capacity 2 MLD has been proposed, land case sent to PSLG for approval of rates. Tender will be called after approval of rates.	MC and PWSSB	31.03.2023
2	Underground sewerage network	<p>The status of sewerage network for different towns of Distt. Hoshiarpur is as under:</p> <p>Hoshiarpur: 95%</p> <ul style="list-style-type: none"> • Garhshankar: 10% • Mahilpur: 10% • Dasuya: 95% • Garhdiwala: 40% • Mukerian: 83% • Shamchaurasi: 90% • Tanda: 90% • Hariana: 20% • Talwara: 10% <p>The DPR for remaining work has been prepared to complete pending work.</p>	ULBs &PWSSB	31.12.2022

3.	Setting up of real time water quality monitoring system to monitor the quality of water	One no. RTWQMS station has been installed at downstream of river Beas at Shri Hargobindpur Sahib.	PPCB	Activity completed
4.	Operation and Maintenance of STPs (i) Arranging funds for operation and maintenance of STPs to ensure regular operation and maintenance of STPs in a professional manner	Completed, no gap	MC /NP & PWSSB	Regular activity
	(ii) Providing proper in-house laboratory facilities at each STP for maintaining record of characteristics of analysis of untreated as well as treated waste water	Completed	MC /NP & PWSSB	Activity completed
5.	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	Technology already finalized	DDPO / EE, Panchayati Raj	Activity completed
	(ii) Arrangement of Funds for treatment technology in various villages identified in the Action Plan	For 290 no. of village ponds, funds have been arranged. The work for arrangement of funds for the remaining village is under process.	DDPO & Xen Panchayati Raj	31.12.2022
	(iii) Reuse of water for agriculture purpose in villages.	Irrigation scheme has already been implemented. Work on villages is under progress..	DDPO, Soil conservation department & Xen Panchayati Raj.	31.12.2023
	(iv) Proper operation and maintenance of treatment facilities installed in village ponds	In 153 no. of village ponds, operation and maintenance of treatment facilities is being carried out. The work for remaining villages is under progress under the MGNREGA Scheme	DDPO & Xen Panchayati Raj	31.12.2025
6.	(i) Checking of health indices of the in-habitants & maintain database.	Camps are organized on monthly basis	The Department of Health and Family	Regular activity
	(ii) Holding awareness			

	camps in the catchment area of River Sutlej to make the public aware regarding water borne diseases		Welfare	
7.	Setting up of additional water bodies/water harvesting structures	Action plan for setting up of additional water bodies/water harvesting structure is yet to be prepared.	MCs/NPs	31.12.2022
8.	Guidelines for control of pollution and enforcement of Environmental Norms in marriage halls, banquet halls, etc. along with consent management system. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Being implemented as per guidelines framed by CPCB	PPCB	31.12.2022
9.	Installation of ETP in 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)	Being implemented as per guidelines framed by CPCB. <ul style="list-style-type: none"> • Total no. of units: 76 • No. of units having installed ETP / STP: 22, remaining units have provided oil & grease trap for further discharge into sewer • Gap: Nil. • New identification is being done and after identification the units will be directed to provide treatment facility 	PPCB	Regular Activity
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)	Being implemented 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)	Being prepared.	MCs/NPs	30.06.2022
12.	The local bodies/municipal corporations shall publish a public notice in newspapers and on their website for registration of dairy farms and gaushalas as per	The Public notice will be given in the Newspaper and on the website of local body for registration of dairy farms and gaushalas.	MCs/NPs	31.03.2022

	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 capacity aspects by an expert committee. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Noted for compliance and will be assured.	All local bodies & DDPO	Regular activity
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 carried out 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.	Water Resources	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 Pb. and their final recommendations is likely to be submitted by Dec, 2021.	Water Resources	31.03.2022
17.	The Water Management Plans, data on water availability or scarcity and policy of CGWA must be uploaded on its website for transparency and public	Noted for compliance and will be assured.	CGWB	31.03.2022

	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)	A) Till date 7 ponds have been rejuvenated/restored. B) Rest 283 will be restored upto 31.12.2024.	DDPO	<ul style="list-style-type: none"> • 100 ponds: 31.12.2022 • 100 ponds: 31.12.2023 • 83 ponds: 31.12.2024
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)	A proposal will be prepared in coordination with technical bodies to tap excess run of rivers / canals to rainfall season to recharge old water bodies and to retain water in new ponds.	Irrigation / Drainage department / Local Bodies	Time line for parathion of plan – 31.03.2022 Timeline for Implementation of Plan - 30.09.2022 Completion – 31.12.2026
20.	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)	Already implemented	Drainage Department	Activity Completed
21.	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)	Being carried out by all ULBs.	Local Bodies	Regular Activity
22.	Installation of STP will be mandatory for all residential apartments/group housing societies where groundwater requirement is more than 20 m3/day for getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Directions are already being followed.	MCs/NPs	Regular Activity
23.	Comprehensive plan to	Directions will be followed.	PWSSB	Time line for

	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)	Time line for Preparation of plan = 31.03.2022.		Preparation of plan = 31.03.2022. Time line for implementation of plan = 30.09.2022.
24.	Control of illegal extraction of groundwater. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Inspections are being made to control illegal extraction of ground water.	All Local Bodies	Regular Activity
25.	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 by the District Heads and at the level of Deputy Commissioner.	District Heads of concerned departments and District Administration.	Regular activity
26.	Appointment of Nodal officer with contact number	All the departments have appointment the Nodal officer and list is attached as Annexure-1	All concerned departments	Completed
27.	Preparation of operational manual of STPs for the effective and efficient operation of the STPs of the state.	Under preparation.	PPCB	Time target: 31.10.2021
28.	Enhancement of capacity of existing ponds/ water bodies and creating of new water harvesting structures.	A. Existing Ponds(Total) = 1075 B. No. of Ponds whose Capacity has been enhanced = 182 C. New ponds = Nil Source of Funds above activities: Gram Panchayat Fund, Finance Commission, MGNrega.	DDPO	31.12.2025
29.	Usage of treated sewage for sprinkling purposes for sweeping of roads to control dust pollution.	The treated sewage of District Hoshiarpur will be used for sprinkling purposes for sweeping of roads to control dust pollution.	MC/NP	Regular activity
30.	Mapping of the rivers and flood plain zones in the catchment area of rivers of the State.	NA	NA	NA

31.	Utilization of STPs sludge	STP sludge is used by the farmers as manure.	MC/NP	Regular activity
32.	Framing policy for the management of highly contaminated Faecal 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	Policy will be framed by 30.04.2022. Implementation = 30.04.2025
33.	Reuse of treated effluent through existing STPs (OA no. 496/2016 dated 22.01.2021)	Treated effluent of Dasuya, Sham Churasi & BBMB Talwara is being utilized for irrigation. Action Plan for rest of the STPs is being prepared and will be implemented.	Department of Soil conservation & ULBs / PWSSB	31.12.2022
34.	Reuse of treated effluent through proposed STPs (New STPs) (OA no. 496/2016 dated 22.01.2021)	As and when new STPs are installed and made operational, treated waste water will be re-used for irrigation purpose	Department of Soil conservation , ULBs /PWSSB	<ul style="list-style-type: none"> • Mahilpur - 31.12.2023 • Garhshankar - 31.12.2023 • Hariana - 31.12.2023 • Garhdiwala - 30.09.2023 • Talwara - 31.12.2023
35.	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.	6 no. STP have already been installed and made operational. Installation of OCEMS and CCTV camera with the said STPs is under consideration.	MC / NP, BBMB Talwara & PWSSB	31.12.2021
36.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated sewage.	Proposal Yet to prepare	MCs/NPs	31.12.2022

5.0 Industrial wastewater management

a. Current Status related to Industrial Wastewater Management

Number of Red, Orange, Green and White industries in the District	Red Category unit = 140, Orange Category unit = 385 Green Category unit = 147
No of Industries discharging wastewater	63
Total Quantity of industrialwastewater generated	36.49 MLD
Quantity of treated industrialwastewater discharged into Nalas / Rivers	Nil
Common Effluent Treatment Facilities	Installed =0 Under installation= 0
No of Industries meeting Standards	Regular activity, as industries are being monitored as per protocol prescribed by CPCB / PPCB
No of Industries not meeting discharge Standards	Regular activity, as industries are being monitored as per protocol prescribed by CPCB / PPCB

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

S. No.	Action points	Gaps and ActionPlan	Responsible agency	Timeline for completion of actionplan
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 portal already developed. Web link: publicgrievancepcb.gov.in	PPCB	Activity complied
3.	Installation of Electromagnetic flow meters at inlet and outlet of ETP.	The water polluting industrial units have already installed the EMF meters. However, inspections will be made to check its functioning and records being maintained by the said industries.	PPCB	30.04.2022
4.	Inspection of units to check compliance	Industrial units are being inspected as per the protocol prescribed by the Board.	PPCB	Regular activity

6.0 Mining Activity Management plan

a. Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	River Bed/ Agriculture land
No of licenced Mining operations in the District	09
% Area covered under mining in the District	0.000135%
Area of Sand Mining	21.27 Ha
Area of sand Mining	21.27 Ha

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	Regular/surprise Checking of Mining Activity done by Department Official	Department of water resources	Regular activity
2.	Inventory of illegal mining if any mining	-	Department of water resources	Regular activity
3.	Environment compliance by Mining industry	Mining Operation done as per Environment Clearance	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 sand mining sites done prior to its operation	Drainage Department	Regular Activity
5.	Mining in all blocks is undertaken as per provisions of EIA Notification, 2006; MOEF Notification dated 15.1.2016 and the Sustainable Sand Mining	Provisions are being followed	Drainage Department	Regular activity

	Management Guidelines, 2016. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)			
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)	Provisions are being followed	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)	Provisions are being followed	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)	N.G.T orders are being followed	Drainage Department	Regular activity
9.	Status of a detailed restoration plan for the concerned river	-	Drainage Department	Regular Activity

	and its river beds. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)			
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)	Letter written to contractor by this Division to install CCTV Cameras.	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 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)	-	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)	-	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	-	Drainage Department	Tender has been done, time of completion 31.10.2023.

	no. 360/2015 dated 26.02.2021)			
15.	Necessary steps to be taken by District Administration for the effective monitoring mechanisms for preventive and remedial measures including surveillance system for recovery of compensation.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	-	Drainage Department	Regular activity
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)	Under Process at Head Office Level.	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 Department	Regular Activity
18.	Storage Go downs should be at least 5 kms away from the	Provisions are being followed	Drainage Department	Regular Activity

	<p>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)</p>			
19.	<p>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 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)</p>	<p>Provisions are being followed and Provision regarding electronics surveillance is pending at head office level.</p>	Drainage Department	Completed
20.	<p>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</p>	-	Drainage Department	Regular Activity

	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)			
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 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 dated 26.02.2021)	Provisions will be followed	Drainage Department	31.12.2021
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)	-	Drainage Department	Regular Activity
23.	Annual reports on	-	Drainage Department	30.04.2022

<p>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 the States/UTs on or before 30.04.2022.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)</p>			
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7.0 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 indistrict	Nos. of analyzers available =01

b. Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Availability of Sound/Noise Level Meters.	Required – 16 Available – 1 Gap -15	PPCB & Police Department	31.12.2022
2.	Ambient Noise Level monitoring.	Yet to install	PPCB	30.06.2022
3.	Signboards in Noise zones	150 Sign boards 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 re-dressal system already established in the district. Web link: publicgrievancepcb.gov.in	PPCB, Police Deptt. & District Administration	Activity completed
5.	Checking of pressure horn of vehicles	Regular checking of vehicle is being done by the police department and PPCB.	Police Department & PPCB	Regular activity.

List of Nodal Officers (Annexure-1)

List of the Nodal Officers of the stakeholder Departments

Sr no.	Name of the Department	Nodel Officer Name	Designation	Mobile no.	Email Id
1.	Municipal Corporation, Hoshiarpur	Smt. Aashika Jain, IAS	Commissioner Municipal Corporation, Hoshiarpur	94683-04080	commissionerhspl@gmail.com
2.	The Additional Commissioner (Urban Development), Hoshiarpur	Sh. D.S Randhawa	ADC	98729-63056	adcuhspl@gmail.com
3.	Punjab Pollution Control Board	Sh. Shiv Kumar	Environmental Engineer, RO Hoshiarpur	98789-50539	eeppcbhoshiarpur@gmail.com
4.	Regional Transport Authority, Hoshiarpur	Sh. Pardeep Singh Dhillon	RTA	88534-00000	dttohoshiarpur07@gmail.com
5.	Police Deptt.	Sh. Gurpreet Singh Tanda,	DSP (HQ- Hoshiarpur	99143-83838	ssphpr@yahoo.com
6.	Distt. Development and Panchayat Officer, Hoshiarpur (DDPO)	Sarabjit Singh Bains	DDPO	98154-73511	hsp.ddpo@gmail.com
7.	District Soil Conservation Officer, Department of Soil & Water Conservation, Hoshiarpur	Sh. Naresh	DSCO	98556-10345	dsc0.dswc.hoshiarpur@punjab.gov.in
8.	Superintending Engineer, Punjab Water Supply & Sewerage Board, Hoshiarpur	Sh. Ashish Rai	XEN	98159-85242	eeh.pwssb@punjab.gov.in
9.	PWD (B&R), Hoshiarpur	Sh. Inderjit Singh	Executive Engineer	94170-25026	eepdhsrpurpsdps@gmail.com
10.	Department of Water Resources & Drainage, Hoshiarpur	Sh. Sartaj Singh Randhawa	XEN, Mining	94179-00074	xendrainagehsp@gmail.com

11.	Agriculture Department, Hoshiarpur	Sh. Vinay Kumar	Chief Agriculture Officer	97811-26253	cao.hoshiarpur@yahoo.com
12.	Forest Department, Hoshiarpur	Sh. Amneet Singh	Deputy Forest Officer	98716-54189	dfohsp@gmail.com
13.	PSIEC, Hoshiarpur	Sh. Kamaljit Singh,	SDO	98142-56816	xen.ivpsiec2019@gmail.com
14.	District Food & Civil Supply Officer, DFSC, Hoshiarpur	Sh. Rajnish Kaur	DFSC Officer,	98782-28830	dfschsp3@gmail.com
15.	Education Department	Sh. Sukhwinder Singh	DEO(Sr.)	94170-41847	deo_se_hsp@yahoo.co.in
16.	Health Department	Dr. Parminder Kaur	CMO	98556-87786	nhmhsp3@yahoo.in
17.	Animal Husbandry,	Dr. Harjit Singh	Deputy Director	98158-06441	ddahhsp@gmail.com
18.	Labour Department Ldh	Sh. Jagdeep Singh	Deputy Director of Factories, Hoshiarpur	96468-71808	adf.labhsr@punjab.gov.in
19.	Director of Factories Hoshiarpur	Sh. Jagdeep Singh	Deputy Director of Factories, Hoshiarpur	96468-71808	adf.labhsr@punjab.gov.in
20.	BBMB Talwara	Sh. Satnam Singh	Executive Engineer	94172-02086	xentowntlw@bbmb.nic.in