



ਦਫ਼ਤਰ ਵਧੀਕ ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ (ਸ਼ਹਿਰੀ ਵਿਕਾਸ), ਸ੍ਰੀ ਮੁਕਤਸਰ ਸਾਹਿਬ।

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ਸੇਵਾ ਵਿਖੇ,


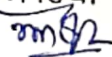
ਸਕੱਤਰ,  
ਵਿਗਿਆਨ, ਤਕਨੀਕ ਅਤੇ ਵਾਤਾਵਰਣ ਵਿਭਾਗ,  
ਚੰਡੀਗੜ੍ਹ।

ਵਿਸ਼ਾ: Regarding monitoring/implementation of DISTRICT ENVIRONMENT  
PLAN.

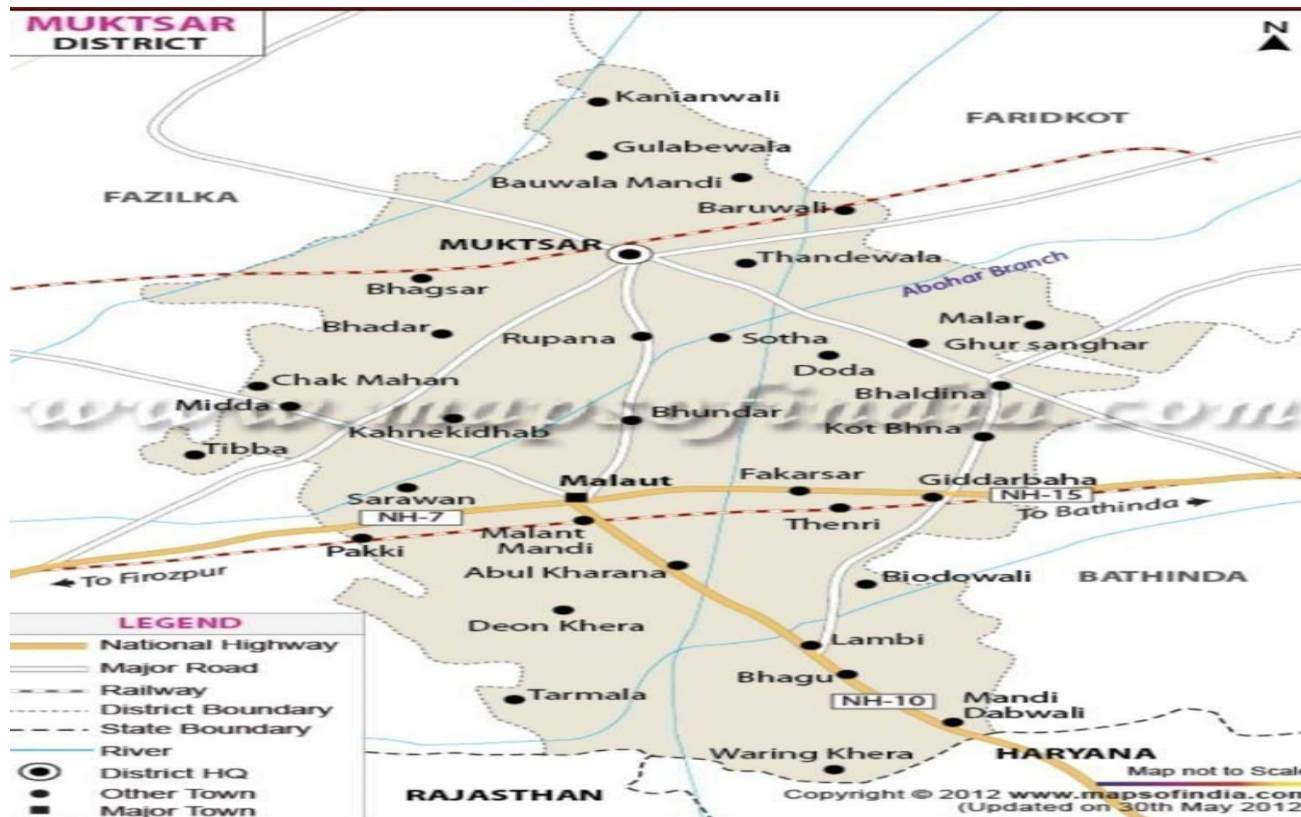
ਹਵਾਲਾ: ਆਪ ਜੀ ਦਾ ਪੱਤਰ ਨੰ:SSTE/2022/1745 ਮਿਤੀ 11-07-2022 ਅਤੇ  
ਨੰ:SSTE/2022/2314 ਮਿਤੀ 16-08-2022 ਦੇ ਸਬੰਧ ਵਿੱਚ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਹਵਾਲੇ ਅਧੀਨ ਪੱਤਰ ਰਾਹੀਂ ਆਪ ਜੀ ਵੱਲੋਂ ਜ਼ਿਲ੍ਹਾ ਵਾਤਾਵਰਣ  
ਪਲਾਨ ਨੂੰ ਅਪਡੇਟ ਕਰਨ ਲਈ ਹਦਾਇਤ ਕੀਤੀ ਗਈ ਸੀ। ਇਸ ਸਬੰਧ ਵਿੱਚ ਜ਼ਿਲ੍ਹਾ ਵਾਤਾਵਰਣ ਪਲਾਨ, ਸ੍ਰੀ  
ਮੁਕਤਸਰ ਸਾਹਿਬ (ਨਾਲ ਨੱਥੀ) ਅਪਡੇਟ ਕਰਕੇ ਆਪ ਜੀ ਨੂੰ ਲੋੜੀਂਦੀ ਸੂਚਨਾ ਅਤੇ ਅਗਲੇਰੀ ਯੋਗ ਕਾਰਵਾਈ  
ਹਿੱਤ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ।

ਨੱਥੀ: ਉਕਤ ਅਨੁਸਾਰ

  
ਵਧੀਕ ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ (ਸ਼ਹਿਰੀ ਵਿਕਾਸ),  
ਸ੍ਰੀ ਮੁਕਤਸਰ ਸਾਹਿਬ।  


# District Environment Plan- Sri Muktsar Sahib "DEP JULY, 2022"



## District Administration – Sri Muktsar Sahib



## Table of Contents

1. DISTRICT PROFILE .....	4
(i) District Administrative Set-up .....	6
(ii) Local Institutions .....	7
(iii) Natural Resources.....	7
☐ Water bodies .....	7
☐ Availability of water resources.....	9
☐ Forest coverage .....	9
(iv) Geography & Demography .....	10
(v) Land-use pattern.....	10
(vi) Climate .....	11
2. WASTE MANAGEMENT PLAN .....	13
(i) Solid Waste Management .....	13
(a) Current status related to Solid Waste management.....	13
(b) Identification of Gaps and Action plan .....	14
(ii) Plastic Waste Management .....	25
(a) Current status related to Plastic Waste management .....	25
(b) Identification of Gaps and Action plan .....	25
(iii) C&D Waste Management .....	32
(a) Current status related to C&D Waste.....	32
(b) Identification of Gaps and Action plan .....	32
(iv) Bio-medical Waste Management .....	34
(a) Current status related to Bio-medical Waste .....	34

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(b)	Identification of Gaps and Action plan .....	34
(v)	Hazardous Waste Management .....	36
(a)	Current Status related to Hazardous Waste Management .....	36
(b)	Identification of Gaps and Action plan .....	36
(vi)	e-Waste Management.....	38
(a)	Current Status related to e-Waste Management.....	38
(b)	Identification of Gaps and Action plan .....	38
3.	AIR QUALITY MANAGEMENT .....	42
(a)	Current Status related to Air Quality Management .....	42
(b)	Identification of Gaps and Action plan .....	42
4.	WATER QUALITY MANAGEMENT .....	45
(a)	Water Quality Monitoring .....	45
☒	Current Status related to Water Quality Management.....	45
☒	Identification of Gaps and Action plan for Water Quality monitoring .....	46
(b)	Domestic Sewage .....	46
☒	Identification of Gaps and Action plan for treatment of Domestic Sewage .....	46
☒	Identification of Gaps and Action plan for treatment of Domestic Sewage: .....	47
5.	INDUSTRIAL WASTE WATER MANAGEMENT.....	59
(a)	Current status related to Industrial Waste Water Management.....	59
(b)	Identification of Gaps and Action plan for Industrial Wastewater.....	59
6.	MINING ACTIVITY MANAGEMENT PLAN .....	61
(a)	Current status related to Mining Activity Management .....	61
7.	NOISE POLLUTION MANAGEMENT PLAN .....	62
(a)	Current status related to Noise Pollution Management .....	62
(b)	Identification of Gaps and Action plan .....	62

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## 1. DISTRICT PROFILE

Sri Muktsar Sahib District is located in South Western Zone of Punjab. It lies between 30° 69 and 29° 87 latitudes, and 74° 21 and 74° 86 longitudes. It is bounded by the States of Rajasthan and Haryana in the South, district Faridkot in North, Firozpur in West and Bathinda in the East. It covers an area of 2632 sq km, which constitutes 5.19 % area of Punjab. The Western Himalayas in the North, and the Thar Desert in the South and Southwest mainly determine the climate conditions. The Southwestern monsoon brings the much-needed, rain-bearing depression during summer (July to September). Nearly 70 % of rainfall is received in the three months (July to September), when Southwestern monsoon depressions are active in the region. There is wide seasonal temperature variation with Mean Monthly Maximum Temperature being as high as 45 degree Celsius in June, and Mean Monthly Minimum Temperature as low as 2 degree Celsius in January. The major parts of the district qualify for aridic (torric) moisture regime according to the criteria laid in soil taxonomy. Sri Muktsar Sahib has a total population of 9,01,896. The percentage of rural population to the total population is 72%. Sri Muktsar Sahib has population density of 348 persons per sq. km compared to 551 persons per sq km of Punjab, which is the lowest in the State. There are 896 women for every 1000 men in the district. The Scheduled Castes form 42.31% of the total population in this district.

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Sri Muktsar Sahib has 4 blocks i.e. Muktsar, Malout, Gidderbaha (Kot Bhai) and Lambi, the details of which are given as under:

(a) Muktsar Block:

This Block consists of 88 villages and 2 towns namely Muktsar and Bariwala. As per the 2011 census, the total population of the block is 3,14,147. The rural population of the block is 1,88,732 out of which, there are 99,514 males and 89,218 females. The block has total area of 870.44 km<sup>2</sup>, out of which the rural area comprises 832.64 km<sup>2</sup>.

(b) Malout Block:

Malout block comprises 52 villages, and 1 city, namely Malout. The total population of the block is 2,20,391 as per the 2011 census. The rural population is 1,38,985, out of which 73,132 are males and 65,853 are females. The block has a total area of 573.31 km<sup>2</sup>, out of which the rural area comprises 560.31 km<sup>2</sup>.

(c) Gidderbaha (Kot Bhai) Block:

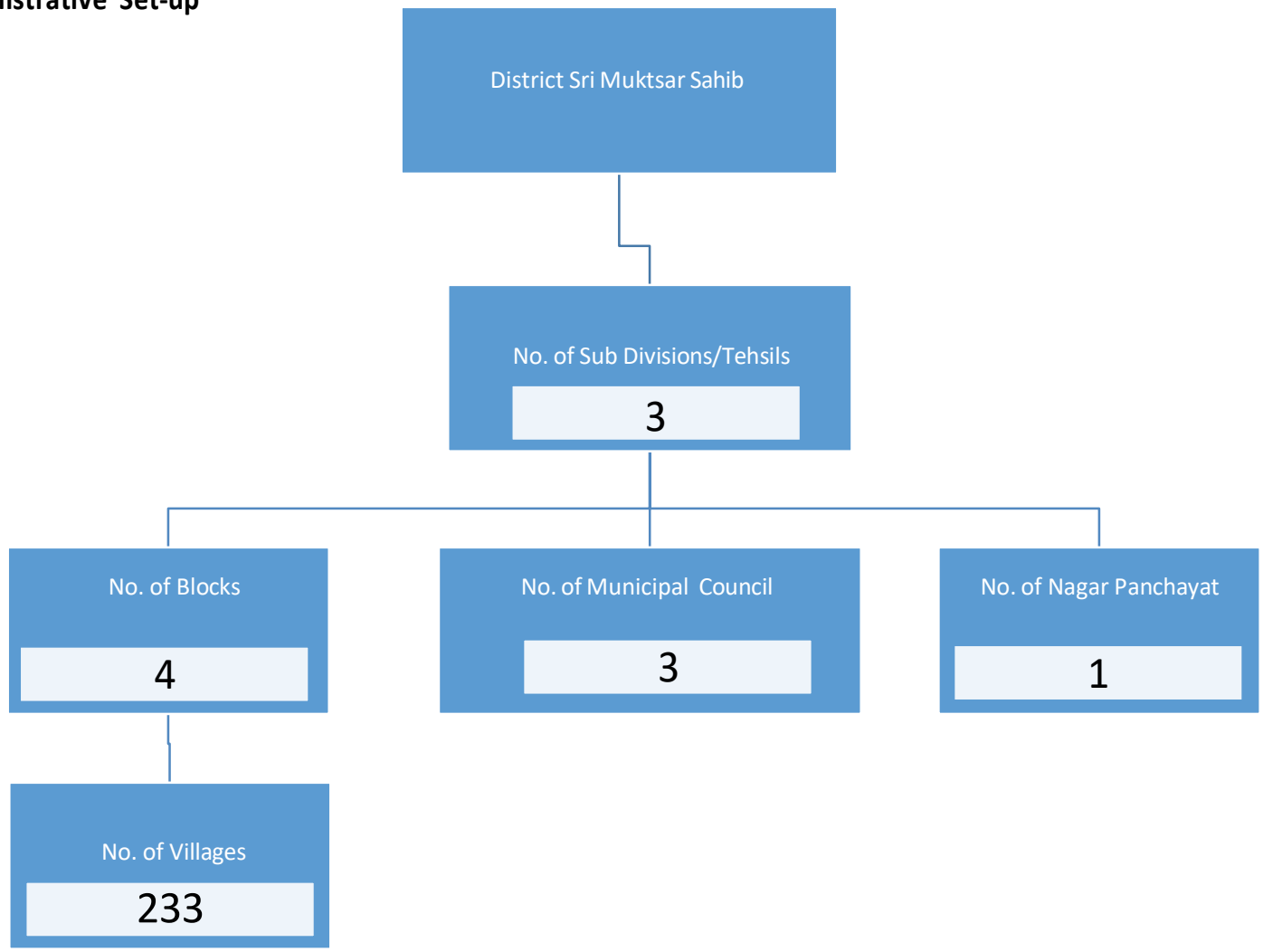
This block consists of 44 villages and 1 town, i.e, Gidderbaha. As per the 2011 census, the total population of the block is 2,17,786. The rural population of the block is 1,72,416, out of which there are 90,828 males and 81,588 females. The block has a total area of 627.19 km<sup>2</sup>, out of which the rural area comprises 615.27 km<sup>2</sup>.

(d) Lambi Block:

This block consists of 49 villages. As per the 2011 census, the total population of the block is 1,49,572, out of which there are 78,728 males and 70,844 females. The block has a total area of 595 km<sup>2</sup>.

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**(i) District Administrative Set-up**



**(ii) Local institutions**

In District Sri Muktsar Sahib, there are total 3 Sub-Divisions/Tehsils. There are 4 Blocks, 3 Municipal Council and 1 Nagar Panchayat. A total of 233 villages make the district.

**(iii) Natural Resources**

- Water bodies

No river flows through Sri Muktsar Sahib District. The drains, meeting with river Satluj in Distt. Fazilka, are non-perennial and carry surface run-off from fields filling their catchment area during the rainy season. However, sewage / sludge of some of the cities, towns and village, situated along the drains, are also discharged into Satluj indirectly through the drains.

The major drains passing through Distt. Sri Muktsar Sahib, and flowing into Satluj are as under:-

**Malout Drain**

The sewerage waste of Malout City is disposed into this drain after treatment through STP near village Danewala. Another point of disposal of sewerage waste of Malout city, after treatment through another STP, is at Vill. Burj Sidhwan. The Malout drain goes on to flow into Satluj.

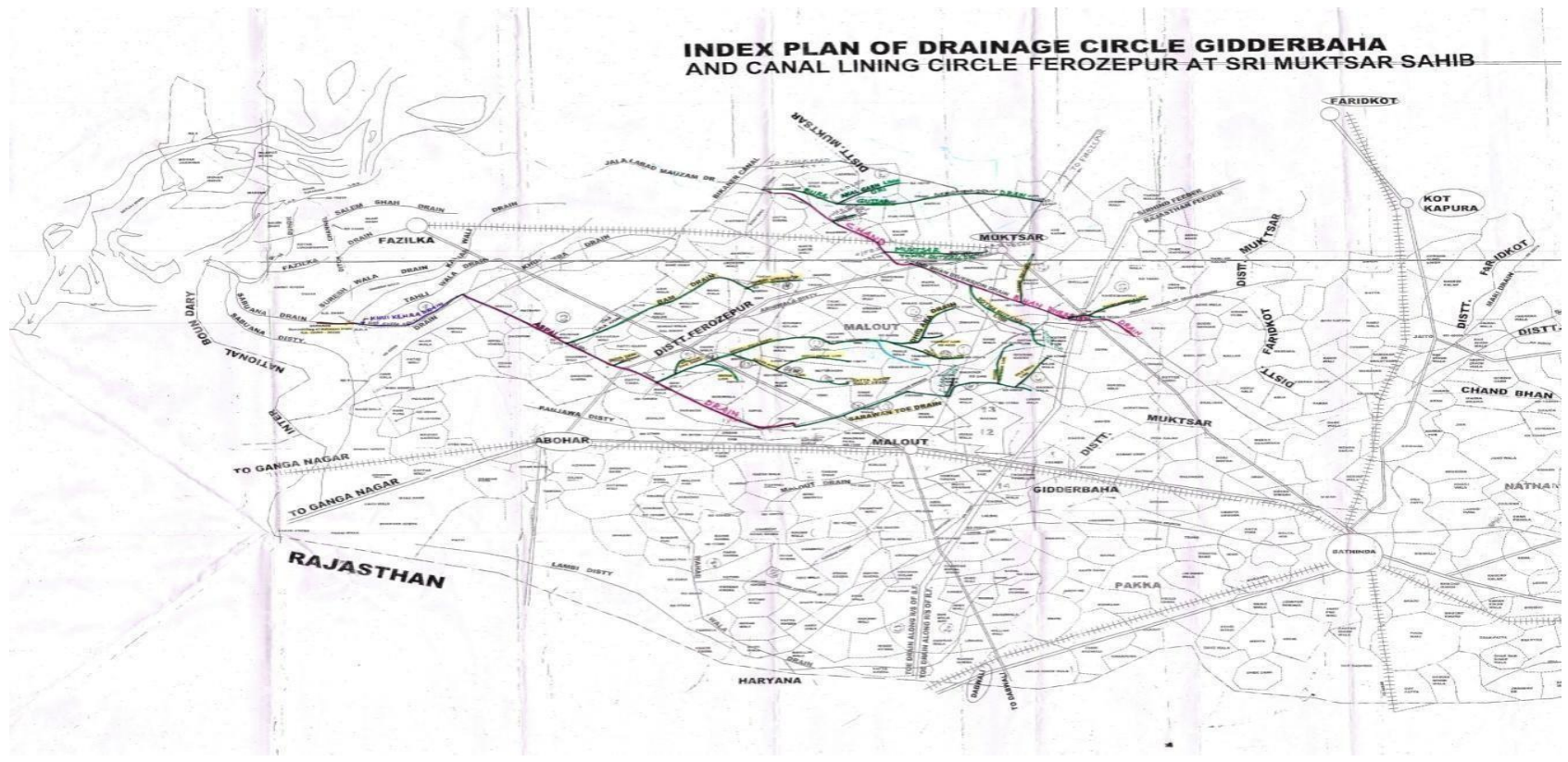
**Kothe Surgpuri Babania Link Drain**

The sewerage waste of Gidderbaha City is disposed into this drain after treatment through STP near village Babania.

The map showing the various drains of District Sri Muktsar Sahib is as under:

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### **Kuraiwala-Enna Khera-Malout Link Drain**

The sewerage waste of Malout City is disposed into this drain after treatment through STP near village Bhagwanapura.

### **Muktsar Town Outfall Drain**

The sewerage waste of Sri Muktsar Sahib City is disposed into this drain after treatment through STP near village Katcha Bhagsar Road.

- Availability of water resources

The major source is surface water as well as ground water. As per the CGWA/ PWRDA report, the ground water development in 4 blocks of the district has been categorized as 'green zone'.

- Forest coverage

The detail of Forest area of District Sri Muktsar Sahib is as under:-

Sr. no.	Category of area	Ownership	Area in Ha
1.	Reserve Forests	Govt., of Punjab	0.00
2.	Protected Forest	Govt., of Punjab	4199.62
3.	Protected Forest	GOI (PF)	0.00
4.	Un-classed Forest	Govt., of Punjab	0.00
<b>Total Block Forest</b>			0.00
<b>Strips Forest (Protected Forest)</b>			
5.	Road Strips (P.F)	Govt., of Punjab	940.8
6.	Railway Strips (P.F)	Govt., of Punjab	258.0
7.	Canal Strips (P.F.)	Govt. of Punjab	1506.12
8.	Drain Strips(P.F)	Govt. of Punjab	1494.6
9.	DHussi Bands (P.F.)	Govt. of Punjab	0.00
<b>Total Strips Forest (Protected Forest)</b>			<b>4199.62</b>
<b>Total Forest Area</b>			<b>4199.62</b>

**(iv) Geography & Demography**

Sr.No.	Title	District Sri Muktsar Sahib	Punjab State
1.	Area (Sq Km)	2632	50,362
2.	Population (in Lakh)	9.01 lakhs	277.04
3.	Rural Population (in Lakh)	6.49 lakhs	173.2
4.	Urban Population (In Lakh)	2.52	103.84
5.	% Increase in Population (2001-2011) (Decennial Growth rate)	16	13.55
6.	Density of Population (per Sq km)	348	550
7.	Literacy %	65.81	76.7
8.	Sex Ratio (Females per thousand)	896	893

The total area of District Sri Muktsar Sahib is 2632 km<sup>2</sup>, having a population 9.01 lakhs. The rural population of District Sri Muktsar Sahib is 6.49 lakh, and urban population of the district is 2.52 Lakh. The literacy rate is 65.81%.

**(v) Land-use pattern**

Sr. No.	Title	Data of District Sri Muktsar Sahib
1.	Total Geographical Area (in Sq km)	2632
2.	Area under Forest (in Ha)	4199.62
3.	Net Area Sown (In Ha)	228430
4.	Gross Cropped Area (in Ha)	228430
5.	Total Area irrigated (in Ha)	225000
6.	% of Net Area irrigated to Total area sown	98%

The Total Geographical Area of District Sri Muktsar Sahib is 2632 KM<sup>2</sup>. The Total Irrigated Area is 2,25,000 hectares. The Gross

Cropped Area is 2,28,430 hectares. The Total Reserved Forest Area is 4199.62hectare.

**(vi) Climate**

Climatically, the Western Himalayas in the North, and the Thar Desert in the South and South-west mainly influence the climatic conditions. Since the city lies far away from the Sivalik Hills, and any of the major rivers, it experiences an extreme climate situation. Summers are extremely hot, and winters very cold. The city experiences four distinct seasons - Spring (February - March), Summer (April - August), Fall/Autumn (September - October) and Winter (November - January), along with the monsoon season setting in towards the later half of the summer. Summers, from early April to mid-October, are typically very hot and humid, with an average daily June high temperature of 104°F (40 °C). The season experiences heat indices in excess of 110 °F (43 °C). Winters are very cold, and foggy, with few sunny days, having a December daytime average of 37.4 °F (3 °C). The Western Disturbances brings some rain in winters that further adds to the chill. Spring and autumn are mild and pleasant seasons with low humidity. The monsoon season usually starts in the first week of July and continues till August. Thunderstorms are not uncommon during the Monsoon. The mean annual rainfall fluctuates around 425 mm. About 71 per cent of the annual rainfall in the city is received during the monsoon season.

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# **ACTION PLAN**

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## 2. WASTE MANAGEMENT PLAN

### (i) Solid Waste Management

(e) Current status related to solid Waste management

Sr No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated (MT per day)
1.	Municipal Council, Sri Muktsar Sahib	31	22934	1,16,747	26
2.	Municipal Council, Malout	27	16113	81,403	24
3.	Municipal Council, Gidderbaha	19	4509	45,317	10
4.	Nagar Panchayat, Bariwala	11	1743	8669	3
	<b>Total</b>	88	45299	2,52,136	63

Sr No.	Local Bodies	No of Village Gram Panchayats /Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Village Gram Panchayats	269	124124	6,49,705	162

(f) Identification of Gaps and Action plan:

Sr. No.	Action points For villages/ blocks/ municipalities/ corporations	town City	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>					
I.	Municipal Council, Sri Muktsar Sahib		Achievement- 95% Gap- 5%	Door to door awareness regarding source segregation and home composting is being done	EO, Sri Muktsar Sahib	Activity Completed
II.	Municipal Council, Malout		Achievement 100% Gap- 0%	Door to door awareness regarding source segregation and home composting is being done	EO, Malout	Activity Completed
III.	Municipal Council, Gidderbaha		Achievement - 100% Gap- 0%	Door to door awareness regarding source segregation and home composting is being done	EO, Gidderbaha	Activity Completed
IV.	Nagar Panchyat, Bariwala		Achievement - 100% Gap- 0%	Door to door awareness regarding source segregation and home composting is being Done	EO, Bariwala	Activity Completed
V.	Villages Panchayat (269)		Achievement - 5% Gap - 95%	Segregation not being done in most villages, and Action plan is yet to be prepared	DDPO	31.03.2026 By 31.03.2022 = 51 Village By 31-03-2023 = 51 Village By 31-03-2024 = 51 Village By 31-03-2025 = 51 Village By 31-03-2026 = 29 Village
<b>2.</b>	<b>Sweeping</b>					
	<b>Manual Sweeping</b>					
I.	Municipal Council, Sri Muktsar Sahib		Achievement- 100% Gap- 0%	NA	EO, Sri Muktsar Sahib	Activity Completed

II.	Municipal Council, Malout	Achievement- 100% Gap – 0%	NA	EO, Malout	Activity Completed
III.	Municipal Council, Gidderbaha	Achievement- 100% Gap – 0%	NA	EO, Gidderbaha	Activity Completed
IV.	Nagar Panchayat, Bariwala	Achievement- 100% Gap – 0%	NA	EO, Bariwala	Activity Completed
V.	Villages Panchayat (269)	Achievement - 8% Gap - 92%	More manpower is required to complete the target.	DDPO	31-03-2024 By 31-03-2022 = 82 Village By 31-03-2023 = 82 Village By 31-03-2024 = 69 Village
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	All ULBs = 100% collection  • Arrangements are to be provided in Gram Panchayats (269) = Not adequate Achievement -4 % Gap-96%	At present door to door collection is being done, and ULBs have provided compartmentalized tricycles, e- rikshaws and mini collection trucks along with transport trolleys.	MC's& DDPO	(i) Door to Door Survey completed:- 30/09/2021 (ii) Procurement of machinery to strengthen the Door to Door Collection and Source Segregation -30/09/2021 (iii) Deployment of machinery for Door to Door Collection- 30/09/2021 (iv) Capacity-building of Informal Sector and integration of Informal Sector -30/09/2021.  For villages, plan yet to be prepared. Plan preparation by 31.03.2022 51 villages by 31-03-2023 51 villages by 31-03-2024 51 villages by 31-03-2025 51 villages by 31-03-2026 29 villages by 31-03-2027



(ii)	Arrangement for door to door collection	<ul style="list-style-type: none"> <li>• Arrangement for collection Municipal Council = 100 %</li> <li>• Arrangement for Village Gram Panchayat's (269) = Not adequate</li> </ul>		MCs & DDPO	<p>Already done</p> <p>For villages, plan yet to be prepared.</p> <p>Plan preparation by 31.03.2022</p> <p>51 villages by 31-03-2023</p> <p>51 villages by 31-03-2024</p> <p>51 villages by 31-03-2025</p> <p>51 villages by 31-03-2026</p> <p>29 villages by 31-03-2027</p>
(iii)	Waste Collection trolleys with separate Compartments	<p>M.C. Sri Muktsar Sahib: Required = 6 Available = 4 Gap = 2</p> <p>M.C. Malout: Required = 7 Available = 6 Gap = 1</p> <p>M.C. Gidderbaha: Required = 4 Available = 2 Gap = 2</p> <p>N.P. Bariwala: Required = 2 Available = 1 Gap = 1</p> <p>Village Gram Panchayats (269) Required = 269 Available = 102 Gap = 167</p>	<p><b>Village Gram Panchayats (269) =</b></p> <ul style="list-style-type: none"> <li>• Total Solid Waste Collection trolleys/rickshaws required =635</li> <li>• Available = Nil</li> </ul>	ULBs	<p>31.12.2022</p> <p>31.12.2022</p> <p>31.12.2022</p> <p>31.12.2022</p> <p>31-03-2026</p> <p>By 31-03-2022 = 127 vehicles</p> <p>By 31-03-2023 = 127 vehicles</p> <p>By 31-03-2024 = 127 vehicles</p> <p>By 31-03-2025 = 127 vehicles</p> <p>By 31-03-2026 = 127 vehicles</p>

(iv)	Mini Collection Trucks with separate compartments	<p>M.C. Sri Muktsar Sahib : Required = 5 Available = 3 Gap = 2</p> <p>M.C. Malout : Required = 3 Available = 3 Gap = 0</p> <p>M.C. Gidderbaha : Required = 3 Available = 0 Gap = 3</p> <p>N.P. Bariwala : Required = 0 Available = 0 Gap = 0</p> <ul style="list-style-type: none"> <li>Village Gram Panchayats (269) Required = 20 Available = 0 Gap = 20</li> </ul>	Village Gram Panchayats (269) = Transport and waste transfer points are being arranged.	ULBs	<p>31.12.2022</p> <p>Already completed</p> <p>31.12.2022</p> <p>--</p> <p>For villages, plan yet to be prepared. Plan preparation by 31.03.2022 20 village by 31-03-2023</p>
(v)	<b>Waste Deposition Centers (WDC) (for domestic hazardous wastes)</b>				
I.	Municipal Council, Sri Muktsar Sahib	Required = 3 Installed = 3 Gap = 0	MC has installed bins for domestic hazardous waste at all MRF centers.	EO, Sri Muktsar Sahib	Activity completed
II.	Municipal Council, Malout	Required = 1 Installed = 1 Gap = 0	MC has installed bins for domestic hazardous waste at all MRF centers.	EO, Malout	Activity completed
III.	Municipal Council, Gidderbaha	Required = 2 Installed = 1 Gap = 1	MC has planning to install bins for domestic hazardous waste at all MRF centers.	EO, Gidderbaha	30.06.2022

	Nagar Panchayat, Bariwala	Required = 1 Installed = 1 Gap = 0	MC has planning to install bins for domestic hazardous waste at all MRF center.	EO, Bariwala	Activity completed
IV.					
V.	Villages Gram Panchayats (269)	Required = 269 Installed = 0 Gap = 269	Action plan yet to be prepared	DDPO	31.03.2022 for preparation of action plan For implementation -01.04.2022 onwards 77 WDC by 31-03-2023 77 WDC by 31-03-2024 77 WDC by 31-03-2025 77 WDC by 31-03-2026 77 WDC by 31-03-2027
<b>4</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure	i. Detail of existing fleet is as stated below. ii. Segregated waste transport possible in all ULBs.	--	ULB's	NA
(ii)	Bulk Waste Trucks	M.C. Sri Muksar Sahib : Required = 0 Available = 0 Gap = 0 M.C., Malout : Required = 0 Available = 0 Gap = 0 M.C.,Gidderbaha : Required = 0 Available = 0 Gap = 0 N.P., Bariwala : Required = 0 Available = 0 Gap = 0	---	ULB's	NA  NA  NA  NA
(iii)	Waste Transfer points	Available & Adequate in all ULBs		ULB's	Already Completed

<b>5</b>	<b>Waste Treatment and Disposal</b>				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules).	<u>M.C., Sri Muktsar Sahib :</u> No. of registered Bulk Waste generated = 10 <u>M.C., Malout :</u> No. of registered Bulk Waste generated = 10 <u>M.C., Gidderbaha :</u> No. of registered Bulk Waste generated = 03 <u>N.P., Bariwala :</u> No. of registered Bulk Waste generated = 00	Bulk waste generators are directed to ensure compliance.	ULBs	Activity Completed
(ii)	<b>Wet-Waste Management: Facilities for central Bio-methanation/ Composting of Wet Waste.</b>				
I.	Municipal Council, Sri Muktsar Sahib	Required = 120 Installed = 100 Gap = 20	--	EO, Sri Muktsar Sahib	31.08.2022
II.	Municipal Council, Malout	Required = 90 Installed = 90 Gap = 0	--	EO, Malout	Activity Completed
III.	Municipal Council, Gidderbaha	Required = 62 Installed = 38 Gap = 24	--	EO, Gidderbaha	31.08.2022
IV.	Nagar Panchayat, Bariwala	Required = 13 Installed = 13 Gap = 0	--	EO, Bariwala	Activity Completed
V.	Villages Panchayat (269)	Not adequate	Plan yet to be prepared.	DDPO	31.03.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	MC, Sri Muktsar Sahib Required = 3 Provided = 3 Gap = 0		ULBs	Activity completed.

		MC, Malout Required = 3 Provided = 1 Gap = 2	---	ULBs	31.12.2022
		Municipal Council, Gidderbaha Required = 2 Provided = 1 Gap = 1	---	ULBs	31.12.2022
		Nagar Panchayat, Bariwala Required = 1 Provided = 1 Gap = 0	Not Required.	ULBs	Activity completed.
		Villages Panchayat (269)	Plan yet to be prepared	DDPO	31.03.2022 for preparation of action plan For implementation of 01.04.2022 onward 51 village by 31-03-2023 51 village by 31-03-2024 51 village by 31-03-2025 51 village by 31-03-2026 29 village by 31-03-2027
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	4 SLF one in each ULBs = Yet to Establish.	One sanitary landfill site needs to be provided in each ULB. Sites have been identified in all 4 ULBs		31.12.2022
		Village Gram Panchyat= Not adequate	Plan yet to be prepared		31.03.2022 for preparation of action plan For implementation of 01.04.2022 onward 51 village by 31-03-2023 51 village by 31-03-2024

					51 village by 31-03-2025 51 village by 31-03-2026 29 village by 31-03-2027
(v)	<b>Remediation of historic / legacy dumpsite</b>				
i.	Municipal Council, Sri Muktsar Sahib	Total legacy waste = 41,000 MT Remediated = 680 MT Left= 40,320 MT	Mechanical separator purchased and remediation started.	EO, Sri Muktsar Sahib	31.12.2022
ii.	Municipal Council, Malout	Total legacy waste = 43,000 MT Remediated = 500 MT Left=42,500 MT	Mechanical separator purchased and remediation started on trail basis.	EO, Malout	31.12.2022
iii.	Nagar Council, Gidderbaha	Total legacy waste = 28,000 MT Remediated= 50 MT Left=27,950MT	Mechanical separator purchased and remediation started on trail basis.	EO, Gidderbaha	31.12.2022
iv.	Nagar Panchayat, Bariwala	Total legacy waste = 6,600 MT Waste Remediated = 10 MT Left= 6590 MT	Mechanical separator purchased but remediation not started yet.	EO, Bariwala	31.12.2022
v.	Villages Panchayat (941)	Not Started Yet	Due to large number of legacy dumpsites, scheme is yet to be prepared accordingly.	DDPO	31.03.2022 for preparation of action plan For implementation of 01.04.2022 onward 51 village by 31-03-2023 51 village by 31-03-2024 51 village by 31-03-2025 51 village by 31-03-2026 29 village by 31-03-2027
vi.	Involvement of NGOs	No	NGOs shall be identified for the purpose.	All MCs and DDPO	Regular Activity

vii.	EPR of Producers: Linkage with Producers / Brand Owners	Linkage with Producers/ Brand Owners	All producer/ brand owners are being directed to submit the action plan for the disposal of its plastic	All MCs	30.06.2022
			waste under extended producer responsibility.		
viii.	Authorization of Waste Pickers	MC, Sri Muktsar Sahib=65 MC, Malout = 60 MC, Gidderbaha = 35 NP, Bariwala = 00	Available	All MCs, DDPO	Regular Activity
ix.	Preparation of own by-laws to comply with SWM Rules, 2016	All MCs prepared.  DDPO (for Village Gram Panchayats 269) yet to be prepared	All MCs Prepared.  DDPO (for Village Gram Panchayats 269) yet to be prepared	All MCs and DDPO	All MCs - Activity Completed  DDPO (for Village Gram Panchayats 269)= 30.06.2022
x.	Removal of garbage vulnerable points (GVPs)	No gap, as activity has been completed.	All the identified (GVPs) have been removed by MCs.	All ULBs	Activity Completed
xi.	Provision of greenbelt and boundary wall around solid waste dumping site.	Boundary wall has been provided in all MCs.  However green belt has not been adequate in any ULB	.	All ULBs	31.12.2021 for greenbelt.
xii.	Providing compartments and GPS tracking in garbage carrying vehicles	All the motorized vehicles have GPS	<b>Not required</b>	All ULBs	<b>Activity completed</b>

xiii.	Action Plan for Treatment of leachate generated from legacy waste dumpsite. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	Treatment of leachate.	Leachate management will be done along with bio-remediation of legacy waste.	All ULBs	Bio-remediation of legacy waste = 30.06.2022 Treatment of leachate waste = 30.06.2022.
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.	All Local Bodies.	Already in place
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)	No CCTV cameras installed at dump site of any ULB.	Installation of CCTVs	All Local bodies	30.06.2022



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)	Installed by MC, Sri Muktsar Sahib and Malout; Yet to be installed in other ULBs.	Installed by MC Sri Muktsar Sahib and Malout; Rest ULBs will install by 31.12.2021	Local bodies	30.06.2022
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 managed at hadda-roris.	Action plan in this matter needs to be prepared and boundary wall, green belt/plantation/hedges etc. are required to be provided as short-term measure to control emissions in the environment.		Preparation of Action plan- 31.03.2022  Implementation -31.10.2024  Short term measures like provision of green belt, boundary wall, plantation and hedges etc. at the carcasses disposal sites shall be provided by 31.08.2022.
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.	ULBs	Regular activity

xix.	Management of waste water and solid waste by unauthorized colonies/residential complex/commercial complex developed by Pvt. Colonizers.	Inadequate management of solid waste and liquid waste in these colonies.		PUDA and MCs	<p><b>MC (Within Municipal Limits)</b></p> <ul style="list-style-type: none"> <li>• Identification by 31.03.2022</li> <li>• Management of solid waste collection &amp; Segregation = 31.03.2023</li> <li>• Provision of STPs = 31.03.2023</li> <li>• MCs shall install individual STPs along the sewerage system for treatment of waste water discharged by unauthorized colonies located within MC limit.</li> <li>• MCs shall make agreement with unauthorized colonies for management of solid waste.</li> </ul> <p><b>PUDA (Outside MC limit)</b></p> <ul style="list-style-type: none"> <li>• Identification by 31.03.2022</li> <li>• Management of solid waste collection &amp; Segregation = 31.03.2023</li> <li>• Provision of STPs = 31.03.2023</li> <li>• PUDA/BDA shall pursue the unauthorized colonies/commercial complex existing outside MC areas to install individual STPs and sewerage system for treatment of waste</li> </ul>
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					water, and for management of solid waste, the necessary agreements shall be made with the concerned MCs.
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	31.03.2022
xxi.	Information Education and Communication (IEC) activities in respect of solid waste.	No gap	IEC activities are already being done by the concerned departments. Promoters and residents are informed when the joint team visits their colonies and they are encouraged to follow the solid and liquid waste management rules.	All ULBs (Municipal Council and Nagar panchayat) of the district & PUDA	Regular Activity
xxii.	Constitution of District Environment Committee in view of the constitution provisions under article 243	No gap	Constituted by the State Government.	State Government	Activity completed

	G, 241 W and 243 ZD read with scheduled 11, 12 & 15 of SWM Rules, 2016.				
xxiii.	Management of carcass in rural area.	Inadequate management of carcass in rural area.	Proper management at village level	DDPO	31.10.2024
xxiv.	Management of Horticulture Waste in MCs.	<u>MC, Sri Muktsar Sahib:</u> No. of Parks = 4 No. of Pits = 10 <u>MC, Malout :</u> No. of Parks = 1 No. of Pits = 1 <u>MC, Gidderbaha :</u> No. of Parks = 3 No. of Pits = 5 <u>NP, Bariwala :</u> No. of Parks = 0 No. of Pits = 0		ULBs	Already completed

**(ii) Plastic waste Management**

(a) Current status related to Plastic waste management

Sr. No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated MT/per day
1.	Municipal Council, Sri Muktsar Sahib	3
2.	Municipal Council, Malout	7
3.	Nagar Council, Gidderbaha	3
4.	Nagar Panchayat, Bariwala	0.12
	<b>Total</b>	<b>13.12</b>

Sr. no.	Local Bodies	Estimated quantity of Plastic Waste Generated (in MTD)
1	Villages Panchayats (269)	32.4

(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 time for Compliance
1.	Door to Door collection of dry waste including PW	ULBs =100% collection.  Villages Panchayat (269) =Not initiated.	At present, door to door collection is being done by MC	ULBs & DDPO	<b>Already completed</b>  <b>DDPO:-</b> 31-03-2022 for preparation of action plan, For implementation of 31-03-2027 51 village by 31-03-2023 51 village by 31-03-2024 51 village by 31-03-2025 51 village by 31-03-2026 29 village by 31-03-2027
2.	Facilitate organized collection of plastic waste at Waste Transfer Point or Material Recovery Facility	<ul style="list-style-type: none"> <li>• ULBs = 100% Collection and MRF facility provided.</li> <li>• Villages panchayats (269)= partial collection.</li> </ul>	<ul style="list-style-type: none"> <li>• Ban imposed on single use plastic as per the guidelines of the Centre and State Government.</li> <li>• NGOs are involved for awareness to avoid plastic use.</li> <li>• Registration is being done for waste pickers.</li> </ul>	ULBs & DDPO	<b>Already done</b>  31-03-2022 for preparation of action plan For implementation of 31-03-2027 51 villages by 31-03-2023 51 villages by 31-03-2024 51 villages by 31-03-2025 51 villages by 31-03-2026 29 villages by 31-03-2027

3.	Plastic Waste Collection Centers	MRF in each ULB and adequate	Provision of proper Plastic Waste Collection Centers.	ULBs	Activity completed.
4.	Awareness and education programs implementation.	No gap	Awareness among public for minimizing and recycling PW is being done on a regular basis.	ULBs	Regular activity. One camp will be organized quarterly.
5.	Plastic Industry Registration. Total no. of plastic unit required registration Total no. of plastic unit obtained registration (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Total no. of plastic unit required registration = 2 Total no. of plastic unit obtained registration = 2	Regular Activity	PPCB	Already completed
6.	Development and setting up of infrastructure for segregation, collection, storage, transportation, processing, and disposal of Plastic Waste either on its own or, by engaging agencies or, producers. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Recyclable plastic waste is collected, transported and stored separately by all ULBs. Currently such plastic is being stored at MRF. Contract for channelization /processing of both recyclable and non-recyclable plastic will be done with Max Specialty Films Pvt. Ltd. by ULBs	Inadequate disposal arrangement of plastic waste	All Local bodies	31.12.2021.

		ULBs will make agreement by 31.12.2021.			
7.	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)	All MCs = already framed  Rural Panchayats (269) = yet to prepared	Yet to frame in rural area	ADC(UD) and DDPO	Already Done  30.06.2022
8.	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)	Inadequate Plastic Waste management in Rural Areas.	Awareness regarding it is being done to the Gram Panchyat for segregation; Collection and transportation will be done with compartmentalized e-rikshaws.	DDPO	31-03-2022 for preparation of action plan For implementation of 31-03-2027 51 villages by 31-03-2023 51 villages by 31-03-2024 51 villages by 31-03-2025 51 villages by 31-03-2026 29 villages by 31-03-2027
9.	Ban on non-recyclable single use polythene bags. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Ban has been already imposed by the State Govt, on sale, purchase, manufacturing and stock of plastic carry bags. The Ministry of Environment, Forests and Climate Change vide its notification dated 12.08.2021 has banned single-use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single-use plastic will	Ban on non-recyclable single-use polythene bags	All local bodies/PPCB	The Ministry of Environment, Forests and Climate Change vide its notification dated 12.08.2021 has banned single-use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single-use plastic will be complied with.

		be complied with.			
10.	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)	<p>Arrangement for plastic waste disposal.</p> <p><b>ULBs:-</b> Recyclable plastic waste is collected, transported and stored separately by all ULBs. Currently such plastic is being stored at MRF. Contract For channelization/ processing have been done with Max Specialty Films Pvt. Ltd. By ULBs ULBs will make agreement by 31.12.2021.</p> <p><b>DDPO:-</b> Awareness regarding it is being done to the Gram Panchayat for segregation, Collection and Transportation will be done with Compartmentalized e-rikshaw and stored in the Extra Pit to be made with Nadep Model.</p>		All Local bodies & DDPO	<p><b>ULBs:-</b> 31.12.2021</p> <p><b>DDPO:-</b> 31-03-2022 for preparation of action plan For implementation of 31-03-2027</p> <p>51 villages by 31-03-2023 51 villages by 31-03-2024 51 villages by 31-03-2025 51 villages by 31-03-2026 29 villages by 31-03-2027</p>



11.	Awareness on 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)	Awareness is being carried out on regular basis. Camp will be organized of quarterly basis	No Gap	Local bodies & DDPO	Regular activity
12.	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 and secondary	Regular activity
13.	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)	Disposal of plastic waste in villages.	Instructions are already been given to Gram Panchayat through BDPOs	DDPO	31-03-2022 for preparation of action plan For implementation of 31-03-2027 51 villages by 31-03-2023 51 villages by 31-03-2024 51 villages by 31-03-2025 51 villages by 31-03-2026 29 villages by 31-03-2027
14.	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. It is being ensured that open burning of plastic waste does not take place. Violators are issued challans.	All local bodies	Regular activity
15.	To ensure proper plastic waste management, industries may be directed to explore possibilities of use of such wastes in construction of roads. Further	Plastic waste use in construction of roads	Instructions will be given to the industries to explore such activities to department of industries who through research	MC, ADC(UD) and PWD	31.12.2022

	industries may also be directed to collaborate with different research institutes to explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)		institutes		
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### (iii) C&D Waste Management

(a) Current status related to C&D Waste

Details of Data Requirement	Present Status
Total C&D waste generation in MT per day (As per data from Municipal Corporations/Municipalities)	0.115MT
Does the District have access to C&D waste recycling facility?	No. One new recycling facility is proposed in each ULB and shall be completed by 30.09.2022

(b) Identification of Gaps and Action Plan:

S. No.	Action points for blocks/ town municipalities /City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&Dwasted position point.	No Gap • ULBs = Separate collection site provided in each ULB and adequate.	Not required	ULBs	Activity Completed
2.	Whether local authorities 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. As per Solid Waste Management Cleanliness and Sanitation Bye- laws dated 11.08.20 Notification no 5/105/2020- 2lg4/139(A) MC Sri Muktsar Sahib fixed user fee on C& D waste which is Rs 500 per ton and will put up the proposal regarding permission system for bulk waste generators in next house meeting for approval.	Not required	ULBs	Activity Completed
3.	C&D recycling facility	Presently there is no C&D	Each MC has proposed to	ULBs	30.09.2022

4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	recycling Facility in the District. No. of recycling facility required = 7 No. of recycling facility provided = 0	install one recycling facility of C&D waste processing plant		
5.	ICE on C&D waste management	No gap	Awareness will be done through media, NGOs & radio on quarterly basis.	MCL	Regular Activity. One camp will be organized quarterly.

#### 4. Biomedical Waste Management

(a) Current status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Health care Facilities	96
Total no. of non-bedded HCF	242
No. of HCFs authorized by SPCBs/PCCs	304
Total No. of veterinary Hospitals/Dispensaries in the District Sri Muktsar Sahib	103
Total No. of veterinary Hospitals/Dispensaries connected with Common Biomedical treatment facility (CBWTF).	4
Total no. of veterinary Hospitals/ Dispensaries obtained the authorization of Punjab pollution Control Board	99
Total No. of veterinary Hospitals/Dispensaries adopted segregation of BMW through separate colour coded collections bins.	103
Total no. of veterinary Hospitals/Dispensaries complying with BMW Rules, 2016 and Maintaining record of Biomedical waste generation and its disposal to CBWTF.	103
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	1
No. of Deep burials for BMW if any	0
Quantity of biomedical waste generated per day	181.7 kg/day

Quantity of biomedical waste treated per day	181.7kg/day
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(b) Identification of Gaps and Action Plan:

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory and Identification of Healthcare Facilities	<ul style="list-style-type: none"> <li>Total HCFs identified (bedded +non-bedded)= 338</li> <li>HCFs authorized by PPCB = 304</li> </ul>	Regular camps are being organized to pursue the HCFs to obtain the authorization.	PPCB	Regular activity
2.	Adequacy of facilities to treat bio-medical waste	No Gap. Adequate CBWTF installed in the District.	Not required	PPCB	Activity completed
3.	Tracking of bio-medical waste	No Gap. Bar code system is implemented by all HCFs and CBWTFs. No gap	Not required	PPCB	Activity completed
4.	Awareness and education of health care staff	No Gap. Training has been organized for all stakeholders from time to time. One camp will be organized in a quarter.	Not required	PPCB and Health Department	Regular activity
5.	Adequacy of funds	No gap	Private HCFs = Funds available Govt. HCFs = Funds being arranged	Civil Surgeon	31.10.2022
6.	Compliance to Rules by HCFs and CBWTFs	No gap. To check compliance regular monitoring is being done.	BMW Rules, 2016 are complied with, except provisions of ETPs-cum-STPs	PPCB, HCFs, CBWTF and civil surgeon	Regular activity
7.	District Level	District-level Monitoring	Meetings are taken on	District	Regular Activity

	Monitoring Committee	Committee has been constituted.	monthly basis District Environment Committee.	Administration and PPCB	
8.	Waste water Treatment	<ul style="list-style-type: none"> <li>Total HCFs Required ETP=96</li> <li>Total HCF install ETPs=2</li> </ul>	HCFs are being pursued to install the ETP. The meetings are being held with the Association members.	PPCB	<ul style="list-style-type: none"> <li>The timelines vide Board order no. 468 dated 31.08.2021 timeline have been given as 31.03.2022.</li> <li>The HCF will submit a Bank Guarantee to the Board as an assurance to submitted analysis results and installation of appropriate and adequate system to archived prescribed standards. In case sample fails to achieve the prescribed standard.</li> </ul>
9.	Disposal of radioactive materials. With the proliferation of radiotherapy, nuclear medicine, X Rays, CT Scans and other equipments using radioactive materials. (Directions of Hon'ble NGT in OA no. 710 of 2017 dated 18.01.2021)	<p>Already Being Complied.</p> <ul style="list-style-type: none"> <li>Most Hospitals now have provided digital X-Ray, hence no such waste is generated from digital X-ray.</li> <li>Hospitals which have not provided the digital X-ray machine have made agreement with authorized agency for the disposal of its waste.</li> </ul>	Already Being Complied.	Health Department	Activity Completed

**(iv) Hazardous Waste Management**

(a) Current status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	10
Quantity of HW in the district (MT/Annum)	3471.74
Quantity of Incinerable HW (MT/Annum)	0
Quantity of land-fill able HW(MT/Annum)	1.82
Quantity of Recyclable/utilizable HW (MT/Annum)	3469.92
Nos. of captive/common TSDF	One common TSD Fat NIMBUA, Dera Bassi.
Contaminated Sites or probable contaminated sites	0
Monitoring of ground water of common TSDF.	No common TSDF falls in District Sri Muktsar Sahib.

(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	<ul style="list-style-type: none"> <li>Total industries identified =10</li> <li>Authorized by the PPCB= 10.</li> </ul>	Already Completed	PPCB	-
2.	Establishment of collection centers	Industries have agreement/linkage with TSDF for disposal of its hazardous waste.	Collection center are being set up for hazardous waste with linkage with TSDF.	ULB's	-
3.	Availability/Linkage with common TSDF for disposal facility	The industries generating HW have access to common TSDF in the	The industries generating HW have access to common TSDF in the State.	PPCB	Activity completed

		State. No. of units identified linked with CTSDf = 6			
4.	Contaminated Sites	No Contaminated Site	No Contaminated Site	Local Bodies, DDPO and PPCB	No Contaminated Site



**(v) e-Waste Management**

(a) Current status related to e-Waste Management

Details of Data Requirement	Present Status
Inventory of e-Waste in MT/year	0.025
Collection centers established by ULBs in the District	0
Collection centers established by producers or, their PROs	0
No. of authorized e-Waste recyclers /dismantlers	0

(b) Identification of Gaps and Action Plan:

S. No.	Action points	Gaps in implementation	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory / Generation of e-Waste / Bulk-waste generators	Inventorization of e-Waste in the District. Inventory of bulk waste generators is under process.	Completion of inventory	PPCB	30.06.2022
2.	e-Waste collection points	Availability of e-Waste collection points in all MRFs of all ULBs	Identification/registering of e-Waste collection centres in association with producers – their PROs or Recyclers	All MCs and GMDIC	31.12.2022
3.	Linkage among stakeholders dechannelize-waste	Linkage among stakeholders is being done.	Work under progress	All MCs and GMDIC	31.12.2022
4.	Regulation of Illegal e-Waste recycling /dismantling	Being done	Being prepared.	District Administration & PPCB	31.12.2023
5.	Integration of informal sector	Being done	Being prepared.	District Administration & PPCB	31.12.2023
6.	Awareness and	Regular activity	Quarterly special workshops and	District	Regular Activity

	Education		awareness campaigns through producers/PROs will be carried out.	Administration & PPCB	
7.	Identification of Producers who have not obtained, EPR Authorization (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity and will be followed.	This is a continuous activity and will be followed.	SPCBs/ PCCs/Custom department	Regular activity
	Verification of quantity of e-waste collected by producers (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous Activity. All the EPR authorized producers will be verified per year	This is a continuous Activity. All the EPR authorized producers will be verified per year.	PPCB	Regular activity
8.	Verification of systems provided by producers for collection and channelization of e-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity. All the EPR authorized producers will be verified per year.	This is a continuous activity. All the EPR authorized producers will be verified per year.	PPCB	Regular activity
9.	Verification of facilities of dismantlers and recyclers for their infrastructure and records. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	PPCB	Regular activity
10.	Checking of informal trading, dismantling, and recycling of waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular activity	Quarterly drive will be carried out for checking this activity.	District Administration/ PPCB	Regular activity
11.	Facilitate collection and disposal of e-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular activity	Mechanism for collection and for incentivizing setting up of recycling facilities will be complied with.	District Administration/PPCB	Regular activity
12.	Governance frame work for monitoring compliance.	Regular Monitoring will be carried out to check	Regular monitoring will be carried out to check	District administration	Regular activity

	(Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	compliance.	compliance.	n/PPCB.	
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 are being run 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	Status of enforcement of Bye-Laws reviewed on Monthly basis by ADC(UD), and quarterly basis by Hon'ble Deputy Commissioner-cum-Chairman of District Environment Committee.	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)	No gap	State Government has already planned the focal points for industrial units. Proper space will be allocated to the existing and upcoming industrial unit for e-waste dismantling and recycling facility.	PSIEC	Already done
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)	Separate waste deposition centers for domestic e-waste.	e-waste deposition center already established at MRFs in each ULB.	All Local Bodies	<b>Already done</b>

### 3. AIR QUALITY MANAGEMENT

(a) Current status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district.	
- Operated by SPCB / State Govt / Central govt./PSU agency:	0
- Operated by Industry:	0
Number of manual monitoring stations operated by SPCBs	0
Name of towns/cities which are failing to comply with national ambient air quality stations	0
No. of air polluting industries	370
No. of unit installed APCD	370
Status of Air Consent	Regular activity
Prominent air polluting sources	Road dust, transport, burning of biomass & vehicular pollution.

(b) Identification of Gaps and Action Plan:

S. No.	Action points	Gap & Indicative Action Plan	Responsible agency	Timeline for completion of Action Plan
1.	District Level Action Plan for Air Pollution	Since District Sri Muktsar Sahib is not a non-attainment city, there is no requirement of district-level action for air Pollution	PPCB	NA
2.	Hotspots of air pollution in District	Since Sri Muktsar Sahib is not a non-attainment city, there is no hotspot in District Sri Muktsar Sahib	PPCB	NA
3.	Awareness on Air Quality	No station installed	PPCB	NA
4.	Industries to be converted from Coal to CNG	As on date there is no industry in District Sri Muktsar Sahib which is required to be converted from Coal to CNG as there is no focal point or, industry cluster	PPCB/DIC	NA
5.	Conversion of Natural Draft Brick Kilns to Induced	<ul style="list-style-type: none"> <li>Total BKO required to convert to ZIG ZAG = 129</li> <li>Converted to ZIG ZAG Technology= 71</li> </ul>	PPCB/DFSC	--

	Draft Brick Kilns	<ul style="list-style-type: none"> <li>• Yet not converted =58</li> <li>• Direction issued u/s 31-A of Air Act, 1981 to DFSC to cancel the license of BKO's = 17</li> <li>• Remaining lying closed = 41</li> </ul>		
6.	Maintain pothole free roads / timely patchwork on roads	Patchwork of roads is continuous process. As and when potholes develop on roads the same are repaired as soon as possible.	MC, PWD, PUDA	Regular activity
7.	Plantation of trees along highways, drains, nallahs in colonies and canals etc.	<ul style="list-style-type: none"> <li>• Plantation has been done already in various urban estates, and further plantation will be done accordingly when new land will be acquired.</li> </ul>	MC, Forest dept.	Regular activity
8.	Public awareness campaign for control of vehicular emissions	Camps are being organized on regular basis. Facebook, Twitter & Instagram is also being used to spread traffic awareness. Quarterly camps will be organized for awareness.	Traffic Police, Transport	Regular activity
9.	Extensive drive against polluting vehicles	Extensive drive against polluting vehicles already initiated by the Police department.	Traffic Police	Regular activity
10.	Prevention of parking of vehicles in non-designated areas by enforcement actions	Extensive drive already initiated by the Police Department to prevent parking of vehicles in non-designated areas and issuing challans to the violators.	Traffic Police	Regular activity
11.	Control of open burning of bio-mass.	Pits constructed in parks and green belts to control open burning of bio mass in the city.	MC	Regular activity
12.	Dissemination of Air Quality Index by installing CAAQMS	Not installed	PPCB	N.A.
13.	Dissemination of Air Quality Index by installing display boards in the city	Not applicable	PPCB	N.A.
14.	Quality Management Division (AQMD) at PPCB (HQ) Establishment	Work is under progress.	PPCB	31.12.2021
15.	Establishment of 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

16.	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 are being done via public participation mode.	Department of Forests	Regular Activity
17.	Carrying capacity and source apportionment study of non-attainment Cities.	Not a non-attainment city	PPCB	Not required
18.	For development of plantation along highways.	The area alongside highways where plantation can be done is declared forest area. During suitable season for plantation, PWD will coordinate with Department of Forests for plantation.	PWD	Regular Activity
19.	Steps to be taken for management of agriculture waste/residue.	<ul style="list-style-type: none"> <li>Total 6261 machines for crop residue management are available for utilization by farmers (including custom hiring center, cooperative societies, Panchayats) and 1268 with individual farmers.</li> <li>Besides, IEC activities like farmer training camps, hoardings and field demonstrations are also being carried out to spread awareness among farmers through the years.</li> </ul>	Agriculture department	Seasonal Activity /Regular Activity

**\* Procurement of mechanical sweeping machines** - MC Sri Muktsar Sahib and Malout informed that 1 mechanical sweeping machine is available with each MC, and same is within operation. **The Monitoring Committee noted the submission made by MC Sri Muktsar Sahib & Malout and directed that mechanical sweeping machine may be operated on the road to sweep and for suppression of dust generated during sweeping of roads. Treated wastewater of STPs may also be used for sprinkling purpose. The said mechanical sweeping machine may also be deployed for the other terms of district on rotation basis.**

#### 4. WATER QUALITY MANAGEMENT

(a) Water Quality Monitoring

- Current status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	Nil
Length of Coast line (if any)	Nil
Nalas/Drains/Creeks meeting Rivers	04
Lakes/Ponds	474
Total Quantity of Sewage from towns and cities in District	49 MLD
Quantity of Industrial Wastewater	15.40 MLD
Percentage of untreated sewage	19.38%

- 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 waterbodies	Irrigation pond and drains = 1 drain	PPCB	Regular activity
2.	Quality of waterbodies in the district	The monitoring of rivers, drains are already being carried out and data is being maintained and also discussed in monthly meeting of District Environment Committee. The information of water quality will be also uploaded on the official websites of SPCB & District Administration. The web link is <a href="https://ppcb.punjab.gov.in/en/water-quality">https://ppcb.punjab.gov.in/en/water-quality</a>	District Administration and PPCB	Regular activity
3.	Hotspots of water contamination	Identified and given in the Satluj Action Plan. Weblink is <a href="https://ppcb.punjab.gov.in/en/action-plans">https://ppcb.punjab.gov.in/en/action-plans</a> .	PPCB, all MCs and DDPO	Regular activity
4.	Protection of river/lake waterfront	Awareness is being carried out to	MC & DDPO	Regular activity



		stop the dumping of solid waste in river/nallah. Challans are also issued to the violators		
5.	Inventory of sources of water pollution	The sources are already identified and detail of the same is given in Sutlej Action Plan. The web link of the same is <a href="https://ppcb.punjab.gov.in/en/action-plans">https://ppcb.punjab.gov.in/en/action-plans</a>	MC & DDPO	Activity Completed
6.	Oil spill disaster management (for coastal districts)	Not applicable	Not applicable	Not applicable
7.	Protection of floodplains	Plan Prepared and the Web link of the same is <a href="https://irrigation.punjab.gov.in/Drainage.aspx">https://irrigation.punjab.gov.in/Drainage.aspx</a>	Drainage Department	Plan Prepared. The concerned department regularly observes and protects the flood plains by constructing river training works.
8.	Rejuvenation of groundwater	Not required since the whole district is categorized as a waterlogged area	CGWA/PWRDA	Deputy Commissioner, Sri Muktsar Sahib shall hold meetings with concerned department within 15 days and prepare a proposal/scheme for rejuvenation of ground water based on the points as discussed in the meeting and same may be started implementing by 31.07.2022
9.	Complaints redressal system	Mobile App/Online Complaint redressal system already developed. The web link is <a href="https://connect.punjab.gov.in/">https://connect.punjab.gov.in/</a> .	PPCB	Activity Completed

## Domestic Sewage

- Identification of Gaps and Action Plan for treatment of Domestic Sewage

<b>Detail of data required</b>	<b>Present Status</b>
No of Class-II towns	1
No of Class-I towns	2
No of Towns STPs installed	03
No of Towns needing STPs	01 i.e. Nagar Panchayat, Bariwala
No of ULBs having partial underground sewerage network	01
No of towns not having sewerage network	01
Total Quantity of Sewage generated in District from Class II cities and above	47 MLD (Sri Muktsar Sahib – 20, Malout – 20 and Gidderbaha-7)
Quantity of treated sewage flowing into rivers (directly or indirectly)	29MLD (Sri Muktsar Sahib - 20 MLD, Malout - 7, NP Bariwala -2 MLD) STPs of Sri Muktsar Sahib lying defunct
Quantity of untreated or partially treated sewage (directly or indirectly)	0
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	20 MLD in District Sri Muktsar Sahib

- 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)	<ul style="list-style-type: none"> <li>Existing capacity of STPs=37.9 MLD  <u>Sri Muktsar Sahib</u> = 8.7 MLD, 5.7 MLD &amp; 3.5 MLD            These STPs are lying defunct and department has prepared DPR for repair/renovation of these STPs. The DPR has been cleared technically and tender has been floated.</li> <li><u>Malout</u> = 10 MLD &amp; 3 MLD            Total sewage generated is 20 MLD and there is a gap of 7 MLD. PWSSB has prepared DPR and same was sent to Govt. for sanctioning of funds.</li> <li>Bariwala = Technically DPR for installation of STP</li> </ul>	MCs, ADC(UD) and PWSSB	STP Sri Muktsar Sahib = 31.12.2022              STP Malout = 31.12.2022

		<p>of capacity 2 MLD is sent for approval. Funds of Rs. 8.05 Crore has been tied up. Tender is yet to be called. The land for the STP has to be arranged by NP Bariwala from PSAMB, which is under process.</p> <p>Gidderbaha = 7 MLD (installed and working)</p> <ul style="list-style-type: none"> <li>• Additional capacity required=11.5 MLD.</li> </ul>		<p>STP Bariwala = 31.12.2022</p> <p>STP Gidderbaha = Already Completed</p>
2.	Underground Sewerage network	<p>Sewerage network is already being laid out in major town and cities. The percentage of sewerage lines laid is as under:-</p> <p>(i) Sri Muktsar Sahib – 75%</p> <p>(ii) Malout – 92%</p> <p>(iii) Gidderbaha – 95%</p> <p>(iv) Bariwala –0%</p>	MCS, ADC (UD) & PWSSB	<p>Sri Muktsar Sahib = 31.12.2022</p> <p>Malout = 31.12.2022</p> <p>Gidderbaha = 31.12.2022</p> <p>Bariwala = 31.12.2022</p>
3.	Setting up of real time water quality monitoring system to monitor the quality of water	N.A.	PPCB	N.A.
4.	Operation and Maintenance of STPs (i) Arranging funds for operation and maintenance of STPs to ensure regular operation and	--	MC, PWSSB	-

	maintenance of STPs in a professional manner			
	(ii) Providing proper in-house laboratory facilities at each STP for maintaining record of characteristics of analysis of untreated as well as treated waste water.	Labs have not been provided at all STPs of District Sri Muktsar Sahib.	MC, PWSSB	Not provided at all STPs of District Sri Muktsar Sahib
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	A. No. of village ponds for which work has been completed:- 3 villages (3 ponds) B. No. of villages where work is under progress= 11 villages C. No. of villages where work is yet to be started = 219 villages.	DDPO	A. Total no. of villages where appropriate technology is required = 233 villages B. No. of villages for which appropriate technology finalized: 03 villages and 11 villages work is under process. C. Time target for finalizing the appropriate technology for remaining 219 village ponds: 31.12.2023.
	(ii) Arrangement of funds for treatment technology in various villages identified in the Action Plan	A. No. of village ponds for which funds treatment technology arranged: 14 villages B. The work for arrangements of funds for the remaining villages is under process	DDPO	A. No. of villages (ponds) for which funds for treatment technology arranged:-14 B. Number of villages where funds are yet to be arranged=219 C. Time target for the remaining village ponds: 31.12.2023
	(iii) Reuse of water for agriculture purpose in villages.	A. No. of village ponds for which irrigation scheme has been implemented: 233 B. Progress for the remaining villages: work is under progress under the MGNREGA scheme- Nil	DDPO, Soil Conservation Department.	The Chairman of the Monitoring Committee informed that the treated wastewater of the village ponds may be utilized for agriculture purpose for which the department of Rural Panchayat shall Prepare a comprehensive scheme.

				including all the activities w.r.t. management of waste by 30.06.2022 and all activities w.r.t. management of waste may be completed in a phased manner.
	(v) Proper operation and maintenance of treatment facilities installed in village ponds	<p>A. Target number of villages identified for installation treatment facility : 233 villages</p> <p>B. No. of village ponds for which operation and maintenance of treatment facilities installed: 3 villages</p> <p>C. Progress in the rest of the villages for remaining work is under progress under the MGNREGA scheme- 11 villages</p> <p>D. No. of villages where work is yet to be started = 219 villages</p>	DDPO	<p>A. Target number of villages identified for installation treatment facility : 233 villages</p> <p>B. No. of village ponds for which operation and maintenance of treatment facilities installed: 3 villages</p> <p>C. Progress in the rest of the villages for remaining work under progress under the MGNREGA scheme- 11 villages.</p> <p>D. No. of villages where work is yet to be started = 219 villages</p> <p>E. Time target for the remaining villages: 31.12.2022</p>
6.	<p>(i) Checking of health indices of the inhabitants &amp; maintaining database.</p> <p>(ii) Holding awareness camps in the catchment area of River Sutlej to make the public aware regarding water borne diseases</p>	Camps are organized on monthly basis	The Department of Health and Family Welfare	Regular activity
7.	(i) Measurement of flow at different locations of River Satluj & drains.	The flow is being monitored on monthly basis by the drainage department.	Department of Water Resources,	Regular activity

	(ii) To stop unauthorized discharge in the drains.	<ul style="list-style-type: none"> <li>Regular survey is being done by the concerned departments to stop unauthorized discharge in the drains.</li> </ul>	Department of Water Resources, MC and DDPO.	Time Target: <ul style="list-style-type: none"> <li>Drainage Department (Outside MC limit) = 30.06.2022</li> <li>MC (Within MC limit) = 30.06.2022</li> </ul>
8.	Guidelines for control of pollution and enforcement of Environmental Norms in marriage halls, banquet halls, party venues etc. along with consent management system. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022
9.	Installation of ETP in 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)	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022

10.	All the units having kitchen should have proper ducting arrangement. The units using DG sets must have the proper stack height. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022
11.	The local authorities/corporations should carry out inventory of the dairy farms and gaushalas. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	All ULBs have inventory of Gaushala and Dairy farms available with them.	All Local Bodies	30.06.2022
12.	The local bodies/municipal corporations shall publish a public notice in newspapers and on their website for registration of dairy farms and gaushalas as per municipal law. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	The Public notice will be given in the newspaper and on the website of local body for registration of dairy farms and gaushalas	All Local Bodies	Timeline for registration= 31.12.2022



13.	The District Collectors 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	30.06.2022
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 done as per the guidelines of GOI per GEC- 2015 Methodology by taking Block as a Unit of Assessment. The data of years 2015-19 has been taken for assessing the same recently. As per this study out of total 150 Blocks taken for study, 117 Blocks (78%) are "Over-Exploited", 6 Blocks (4%) are "Critical", 10 Blocks (7%) are "Semi-Critical" and 17 Blocks (11%) are in "Safe" category. The water level trends have been computed for last 10 years from 2009-2019 data.	Water Resources (Ground water cum NHP wing) and PWRDA	Activity Completed
16.	Water Management Plans need to be prepared for all OCS assessment units in the country based on the mapping data, starting with Overexploited blocks. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Punjab Government has engaged M/s Mekorot, National Water Company of Israel to formulate the Water Conservation and Management Master Plan for the State of Punjab and their final recommendations is likely to be submitted by December 2021.	Water Resources (Ground water cum NHP wing) and PWRDA	31.03.2022

17.	The Water Management Plans, data on water availability or scarcity and policy of CGWA must be uploaded on its website for transparency and public involvement. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Noted for compliance and will be assured.	PWRDA	31.03.2022
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 3 ponds have been rejuvenated/restored B) Rest 191 will be restored by 31.12.2022.	DDPO	31.12.2022
19.	Active efforts be made in close coordination with technical bodies to tap excess runoff of rivers/canals during rainfall season to recharge old water bodies and retain water in new ponds to be constructed specifically for the purpose (Directions of Hon'ble NGT in OA no. 325/2015 dated	The excess run-off water finally reaches rivers, whether it comes through nallah or drain. This water ultimately is controllable at head works, where a certain level is maintained for regulation of canals. Efforts will be also done to find out an alternate way to tap the excess rain fall in ponds.	Drainage	31.10.2026

	18.11.2020)			
20.	Maintenance of E Flow of the rivers. (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	Already Being Maintained	Drainage Department	Completed
21.	Land owning agencies must ensure that every waterbody has unique ID for its identification. There should be retagging of the water bodies to prevent encroachment. (Directions of Hon'ble NGT inOA no. 496/2016 dated 22.01.2021)	L-section of all water bodies like drains concerned with Drainage Department has been approved, with name of drains. Mapping of the Drainage System has been done on Google Sheet.	Drainage Department	Completed
22.	Awareness among public to set up Rainwater Harvesting System and about its utility should be enhanced. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Public announcements done regarding rain water harvesting time to time by all ULBs.	Local Bodies	Regular Activity
23.	Installation of STP will be mandatory for all residential apartments/groups, housing societies where groundwater requirement is more than 20 m3/day for	Directions being already followed.	PUDA and MCs	Regular Activity

	getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)			
24.	Comprehensive plan to install flow meters at various locations to carry out daily real-time monitoring of the city's water supply network. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Directions will be followed. Timeline for preparation of plan = 31.03.2022.	MC, ADC (UD)& PWSSB	Timeline for preparation of plan = 30.06.2022. Timeline for implementation of plan = 31.03.2025.
25.	Control of illegal extraction of groundwater. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Efforts are being made to control illegal extraction of ground water.	All local bodies	Regular Activity
26.	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 District Magistrate, Muktsar.	District heads of concerned departments and District Administration.	<ul style="list-style-type: none"> <li>• Monthly Meetings shall be taken by District head of concerned department for the review of activities of this plan and nodal officer of concerned department will submit the reports to the District Environment Committee and PPCB on monthly basis.</li> <li>• Monthly Meetings shall be taken by the District Administration along-with District Environment Committee.</li> </ul>

27.	Preparation of operational manual of STPs for the effective and efficient operation of the STPs of the state.	Under preparation.	PPCB	Pending at State Council
28.	Enhancement of capacity of existing ponds/ water bodies, and creating of new water harvesting structures.	A. Existing Ponds (Total)= 205 B. No. of Ponds whose capacity has been enhanced = 03 C. New ponds = Nil Source of funds above activities: Gram Panchayat Fund, Finance Commission, MGNREGA.	DDPO	Timeline: 31.12.2022
29.	Usage of treated sewage for sprinkling purposes for sweeping of roads to control dust pollution.	Progress achieved: • MC: Scheme under consideration, water hydrants are being planned at outlet of STPs by PWSSB / Department of Soil Conservation.	MCs	Regular activity
30.	Mapping of the rivers and floodplain zones in the catchment area of rivers of the State.	The mapping has been done by the Drainage Department in an electronic file. The same can be retrieved from Goggle Earth link <a href="https://earth.google.com/web/@31.05081388,75.93504687,-27664.5935166a,181476.44066099d,35y,0.03480517h,45.47133225t,0.0813r?utm_source=earth7&amp;utm_campaign=vine&amp;hl=en">https://earth.google.com/web/@31.05081388,75.93504687,-27664.5935166a,181476.44066099d,35y,0.03480517h,45.47133225t,0.0813r?utm_source=earth7&amp;utm_campaign=vine&amp;hl=en</a>	Drainage Department	Completed
31.	Utilization of STPs sludge	STP sludge issued by the farmers as manure.	MCL, DDLG, and GLADA	Regular activity
32.	Framing policy for the management of highly contaminated fecal sludge generated from the rural areas.	Progress achieved: State-level policy matter and time target for framing of policy will be informed after taking up matter at higher level.	DDPO	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	<ul style="list-style-type: none"> <li>• STPs where irrigation schemes have been completed and working = Nil</li> <li>• Irrigation schemes are yet to be provided = 4</li> </ul>	Department of Soil conservation, ULBs/PWSSB	To make necessary amendments in STP by ULBs/PWSSB to treat the sewage fit for irrigation purpose = 31.12.2022

	22.01.2021)			Preparation of scheme = 30.04.2022 Arrangements of funds = 31.12.2022  Implementation of scheme = 30.04.2024  <b>Note:-</b> These schemes are possible with farmers' consent for using this water for irrigation, and concerned department will assure quality of treated water.
34.	Reuse of treated effluent through proposed STPs (New STPs) (OA no. 496/2016 dated 22.01.2021)	<b>STP Gidderbaha (7 MLD):</b> Irrigation scheme costing Rs. 3.0 crore has been prepared	Department of Soil Conservation	Irrigation scheme costing Rs. 3.0 crore has been prepared
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.	<ul style="list-style-type: none"> <li>• Total operational STP=2</li> <li>• STP under construction = 0</li> <li>• OCEMS Provided=0</li> <li>• OCEMS operational as per SOP = 0</li> </ul>	PWSSB	Installed OCEMS will be made operational as per SOP by 31.03.2022.
36.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated sewage.	<b>NP, Bariwala:-</b> Yet to be provided <b>Villages:</b> No village has direct flow of untreated effluent into drain. Effluent first leads to village pond, from where it may overflow into drain.	PWSSB, ADC(UD) and DDPO	30.06.2022

## 5. INDUSTRIAL WASTE WATER MANAGEMENT

(a) Current status related to Industrial Waste water Management

No. of Industries discharging wastewater (generating trade effluent)	21
Status of Water Consent	Regular activity
Total Quantity of Industrial Wastewater generated	15.40 MLD
Quantity of treated Industrial Wastewater discharged into Nalas/ Rivers	0 MLD
Common Effluent Treatment Facilities	Nil
No. of Industries meeting standards	It is a regular activity, and PPCB is monitoring the industries including inspections and samplings. Around 10% units are randomly inspected per month.
No. of Industries not meeting discharge standards	It is a regular activity, and PPCB is monitoring the industries including inspections and samplings.

(b) Identification of Gaps and Action Plan for Industrial Wastewater:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of Action Plan
1.	Compliance to discharge norms by Industries	Necessary action is being taken against the industries not meeting the standards.	PPCB	Regular activity
2.	Complaint redressal system	Online compliant system already developed and web link is <a href="https://connect.punjab.gov.in/grievance/save">https://connect.punjab.gov.in/grievance/save</a>	PPCB	Activity complied
3.	Installation of Online Continuous Monitoring System by	Not required being no non-attainment city.	PPCB	Activity complied
	1. 17 categories of industries.	One number water polluting 17 categories of industry falls in the	PPCB	Activity complied



		District Sri Muktsar Sahib		
	2. Industries with discharge more than 50 KLD and not connected with any CETP.	Total units required OCEMS =0	PPCB	NR
4.	Installation of electromagnetic flow meters at inlet and outlet of ETP.	Already installed	PPCB	Already installed
5.	Inspection of units to check compliance	Inspection already being made	PPCB	Regular activity

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**6. MINING ACTIVITY MANAGEMENT PLAN**

(a) Current status related to Mining Activity Management

<b>Details of Data Requirement</b>	<b>Existing Mining operations</b>
Type of Mining Activity	Sand Mining
No of licensed mining operations in the district	0
% Area covered under mining in the district	0
Area of Sand Mining	0

## 7. NOISE POLLUTION MANAGEMENT PLAN

(a) Current status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Name of agency = Police and PPCB Nos. of analyzers required =10 Nos. of analyzers available =01 Timeline to arrange balance noise analyzers = 09 (By Police Department i.e. one meter to each SHO)

(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.	<ul style="list-style-type: none"> <li>Nos. of analyzers required = 10</li> <li>Nos. of analyzers available = 01</li> <li>Timeline to arrange balance noise analyzers = 09 (By Police Department i.e., one meter to each SHO)</li> </ul>	PPCB Police Department	Activity completed 31.12.2022
2.	Sign Boards in Noise Zones	Signboards are installed at sensitive zones. More signboards will be installed	ULBs	30.06.2022
3.	Complaint redress system	Public complaint redress system already established, and web link is <a href="https://connect.punjab.gov.in/">https://connect.punjab.gov.in/</a> .	District Administration Police Department and PPCB	NA
4.	Checking of pressure horn of vehicles	Regular activity. The checking will be done twice a month.	Police Department.	Regular activity