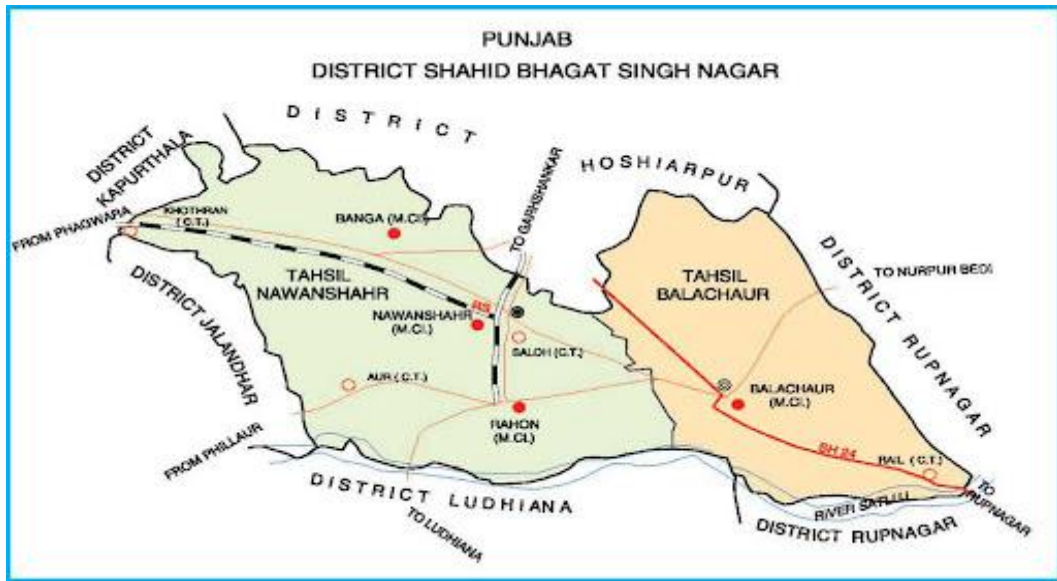


DISTRICT ENVIRONMENT PLAN
FOR
SHAHEED BHAGAT SINGH NAGAR

PUNJAB STATE



Office of District Administration
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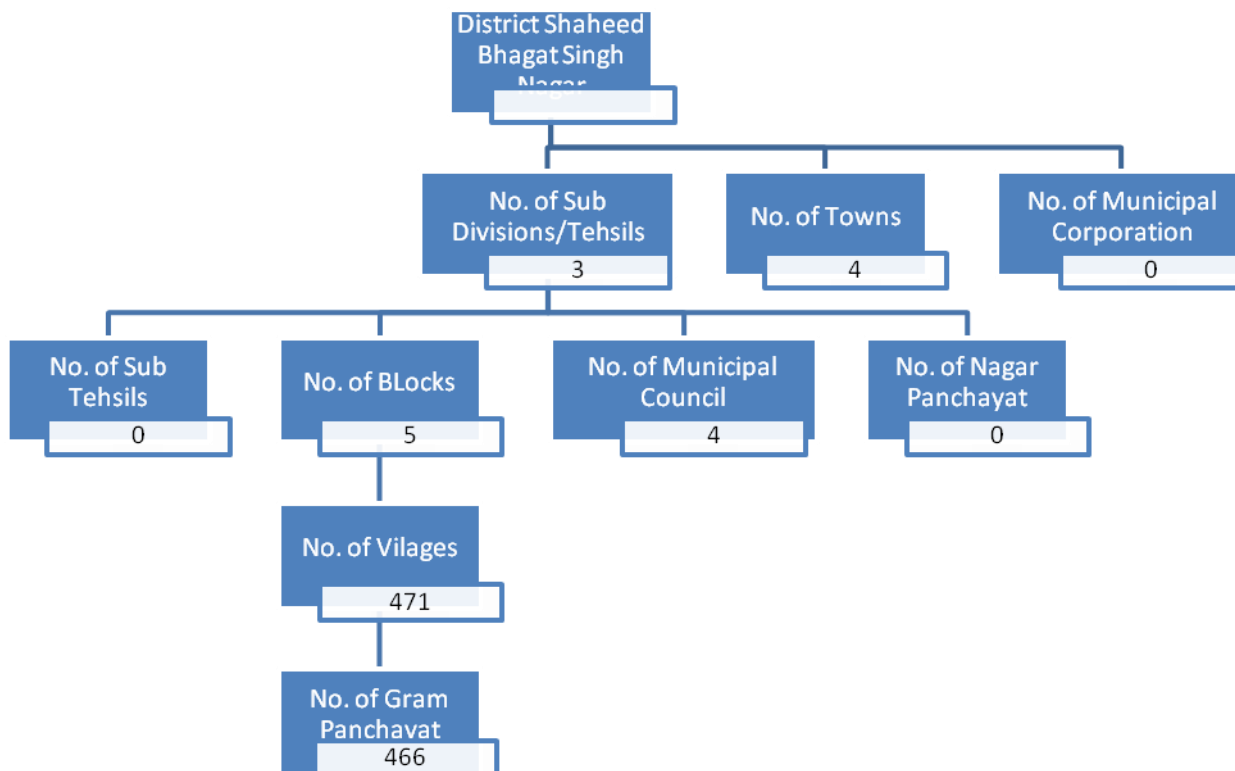
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1.0 DISTRICT PROFILE

Shaheed Bhagat Singh Nagar commonly known as SBS Nagar (formerly known as Nawanshahr) is one of the twenty three districts of State of Punjab. Nawanshahr district was carved out of Hoshiarpur and Jalandhar districts of Punjab in November 7, 1995 on the auspicious occasion of birthday of Sh. Guru Nanak Dev Ji as the sixteenth district of Punjab State. Shahid Bhagat Singh Nagar district is situated in 31.8° N and 76.7° E part of Punjab on the right bank of mighty river Sutlej. Shahid Bhagat Singh Nagar District is surrounded by four districts. The west border of the district touches Jalandhar, east border touches with Roop Nagar (Ropar) district, the northern border of the district meets with district Hoshiarpur and in south it touches with Nawanshahr (known as the Manchester of India) and Kapurthala District.

a. District Administrative Set-up



b. Local Institutions

In District Nawanshahr, there are total 3 Sub-Divisions/Tehsils, 4 towns. There are 03 Sub-Tehsil, 5Blocks, 04 Municipal Council. There are total 471 Villages in the District & have 466 Gram Panchayats.

c. Natural Resources

Water Bodies:

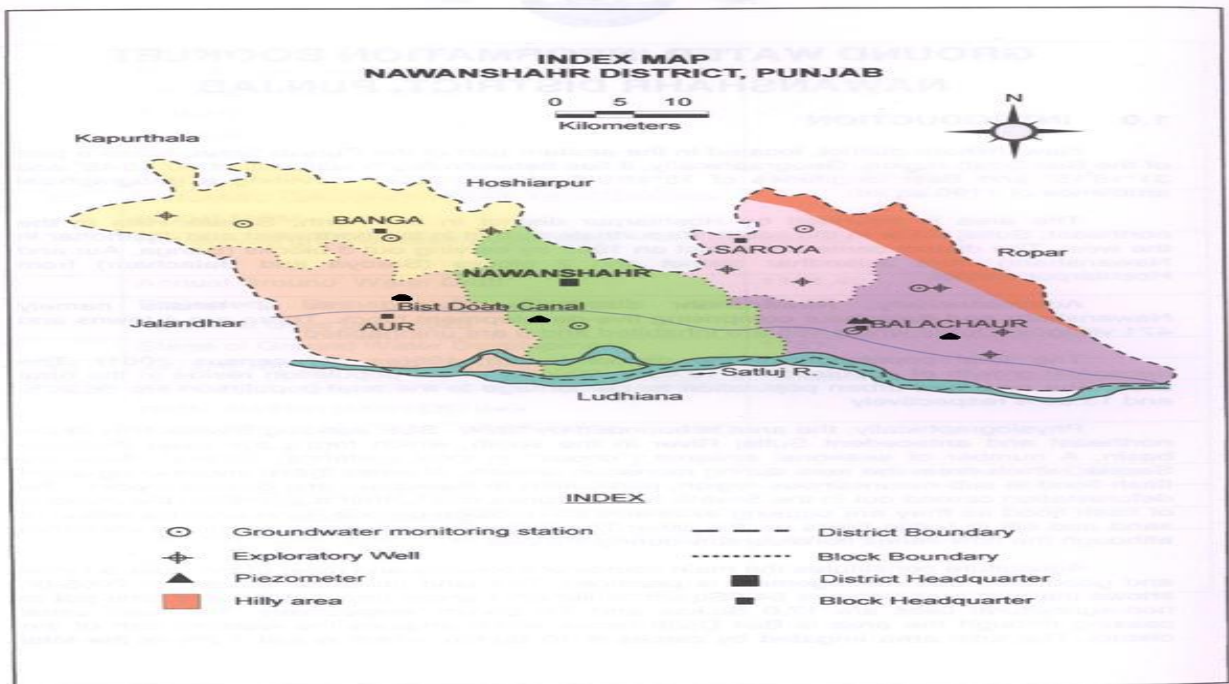
- **River Sutlej** is passing through SBS Nagar District. River Sutlej divides districts Rupnagar and Nawanshahr and adjoins the block Aur, Nawanshahr and Balachaur.
- **East Bein:** This major drain passes through the district which receives wastewater of villages through which it passes. Further, it receives the wastewater of Nawan shahar Sugar Mill, Nawan shahar Power plant, Focal point Nawanshahr, outlet of STP Nawan shahar and Banga also.

- **Bist Doab Canal**

This Canal is originated from River Sutlej at the Border of District SBS Nagar and Roop Nagar. This Canal flows through Tehsil Balachaur.

- **Other drains**

There are some other drains which meet with the East Bein.



The joint monitoring is being carried out on monthly basis at following points in Distt SBS Nagar:

1. Source of River Sutlej D/S of Rishab- Paper Mills, Balachaur, SBS Nagar.

The monitored parameters at the above points for the period Dec/2018 are pH, DO, BOD, Conductivity, T.Coli, Quality of water as per DBU.

- **Availability of water resources**

In the notified areas, following guidelines are applicable:-

- I. Permission to abstract ground water through any energized means will not be accorded for any purpose other than drinking water.
- II. Drinking purpose:

NOC can be accorded for construction of groundwater abstraction structures/ replacement of existing defunct well for drinking purpose only to:

- a. Government department/Agency/Undertaking entrusted with the water supply
- b. Other Government organizations/State Government Guest Houses/ Registered Housing societies.
- c. Schools/ educational & State/Central Government recognized research Institutions/ Universities
- d. Hospitals NOC for the item (b to d) will be considered only if Water Supplying Department is not providing adequate water in the area/premises. Proof for this to be produced from the concerned authority by the applicant.

- **Forest coverage**

The Detail of Forest area of District Shaheed Bhagat Singh Nagar is as under:-

Geographical Area (GA)	2017 Assessment				% of Geographical Area
	Very Dense Forest	Mod. Dense Forest	Open Forest	Total	
126700	1164	946	11442	13552	10.69

d. Geography & Demography

Description	Facts
Population	6,01,296
Male	3,07,811
Female	2,93,485
Population Growth	4.23%
Area Sq. Km	1267
Density/km ²	478
Proportion to Punjab Population	2.14%
Sex Ratio (Per 1000)	954
Child Sex Ratio (0-6 Age)	886
Average Literacy	79.78%

a. Land-use pattern

Sr . No.	Title	Data of District SBS Nagar (Area Hac)
1.	Geographical area	126700
2.	Cultivated area	97279

3.	Forest area	12180
4.	Land under non agricultural use	-
5.	Permanent pastures	-
6.	Cultivated wasteland	-
7.	Land under Misc. tree crops and groves	-
8.	Barren and un-cultivated land	-
9.	Current fallows	-
10.	Other fallows	-

f. Climate

Shaheed Bhagat Singh Nagar having 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.

Nawanshahr on average seems roughly 809.3 mill meters (31.86 in) of precipitation annually.

ACTION PLAN

2.0 WASTE MANAGEMENT PLAN

I. Solid Waste Management

a. Current status related to solid Waste management

Sr. no.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated (MT per day)
1.	MC, Nawanshahar	19	10000	46024	12
2.	MC, Banga	15	5620	20906	6
3.	MC, Rahon	13	3278	15679	3.5
4.	MC, Balachaur	15	5720	21631	4
5.	Total	62	24618	104240	25.5

Sr no.	Local Bodies	No of Village panchayats / Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Villages Panchayats	466	103056	497056	25.71 MT

b. Identification of gaps and Action plan:

Sr.	Action points For villages / blocks / town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of actionplan
1	Segregation				
(I)	MC, Nawanshahar	Achievement-90% Gap – 10%	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 compartmented rehrs to the workers. ✓ By imparting to the waste collected workers 	E.O. Nawanshahr	31.12.2022
(II)	MC, Banga	Achievement-80% Gap –20%	To achieve 100% segregation, following measures will be taken: <ul style="list-style-type: none"> ✓ Public awareness by 	E.O. Banga	31.12.2022

			<p>holding ward wise camps.</p> <ul style="list-style-type: none"> ✓ IEC activities. ✓ By providing compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers 		
(III)	MC, Rahon	Achievement- 88% Gap – 12%	<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 compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers 	E.O. Rahon	31.12.2022
(IV)	MC, Balachaur	Achievement-80% Gap –20%	<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 compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers 	E.O. Balachaur	31.12.2022
(V)	Villages of District SBS Nagar (466)	Achievement - 128 Gap –338	To cover the gap	RDP	30.06.2023
2	Sweeping				
(i)	Manual Sweeping				
a)	MC, Nawanshahar	Achievement- 100% Gap – Nil	To maintain 100 % sweeping all the times	EO, Nawanshahr	Regular activity
b)	MC, Banga	Achievement- 100% Gap – Nil	To maintain 100 % sweeping all the times	EO, Nawanshahr	Regular activity
c)	MC, Rahon	Achievement- 100% Gap – Nil	To maintain 100 % sweeping all the times	EO, Rahon	Regular activity
d)	MC, Balachaur	Achievement- 100% Gap – Nil	To maintain 100 % sweeping all the times	EO, Balachaur	Regular activity

e)	Villages Panchayat (466 Nos.)	Achievement - 184 Gap –282	To cover the gap	RDP	30.06.2023
(ii) Mechanical Road Sweeping & Collection					
a)	MC, Nawanshahar	Achievement- NIL Gap – Nil	NA	-	Not Applicable
b)	MC, Banga	Achievement- NIL Gap – Nil	NA	-	Not Applicable
c)	MC, Rahon	Achievement- NIL Gap – Nil	NA	-	Not Applicable
d)	MC, Balachaur	Achievement- NIL Gap – Nil	NA	-	Not Applicable
e)	Villages Panchayat (466 Nos.)	Achievement- NIL Gap – Nil	NA	-	Not Applicable
3 Waste Collection					
(i) 100% Collection of solid waste					
a)	MC, Nawanshahar	Achievement- 100% Gap – 0	To maintain 100% D to D by ULBs	ULBs	Regular activity
b)	MC, Banga	Achievement- 100% Gap – 0	To maintain 100% D to D by ULBs	ULBs	Regular activity
c)	MC, Rahon	Achievement- 100% Gap – 0	To maintain 100% D to D by ULBs	ULBs	Regular activity
d)	MC, Balachaur	Achievement- 100% Gap – 0%	To maintain 100% D to D by ULBs	ULBs	Regular activity
e)	Villages Panchayat (466 Nos.)	Achievement - 90 Gap -376	To cover the gap	RDP	30.06.2023
(ii) Arrangement for door to door collection					
a)	MC, Nawanshahar	Provided Vehicles- 24 • Tractor- 3 • Tata Ace- 6 • Rickshaw- 15 Required Vehicles- 2	To maintain 100% D to D by ULBs	ULBs	Regular activity
b)	MC, Banga	Provided Vehicles- 55 • Manual Redis- 51 • Tata Ace- 3 • Dump placer- 1 Gap- 0	To maintain 100% D to D by ULBs	ULBs	Regular activity
c)	MC, Rahon	Provided Vehicles- 15 • Tractor- 1 • Tata Ace- 4 • Rickshaw- 10 Gap- 0	To maintain 100% D to D by ULBs	ULBs	Regular activity

d)	MC, Balachaur	Provided Vehicles- 27 • Tractor- 1 • Tata Ace- 1 • Rickshaw-25 Required Vehicles- 10	To maintain 100% D to D by ULBs	ULBs	Regular activity
e)	Villages Panchayat (466 Nos.)	Achievement - 128 Gap –338 Vehicles Available- 176 Gap- 290	To cover the gap	RDP	30.06.2023
(iii) Waste Collection trolleys with separate compartments					
a)	MC, Nawanshahar	Provided -3 Gap – 0	NA	ULB	Activity Completed
b)	MC, Banga	Achievement-1 Gap –	NA	ULB	Activity Completed
c)	MC, Rahon	Provided -1 Gap – 0	NA	ULB	Activity Completed
d)	MC, Balachaur	Achievement-1 Gap –0	NA	ULB	Activity Completed
e)	Villages Panchayat (466 Nos.)	One Rikshaw trolley provided in each village Gap –0	NA	RDP	Activity Completed
IV Mini Collection Trucks with separate compartments					
a)	MC, Nawanshahar	Provided -6 Gap – 0	NA	ULB	Activity Completed
b)	MC, Banga	Provided -3 Gap – 2	To procure trucks	ULB	31.12.2022
c)	MC, Rahon	Provided -4 Gap – 0	NA	ULB	Activity Completed
d)	MC, Balachaur	Provided -1 Gap – 0	NA	ULB	Activity Completed
e)	Villages Panchayat (466 Nos.)	Not Required	NA	RDP	NR
(v) Waste Deposition Centres (for domestic hazardous wastes)					
a)	MC, Nawanshahar	Required –1 Installed – 1 Gap –0	NA	ULB	Activity Completed Provided at MRF
b)	MC, Banga	Required –1 Installed – 1 Gap –0	NA	ULB	Activity Completed Provided at MRF
c)	MC, Rahon	Required –1 Installed – 1 Gap –0	NA	ULB	Activity Completed Provided at MRF

d)	MC, Balachaur	Required –1 Installed – 1 Gap –0	NA	ULB	Activity Completed Provided at MRF
e)	Villages Panchayat (466 Nos.)	Required -466 Gap-466	Waste Deposition point to be provided at dump site	DDPO	30.06.2023
4. Waste Transport					
(i) Review existing infrastructure for waste Transport.					
a)	MC, Nawanshahar	Required –1 Gap –1	Review shall be carried out for existing and required infrastructure	ULB	31.12.2022
b)	MC, Banga	Required –1 Gap –1	Review shall be carried out for existing and required infrastructure	ULB	31.12.2022
c)	MC, Rahon	Required –1 Gap –1	Review shall be carried out for existing and required infrastructure	ULB	31.12.2022
d)	MC, Balachaur	Required –1 Gap –1	Review shall be carried out for existing and required infrastructure	ULB	31.12.2022
(ii) Bulk Waste Trucks					
a)	MC, Nawanshahar	Required –0 Gap –0	NA	ULB	Activity Completed
b)	MC, Banga	Required –0 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	Required –0 Gap –0	NA	ULB	Activity Completed
d)	MC, Balachaur	Required –0 Gap –0	NA	ULB	Activity Completed
(iii) Waste Transfer points					
a)	MC, Nawanshahar	Available – 8 Gap –0	NA	ULB	Activity Completed
b)	MC, Banga	Available –6 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	Available –2 Gap –0	NA	ULB	Activity Completed
d)	MC, Balachaur	Available –3 Gap –0	NA	ULB	Activity Completed
5 Waste Treatment and Disposal					
(i) Wet-waste Management: On-site composting by BULK WASTE GENERATORS (BWG)					
a)	MC, Nawanshahar	No. of BWG- 2 C.P. Available –5 Gap –0	New BWG shall be identified	ULB	Regular Activity
b)	MC, Banga	No. of BWG-2 C.P. Available –4 Gap –0	New BWG shall be identified	ULB	Regular Activity
c)	MC, Rahon	No. of BWG-2 C.P. Available –2	New BWG shall be identified	ULB	Regular Activity

		Gap –0			
d)	MC, Balachaur	No. of BWG-4 C.P. Available –4 Gap –0	New BWG shall be identified	ULB	Regular Activity
e)	Villages Panchayat (466 Nos.)	BWG Identified- 0 Gap –100%	Identification of BWG shall be done and the compliance shall be done thereafter	RDP	Identification – 30.06.2022 Implementation – 150 villages – 31.12.2022 300 Villages – 30.06.2023 466 villages – 31.12.2023
(ii)	Wet-waste Management: Facilities for central Bio-methanation/ Composting of wet waste.				
a)	MC, Nawanshahar	C.P. Provided –75 Gap –0	NA	ULB	Activity Completed
b)	MC, Banga	C.P. Provided –25 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	C.P. Provided –24 Gap –0	NA	ULB	Activity Completed
d)	MC, Balachaur	C.P. Provided –20 Gap –0	NA	ULB	Activity Completed
e)	Village Panchayat (466 Nos.)	C.P. Provided – 466 Gap – 338	Compost Pits shall be installed	RDP	30.06.2023
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction				
a)	MC, Nawanshahar	Provided –1 Gap – 0	NA	ULB	Activity Completed
b)	MC, Banga	Provided – 1 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	Provided –1 Gap –0	NA	ULB	Activity Completed
d)	MC, Balachaur	Provided –1 Gap –0	NA	ULB	Activity Completed
e)	Village Panchayat (466 Nos.)	Provided – 466 Gap – 338	Material Recovery to provide	RDP	30.06.2023
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill				
a)	MC, Nawanshahar	Required –1 Gap –1	Preparation of site	ULB	31.03.2023
b)	MC, Banga	Required –1 Gap –1	Preparation of site	ULB	31.03.2023
c)	MC, Rahon	Required –1 Gap –1	Preparation of site	ULB	31.03.2023
d)	MC, Balachaur	Required –1 Gap –1	Preparation of site	ULB	31.03.2023
e)	Village Panchayat	Required to cover all villages	Preparation of Action Plan & then	RDP	Preparation of action plan –

	(466 Nos.)	Gap – 100%	implementation		30.06.2022 Commissioning – 30.06.2025
(v) Remediation of historic / legacy dumpsite					
a)	MC, Nawanshahar	<ul style="list-style-type: none"> Total legacy waste = 30000 MT Waste remediated = 1200 MT Balance = 28800 MT 	Mechanical separation shall be carried out. Additional Mechanical separator shall be purchased.	ULB	Purchase of mechanical separator 31.12.2023 Remediation - 31.12.2023
b)	MC, Banga	<ul style="list-style-type: none"> Total legacy waste = 10950 MT Waste remediated = 500 MT Balance = 10450 MT 	Mechanical separation shall be carried out. Additional Mechanical separator shall be purchased.	ULB	Purchase of mechanical separator 31.12.2023 Remediation - 31.12.2024
c)	MC, Rahon	<ul style="list-style-type: none"> Total legacy waste = 5000 MT Waste remediated = 800 MT Balance = 4200 MT 	Mechanical separation shall be carried out.	ULB	Remediation - 31.12.2024
d)	MC, Balachaur	<ul style="list-style-type: none"> Total legacy waste = 8500 MT Waste remediated = 450 MT Balance = 8050 MT 	Mechanical separation shall be carried out.	ULB	Remediation - 31.12.2024
e)	Village Panchayat (466 Nos.)	Legacy waste is there in villages and shall be handled scientifically.	Action Plan to prepare and then to implement	RDP	Action Plan – 30.06.2022 Implementation: 150 Vill.– 30.06.2023 300 Vill. – 30.06.2024 466 Vill - 30.06.2025
(vi) Involvement of NGOs					
a)	MC, Nawanshahar	NGOs involved- 2 Gap-0	Further involment shall be done as per requirement	ULB	Regular Activity
b)	MC, Banga	NGOs involved-1 Gap-0	Further involment shall be done as per requirement	ULB	Regular Activity
c)	MC, Rahon	NGOs involved-1 Gap-0	Further involment shall be done as per requirement	ULB	Regular Activity
d)	MC, Balachaur	NGOs involved-0 Gap-100%	Involment shall be done as per requirement	ULB	31.06.2022
e)	Village Panchayat (Nos.)	NGOs involved-0 Gap-100%	Involment shall be done as per requirement	RDP	31.06.2022

(vii)	EPR of Producers: Linkage with Producers /Brand Owners				
a)	MC, Nawanshahar	Identification - 0 Linkage – 0 Gap-100%	The producers / Brand owners shall be pursued to submit the action plan for disposal of plastic waste under EPR.	ULB	Identification - 30.06.2022 Linkage - 31.12.2022
b)	MC, Banga	Identification - 0 Linkage – 0 Gap-100%	The producers / Brand owners shall be pursued to submit the action plan for disposal of plastic waste under EPR.	ULB	Identification - 30.06.2022 Linkage - 31.12.2022
c)	MC, Rahon	Identification - 0 Linkage – 0 Gap-100%	The producers / Brand owners shall be pursued to submit the action plan for disposal of plastic waste under EPR.	ULB	Identification - 30.06.2022 Linkage - 31.12.2022
d)	MC, Balachaur	Identification - 0 Linkage – 0 Gap-100%	The producers / Brand owners shall be pursued to submit the action plan for disposal of plastic waste under EPR.	ULB	Identification - 30.06.2022 Linkage - 31.12.2022
(viii)	Authorization of Waste Pickers				
a)	MC, Nawanshahar	Identified nos.- 11 Registered- 11 Gap-0	NA	ULB	Activity Completed
b)	MC, Banga	Identified nos.-12 Registered-12 Gap-0	NA	ULB	Activity Completed
c)	MC, Rahon	Identified nos.-4 Registered-4 Gap-0	NA	ULB	Activity Completed
d)	MC, Balachaur	Identified nos.-4 Registered-0 Gap-4	Registration shall be done	ULB	31.03.2022
e)	Village Panchayat (Nos.)	Identified nos.-466 Registered-0 Gap-466	Registration shall be done	RDP	31.03.2022
(ix)	Preparation of own by-laws to comply with SWM Rules 2016				
a)	MC, Nawanshahar	Prepared -1 Gap -0	Already prepared	ULB	Activity Completed
b)	MC, Banga	Prepared -1 Gap -0	Already prepared	ULB	Activity Completed
c)	MC, Rahon	Prepared -1 Gap -0	Already prepared	ULB	Activity Completed
d)	MC, Balachaur	Prepared -1 Gap -0	Already prepared	ULB	Activity Completed
e)	Village Panchayat (Nos.)	Prepared – 0 Gap – 100%	Bye-Laws to prepare	RDP	31.03.2022

(x)	Removal of garbage vulnerable points (GVPs)				
a)	MC, Nawanshahar	Identified-3 Removed-3 Gap-0	NA	ULB	Activity Completed
b)	MC, Banga	Identified-2 Removed-2 Gap-0	NA	ULB	Activity Completed
c)	MC, Rahon	Identified-1 Removed-1 Gap-0	NA	ULB	Activity Completed
d)	MC, Balachaur	Identified-0 Removed-0 Gap-0	NA	ULB	Activity Completed
(xi)	Provision of green belt and boundary wall around solid waste dumping site.				
a)	MC, Nawanshahar	Green Belt – Partial Boundary Wall - Partial	To Provide	ULB	Green Belt 31.03.2022 Boundary Wall - 30.06.2022
b)	MC, Banga	Green Belt – Partial Boundary Wall - Fence provided	To Provide	ULB	Green Belt 31.03.2022
c)	MC, Rahon	Green Belt – Partial Boundary Wall - Partial Fence	To Provide	ULB	Green Belt 31.03.2022 Boundary Wall - 30.06.2022
d)	MC, Balachaur	Green Belt – Partial Boundary Wall - Partial	To Provide	ULB	Green Belt 31.03.2022 Boundary Wall - 30.06.2022
(xii)	Providing Compartments and GPS tracking in garbage carrying vehicles				
a)	MC, Nawanshahar	Comp. Reqd-19 Provided-18 Gap-1 GPS Reqd.-11 Provided-11 Gap-0	Compartments to provide	ULB	31.03.2022
b)	MC, Banga	Comp. Reqd-55 Provided-55 Gap-0 GPS Reqd.- 4 Provided-4 Gap-0	NA	ULB	Activity Completed
c)	MC, Rahon	Comp. Reqd-20 Provided-19 Gap-1 GPS Reqd.- 5 Provided-4 Gap-1	Compartments to provide	ULB	31.03.2022
d)	MC, Balachaur	Comp. Reqd-23 Provided-22	Compartments to provide	ULB	31.03.2022

		Gap-1 GPS Reqd.- 3 Provided-2 Gap-1			
(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)				
a)	MC, Nawanshahar	Provided –0 Gap-100%	Lechate Management will be done	ULB	31.12.2024
b)	MC, Banga	Provided –0 Gap-100%	Lechate Management will be done	ULB	31.12.2024
c)	MC, Rahon	Provided –0 Gap-100%	Lechate Management will be done	ULB	31.12.2024
d)	MC, Balachaur	Provided –0 Gap-100%	Lechate Management will be done	ULB	31.12.2024
(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)				
a)	MC, Nawanshahar	Provided-1 Gap-0	Swachta App in service App: https://play.google.com/store/apps/details?id=com.ichangemycity.swac hhbharat	ULB	Activity Completed
b)	MC, Banga	Provided-1 Gap-0	Swachta App in service App: https://play.google.com/store/apps/details?id=com.ichangemycity.swac hhbharat	ULB	Activity Completed
c)	MC, Rahon	Provided-1 Gap-0	Swachta App in service App: https://play.google.com/store/apps/details?id=com.ichangemycity.swac hhbharat	ULB	Activity Completed
d)	MC, Balachaur	Provided-1 Gap-0	Swachta App in service App: https://play.google.com/store/apps/details?id=com.ichangemycity.swac hhbharat	ULB	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)				
a)	MC, Nawanshahar	Provided-0 Gap-4	To be installed	ULB	30.06.2022
b)	MC, Banga	Provided-0 Gap-4	To be installed	ULB	30.06.2022
c)	MC, Rahon	Provided-0 Gap-4	To be installed	ULB	30.06.2022

d)	MC, Balachaur	Provided-0 Gap-4	To be installed	ULB	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)				
a)	MC, Nawanshahar	Provided-0 Gap-100%	To be installed	ULB	31.03.2023
b)	MC, Banga	Provided-0 Gap-100%	To be installed	ULB	31.03.2023
c)	MC, Rahon	Provided-0 Gap-100%	To be installed	ULB	31.03.2023
d)	MC, Balachaur	Provided-0 Gap-100%	To be installed	ULB	31.03.2023
(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)				
a)	MC, Nawanshahar	Provided-0 Gap-100%	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.	ULB	For proposal submission – 31.12.2023 For installation – 31.03.2024
b)	MC, Banga	Provided-0 Gap-100%	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.	ULB	For proposal submission – 31.12.2023 For installation – 31.03.2024
c)	MC, Rahon	Provided-0 Gap-100%	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.	ULB	For proposal submission – 31.3.2023 For installation – 31.03.2024
d)	MC, Balachaur	Provided-0 Gap-100%	Proposal for utilization of carcass in a scientific manner is under	ULB	For proposal submission – 31.03.2023

			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.		For installation – 31.03.2024
e)	Village Panchayat (466 Nos.)	Provided-0 Gap-100%	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.	RDP	Action Plan – 31.03.2022 Completion – 31.03.2025
(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)					
a)	MC, Nawanshahar	Complied	NA	ULB	Regular Activity
b)	MC, Banga	Complied	NA	ULB	Regular Activity
c)	MC, Rahon	Complied	NA	ULB	Regular Activity
d)	MC, Balachaur	Complied	NA	ULB	Regular Activity
e)	Village Panchayat (466 Nos.)`	Complied	NA	RDP	Regular Activity
(xix) Management of waste water and solid waste by the unauthorized colonies / residential complex/commercial complex developed by Pvt. Colonizers.					
a)	MC, Nawanshahar	Un-auth. Identified-35 Gap- 0 Management - 0 Gap- 100%	To ensure that the un-authorized colonies to manage waste water and solid waste scientifically.	ULB	31.03.2023
b)	MC, Banga	Un-auth. Identified-28 Gap- 0 Management - 0 Gap- 100%	To ensure that the un-authorized colonies to manage waste water and solid waste scientifically.	ULB	31.03.2023
c)	MC, Rahon	Un-auth. Identified-13 Gap-0 Management - 0 Gap- 100%	To ensure that the un-authorized colonies to manage waste water and solid waste scientifically.	ULB	31.03.2023
d)	MC, Balachaur	Un-auth. Identified-10 Gap-0 Management - 0 Gap- 100%	To ensure that the un-authorized colonies to manage waste water and solid waste	ULB	31.03.2023

			scientifically.		
e)	Village Panchayat (Nos.)	Un-auth. Identified-0 Gap-100% Management - 0 Gap- 100%	The identification to be done. Implementation to be done	RDP/GLADA	identification - 30.06.2022
(xx)	To prepare proposal / scheme for management of solid waste in the villages either in cluster form or independently in individual villages	Achievement -0 Gap- 100%	Scheme shall be prepared	RDP	Preparation of Scheme - 31.12.2022
(xxi)	Information Education and Communication (IEC) activities in respect of solid waste.				
a)	MC, Nawanshahar	Provided-1 Gap-0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
b)	MC, Banga	Provided-1 Gap-0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
c)	MC, Rahon	Provided-1 Gap-0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
d)	MC, Balachaur	Provided-1 Gap-0	Motivators are enrolled for creating awareness through IEC activities.	ULB	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.	Provided-0 Gap-1	Proposal shall be prepared	RDP	31.12.2023

(xxiv)	Dry-Waste Management: Material Recovery for dry-waste fraction (RDF)				
a)	MC, Nawanshahar	Provided –1 Gap –0	NA	ULB	Activity Completed
b)	MC, Banga	Provided –1 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	Provided –1 Gap –0	NA	ULB	Activity Completed
d)	MC, Balachaur	Provided –1 Gap –0	NA	ULB	Activity Completed
(xxv)	Management of Horticulture Waste in MCs.				
a)	MC, Nawanshahar	Comp pits provided – 5 Gap – 0	NA	ULB	Activity Completed
b)	MC, Banga	Comp pits provided – 2 Gap –0	NA	ULB	Activity Completed
c)	MC, Rahon	Comp pits provided – 1 Gap – 1	To Provide composting	ULB	31.06.2022
d)	MC, Balachaur	Comp pits provided – 2 Gap – 0	NA	ULB	Activity 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/ day
1.	MC, Nawanshahar	0.2
2.	MC, Banga	0.1
3.	MC, Rahon	0.1
4.	MC, Balachaur	0.1
	Total	0.5

	Local Bodies	Estimated quantity of Plastic Waste Generated MT/day
1	Villages Panchayats (466 Nos)	12.01

(b) Identification of gaps and Action plan:

Sr.	Action points For villages / blocks / town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
1.	Door to Door collection of dry waste including Plastic Waste				
a)	MC, Nawanshahar	Achieved- 100% Gap-0	NA	ULB	Activity Completed
b)	MC, Banga	Achieved- 100% Gap-0	NA	ULB	Activity Completed
c)	MC, Rahon	Achieved- 100% Gap-0	NA	ULB	Activity Completed
d)	MC, Balachaur	Achieved- 100% Gap-0	NA	ULB	Activity Completed
e)	Village Panchayat (Nos.)	Achieved-128 Gap-338	To cover gap	RDP	31.06.2024
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility				
a)	MC, Nawanshahar	Achieved- 100% Gap-0	NA	ULB	Activity Completed
b)	MC, Banga	Achieved- 100% Gap-0	NA	ULB	Activity Completed
c)	MC, Rahon	Achieved- 100% Gap-0	NA	ULB	Activity Completed

d)	MC, Balachaur	Achieved- 100% Gap-0-	NA	ULB	Activity Completed
e)	Village Panchayat (Nos.)	Provided-338 Gap-128	To cover gap	RDP	30.06.2023
3. PW collection Centres					
a)	MC, Nawanshahar	Required- 0 Gap – 0	Available at MRF	ULB	Activity Completed
b)	MC, Banga	Required- 0 Gap – 0	Available at MRF	ULB	Activity Completed
c)	MC, Rahon	Required- 0 Gap – 0	Available at MRF	ULB	Activity Completed
d)	MC, Balachaur	Required- 0 Gap – 0	Available at MRF	ULB	Activity Completed
4. Awareness and education programs implementation					
a)	MC, Nawanshahar	Gap -0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
b)	MC, Banga	Gap -0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
c)	MC, Rahon	Gap -0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
d)	MC, Balachaur	Gap -0	Motivators are enrolled for creating awareness through IEC activities.	ULB	Regular Activity
5. Access to Plastic Waste Disposal Facilities					
a)	MC, Nawanshahar	Achieved-100% Gap-0	Disposed to M/S Shakti Plastic Company Mumbai	ULB	Activity Completed
b)	MC, Banga	Achieved-100% Gap-0	Disposed to M/S Shakti Plastic Company Mumbai	ULB	Activity Completed
c)	MC, Rahon	Achieved-100% Gap-0	Disposed to M/S Shakti Plastic Company Mumbai	ULB	Activity Completed
d)	MC, Balachaur	Achieved-100% Gap-0	Disposed to M/S Shakti Plastic Company Mumbai	ULB	Activity Completed
6.	Plastic Industry Registration. Total no. of plastic unit required registration. Total no. of plastic unit obtained registration. (Directions of Hon'ble NGT in EA no. 13/2019 dated	Total units – 2 Registered- 1 Gap - 1	NA	PPCB	31.12.2022

	08.01.2021)				
7.	Development and setting up of infrastructure for segregation, collection, storage, transportation, Processing, and disposal of Plastic Waste either on its own for by engaging agencies or producers. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)				
a)	MC, Nawanshahar	Adequacy-100% Gap-0	MRF Provided. The segregated waste is sold to authorized agencies	ULB	Activity Completed
b)	MC, Banga	Adequacy-100% Gap-0	MRF Provided. The segregated waste is sold to authorized agencies	ULB	Activity Completed
c)	MC, Rahon	Adequacy-100% Gap-0	MRF Provided. The segregated waste is sold to authorized agencies	ULB	Activity Completed
d)	MC, Balachaur	Adequacy-100% Gap-0	MRF Provided. The segregated waste is sold to authorized agencies	ULB	Activity Completed
8.	Framing of bye-laws incorporating the provisions of Plastic Waste Management Rules, 2016. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)				
a)	MC, Nawanshahar	Framed- Yes Gap-0	Already framed	ULB	Activity Completed
b)	MC, Banga	Framed- Yes Gap-0	Already framed	ULB	Activity Completed
c)	MC, Rahon	Framed- Yes Gap-0	Already framed	ULB	Activity Completed
d)	MC, Balachaur	Framed- Yes Gap-0	Already framed	ULB	Activity Completed
e)	Village Panchayat (Nos.)	Framed- 0 Gap-1	Yet to prepare	RDP	31.12.2022
9.	Set up, operationalize and co-ordinate for Plastic Waste management in Rural area.	Achieved-15 Gap-451	Remaining village to cover	RDP	30.06.2024

	(Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)				
10.	Ban on non-recyclable single use polythene bags. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	ULB initiated	Ban already imposed by the State Govt.	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)				
a)	MC, Nawanshar	Achieved-100% Gap-0	Lifted by M/s Shakti Plastic Co., Mumbai	ULB	Activity Completed
b)	MC, Banga	Achieved-100% Gap-0	Lifted by M/s Shakti Plastic Co., Mumbai & M/s MAX Co., Mohali	ULB	Activity Completed
c)	MC, Rahon	Achieved-100% Gap-0	Lifted by M/s Shakti Plastic Co., Mumbai	ULB	Activity Completed
d)	MC, Balachaur	Achieved-100% Gap-0	Lifted by M/s Shakti Plastic Co., Mumbai	ULB	Activity Completed
e)	Village Panchayat (Nos.)	Achieved-128 Gap-338	To channelize	RDP	30.06.2023

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)	Achieved- 100% Gap-0	Motivators are enrolled for creating awareness through IEC activities.	ULBs & RDP	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)	Achieved- 100% Gap-0	Motivators are enrolled for creating awareness through IEC activities.	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 dt. 08.01.2021)	Directions issued	NA	RDP	Activity Completed
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	Motivators are enrolled for creating awareness through IEC activities	All ULBs / DDPO	Regular Activity

16.	<p>To ensure proper plastic waste management, industries may be directed to explore the possibilities of use of such wastes in construction of roads. Further industries may also be directed to collaborate with different research institutes to explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)</p>	Initiated	<p>Instructions are being given to the industries regularly to explore the possibility of use of plastic waste in a scientific manner like in road construction etc. in consultation with research institutes.</p>	PPCB	Regular activity
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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/day (As per data from Municipal Corporations/Municipalities)	MC Nawanshahar – 0.5 MC Banga –0.1 MC Rahon –0.2 MC Balachaur –0.1 Total –0.9
Does the District has access to C&D waste recycling facility?	Yes

b. Identification of gaps and Action plan:

S. No.	Action points for blocks / town municipalities/ City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.				
a)	MC, Nawanshahar	Provided-1 Gap-0	Provided at dump site	ULB	Activity Completed
b)	MC, Banga	Provided -1 Gap-0	Provided at Back side of cremation ground	ULB	Activity Completed
c)	MC, Rahon	Provided -1 Gap-0	Provided at dump site	ULB	Activity Completed
d)	MC, Balachaur	Provided -1 Gap-0	Provided at dump site	ULB	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?				
a)	MC, Nawanshahar	No Gap	Fee is fixed	ULB	Activity Completed
b)	MC, Banga	No Gap	Fee is fixed	ULB	Activity Completed
c)	MC, Rahon	No Gap	Fee is fixed	ULB	Activity Completed
d)	MC, Balachaur	No Gap	Fee is fixed	ULB	Activity Completed
3.	C&D recycling Facility	Gap – 100%	Proposal to be prepared and then install	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 layer so road pavements, colony and rural roads				

a)	MC, Nawanshahar	Used-0 Gap-1	Proposal to be prepared by Department of Urban Development	ULB	implementation 31.03.2024
b)	MC, Banga	Used-0 Gap-1	Proposal to be prepared by Department of Urban Development	ULB	implementation 31.03.2024
c)	MC, Rahon	Used-0 Gap-1	Proposal to be prepared by Department of Urban Development	ULB	implementation 31.03.2024
d)	MC, Balachaur	Used-0 Gap-1	Proposal to be prepared by Department of Urban Development	ULB	implementation 31.03.2024
5.	IEC on C&D waste management	No Gap	NA	All ULB	Regular Activity

IV. Bio medical Waste Management

a. Current Status related to bio medical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	113
Total no. of non-bedded HCF	111
No. of HCFs authorized by SPCBs/PCCs	102
No of Common Biomedical Waste Treatment and Disposal Facilities(CBWTFs)	Nil
Capacity of CBWTFs	NA
No. of Deep burials for BMW if any	Nil
Quantity of bio medical waste generated per day	251.9 kg/day
Quantity of bio medical waste treated per day	251.19 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	Total HCFs identified (Bedded +non-bedded)= 237 HCFs once authorized by the PPCB = 237	Regular camps are being organized to pursue the HCFs to obtain/renew the authorization.	PPCB	Regular activity
2.	Adequacy of facilities to treat biomedical waste	No Gap. Adequate CBWTF installed in the District.	Not required	PPCB	Activity completed
3.	Tracking of BMW	No Gap. Bar code system is implemented by all HCFs and CBWTFs. No gap	Not required	PPCB	Activity completed
4.	Awareness and education of healthcare staff	No Gap Training has been organized for all stakeholders from time to time.	Not required	PPCB, CMO, HCFs	Regular activity

		One camp will be organized in a quarter.			
5.	Adequacy of Funds	No Gap	Pvt. HCFs – Adequate funds Govt. HCFs – Funds Adequate	CMO	Activity Completed
6.	Compliance to Rules by HCFs and CBWTFs	No gap, to check the compliance regular monitoring is being done.	BMW Rules, 2016 are complied with except provisions of ETPs cum STPs	PPCB, CMO, HCFs	Regular activity
7.	District Level Monitoring Committee	No gap	Meetings are taken almost on monthly basis by DEC	District Administration & PPCB	Regular activity
8.	Waste water Treatment	<ul style="list-style-type: none"> Total HCFs Required ETP=101 Total HCF install ETPs=4 	HCFs are being pursued to install the ETP. The meetings are being held with the association members.	CMO, HCFs PPCB	31.06.2022
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	No such generation of waste	Health department	NR

V. Hazardous Waste Management

a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No. of Industries generating HAZARDOUS WASTE	28
Quantity of HW in the district (MT/Annum)	2889.03
Quantity of Incinerable HW (MT/Annum)	415.33
Quantity of land-fillable HW(MT/Annum)	1858.30
Quantity of Recyclable/utilizable HW(MT/Annum)	615.40
Nos. of captive/common TSDF	0
Contaminated Sites or probable contaminated sites	0
Monitoring of ground water of common TSDF.	NA

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: 28 No. of authorized Industries: 20 	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	No gap.	The industries generating hazardous waste have already executed an agreement with TSDF and	PPCB	Regular activity

			authorized 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	No contaminated site	NA	CPCB & PPCB	NA

VI. E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	0.276
Collection centers established by ULBs in the District	0
Collection centers established by Producers or their PROs	0
No authorized E-Waste recyclers /Dismantler	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 / 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				
a)	MC, Nawanshahar	Collection point at MRF – 1 Collection points at other locations – 0	Collection points at various points to establish	ULBs	30.04.2022
b)	MC, Banga	Collection point at MRF – 1 Collection points at other locations – 0	Collection points at various points to establish	ULBs	30.04.2022
c)	MC, Rahon	Collection point at MRF – 1 Collection points at other locations – 0	Collection points at various points to establish	ULBs	30.04.2022
d)	MC, Balachaur	Collection point at MRF – 1 Collection points at other locations – 0	Collection points at various points to establish	ULBs	30.04.2022
3	Linkage among Stakeholders channelize-Waste				
a)	MC, Nawanshahar	Achievement-0 Gap-100%	Linkage among stakeholders is to be done.	ULBs	31.03.2023
b)	MC, Banga	Achievement-0 Gap-100%	Linkage among stakeholders is to be done.	ULBs	31.03.2023
c)	MC, Rahon	Achievement-0 Gap-100%	Linkage among stakeholders is to be done.	ULBs	31.03.2023
d)	MC, Balachaur	Achievement-0 Gap-100%	Linkage among stakeholders is to be done.	ULBs	31.03.2023

			be done.		
4	Regulation of Illegal E-Waste recycling /dismantling	Identification -0 Gap-100%	Surprise visits will be made to identify illegal e-waste recyclers / dismantlers	District Administration & PPCB	Identification-31.12.2022 Regulation-30.06.2023
5	Integration of informal sector	Identification -0 Gap-100%	Identification to be done	District Administration & PPCB	Identification -31.12.2023
6	Awareness and Education	Initiated	Special workshops and awareness campaigns through Producers 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	Being done	District Administration & PPCB	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)	Under verification	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)	Under verification	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)	Under verification	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)	No gap	Quarterly drive will be carried out checking of this activity.	District Administration/ PPCB	Regular activity
12.	Governance frame work for monitoring compliance. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	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 SBS Nagar.	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	No gap	Recognition and registration of workers involved in dismantling and recycling and industrial skill development activities for the workers involved in dismantling and	Labour Department	Regular Activity

	recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)		recycling will be done on regular basis		
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)				
a)	MC, Nawanshahar	Provided-1 Gap- 0	Provided at MRF	ULBs	Activity Completed
b)	MC, Banga	Provided-1 Gap- 0	Provided at MRF	ULBs	Activity Completed
c)	MC, Rahon	Provided-1 Gap- 0	Provided at MRF	ULBs	Activity Completed
d)	MC, Balachaur	Provided-1 Gap- 0	Provided at MRF	ULBs	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 : - Operated by Industry:	0 0
Number of manual monitoring Stations operated by SPCBs	1 no. at Mukandpur
Name of towns / cities which are failing to comply with national ambient air quality stations	0
No. of air pollution industries	220
No. of units installed APCD	159
Status of Air consent	<ul style="list-style-type: none"> Regular activity Total no. of industries requiring consent to operate under Air Act, 1981 Red = 20 Orange = 177 Green= 23 Total no. of units having valid consent as on 31.08.2021 Red = 17 Orange = 129 Green= 21 Timeline for grant of consents to the balance units not having valid consent. Red =31.03.2022 Orange = 30.06.2022 Green= 30.09.2022
Prominent air polluting sources	Industry, Road dust, transport, Burning of biomass & 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?	Ambient air quality is already being monitored. The annual average value of the year 2019 and 2020 is as under-	PPCB	Regular Activity	
		Year			PM ₁₀ (µg/m ³)
		2019			131.91
		2020			142.83
The data of said stations is being uploaded on official website of PPCB on regular basis. Web link: ppcb.gov.in/en/air-quality					
3.	Setting up of Continuous Ambient Air Quality Monitoring Station (CAAQMS)	At present, there is no proposal for installation of CAAQMS at District SBS Nagar 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 SBS Nagar does not falls in the list of non-attainment cities. Hence not applicable.	PPCB	Regular activity	
5.	Hotspots of air pollution in District	District SBS Nagar 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 from time to time. 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	No MC has proposed to procure mechanical sweeping machines as not required.	ULBs	NR
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 is carried out from time to time 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	31.12.2022
13.	Existing roads requiring re-carpeting	The re-carpeting is done as and when required.	MCs/NPs	Regular activity
14.	Public awareness campaign for control of vehicular emissions	The camps are being organized from time to time. 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	As per Scheme
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	Proposal for infrastructure will be prepared to promote CNG based autos/taxis. Also IEC activities will be carried out to create awareness in this regard.	DFSC	31.06.2022
20.	Control of open burning of biomass.	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 SBS Nagar as this district does	PPCB	Regular activity

		not falls in the list of non-attainment cities.		
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 SBS Nagar 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	NA	PPCB	NA
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. In order to manage the Agricultural Waste/Residue, In-Situ and Ex- Situ Machines are being given on subsidy to farmers , CHC Groups, Gram panchayats and Cooperative societies for incorporation of crop residue in the field and to take out the crop residue out of the field as biomass fuel. A total of 1540 machines are given on subsidy for the same including 219 machines in 2021-22.</p> <p>2. For awareness of farmers various IEC (Information, Education and Communication activities are being carried out. Various</p>	Agriculture department	Regular Activity.

		<p>activities are carried out as follows:-</p> <p>a. Farmer awareness camps:- A total of 90 village level camps 5 block level camps and two district level camps have been proposed in district.</p> <p>b. Wall paintings:- A total of 400 wall paintings has been done at various places in the district to spread the Awareness to stop stubble burning.</p> <p>c. School competitions :- A total of 15 school level competitions have been conducted for the Awareness to stop stubble burning</p> <p>d. Van Campaigning:- Two demonstration vans are running in the district to spread the Awareness to stop stubble burning.</p> <p>e. Demonstration plots:- A total of 15 demonstration plots will be done for the sowing of wheat by in situ management.</p> <p>• A ward to gram panchayat, CHC groups and individual farmers:- One gram panchayat from each block who will not burn any area of field will be awarded with Rs. 50000. One CHC group and one individual farmer from each block will also be awarded with Rs. 20000 and 10000 respectively.</p>		
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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	1 – Sutlej
Length of Coastline (if any)	NA
Nalas/ Drains/Creeks meeting Rivers	2
Lakes / Ponds	1345
Total Quantity of sewage from towns and cities in District	15 MLD
Quantity of industrial wastewater	9.2 MLD
Percentage of untreated sewage	40 %
Details of bore wells and number of permissions given for extraction of groundwater	-
Groundwater polluted areas if any	Toansa, Balachaur
Polluted river stretches if any	-

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	No water contamination hot spot.	PPCB	Regular activity
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	The sources are already identified and detail of the same is given in Sutlej Action Plan. The Web link of the same is https://ppcb.punjab.gov.in/en/action-plans	MC, DDPO & Department of urban development	Activity Completed
6.	Oil spill disaster management (for coastal districts)	NA	NA	NA
7.	Protection of flood plains	Flood protection works (Spurs, studs, revetments) are carried out before start of monsoon season to check berm erosion in riverside villages.	Drainage Department	Regular activity
8.	Rejuvenation of groundwater	Action plan for Rain water harvesting prepared by CGWA.	CGWA	Regular Activity
9.	Complaints redressal system	Mobile App / Online Complaints redressal system already developed. weblink: publicgrievancepcb.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	4
No. of Class-I towns and above	0
No. of Towns STPs installed	2
No. of Towns needing STPs	2- Rahon and Balachaur
No. of ULBs having partial underground sewerage network	4
No. of towns not having sewerage network	0
Total Quantity of Sewage generated in District from Class II cities and above	15 MLD

Quantity of treated sewage flowing into Rivers (directly or indirectly)	9 MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	6 MLD
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	9 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, Nawanshahar	Installed-1 Gap- 0	MC and PWSSB	Activity Completed
	MC, Banga	Installed-1 Gap-0	MC and PWSSB	Activity Completed
	MC, Rahon	Installed-0 Gap-100%	MC and PWSSB	30 June 2023
	MC, Balachaur	Installed-0 Gap-100%	MC and PWSSB	30 June 2023
2	Underground sewerage network			
	MC, Nawanshahar	% Sewer network-70% Gap-30%	MC and PWSSB	31 Dec 2022
	MC, Banga	% Sewer network-95% Gap-5%	MC and PWSSB	31 Dec 2022
	MC, Rahon	% Sewer network-50% Gap-50%	MC and PWSSB	31 Dec 2022
	MC, Balachaur	% Sewer network-50% Gap-50%	MC and PWSSB	31 Dec 2022
3.	Setting up of real time water quality monitoring system to monitor the quality of water	Not install	PPCB	Not required yet

4.	Operation and Maintenance of STPs (i) Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner	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	To be provided	MC /NP & PWSSB	Proposal - 31.03.2022 Implementation- 31.06.2022
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	Total villages – 8 Completed – 1 Under Process - 7	RDP/ EE, Panchayati Raj	30.09.2022
	(ii) Arrangement of Funds for treatment technology in various villages identified in the Action Plan	Funds to be arranged	DDPO & Xen Panchayati Raj	31.12.2023
	(iii) Reuse of water for agriculture purpose in villages.	Preparation of Irrigation Plan	DDPO, Soil conservation department & Xen Panchayati Raj.	Scheme preparation - 31.12.2024
	(iv) Proper operation and maintenance of treatment facilities installed in village ponds	Operational scheme to prepare and to implement	DDPO & Xen Panchayati Raj	Operational scheme preparation - 31.12.2022 implementation 31.12.2023

6.	(i)Checking of health indices of the in-habitants& maintain database.	No Gap	The Department of Health and Family Welfare	Regular Activity
	(ii)Holding awareness camps in the catchment area of River Sutlej to make the public aware regarding water borne diseases			
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)	No. of Units – 28 STP Provided – 6 Gap – 18	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)	Being implemented as per guidelines framed by CPCB	PPCB	31.12.2022
11.	The local authorities/corporations should carry out inventory of the dairy	Inventorization – 0 Gap – 100%	MCs/NPs	30.06.2022

	farms and gaushalas. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)			
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.	MCs/NPs	31.03.2022
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)	The Committee to be constituted	District Administration	31.03.2022
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 & RDP	Regular activity
15.	All Overexploited, Critical & Sensitive (OCS) assessment units must undergo water mapping. (Directions of Hon'ble NGT in OA no.	Water mapping of all the OCS assessment units has been carried out as per the guidelines of GOI as per GEC-2015 Methodology by	Water Resources	Activity Completed

	176/2015 dated 20.07.2020)	taking Block as a Unit of Assessment. The data of years 2015-19 has been taken for assessing the same recently.		
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)	Water Management Plan to be prepared.	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 involvement. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Noted for compliance and will be assured.	CGWB	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)	Achieved -75 Gap- 391	RDP	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 runoff of rivers / canals to rainfall season to recharge old water bodies and to retain water in new ponds.	Irrigation / Drainage department / Local Bodies	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 m ³ /day for getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Identification of entities shall be carried out and action shall be completed	MCs/NPs	Identification - 31.03.2022 Implementation for treatment of waste water- 31.12.2022
23.	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)	NA	PWSSB	Activity Completed

24.	Control of illegal extraction of groundwater. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	No Allowed	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- HO	31.03.2022
28.	Enhancement of capacity of existing ponds/ water bodies and creating of new water harvesting structures.	To enhance the capacity	RDP	31.12.2025
29.	Usage of treated sewage for sprinkling purposes for sweeping of roads to control dust pollution.	Utilized	MC/NP	Regular Activity
30.	Mapping of the rivers and flood plain zones in the catchment area of rivers of the State.	NA	Drainage Department	Completed
31.	Utilization of STPs sludge	Utilized as manure	MC /NP	Regular Activity
32.	Framing policy for the	State Level Policy matter and time target for framing policy	RDP	Policy framing 30.04.2022

	management of highly contaminated Feecal sludge generated from the rural areas.	will be informed after taking up matter at Higher Level		Implementation - 30.04.2025
33.	Reuse of treated effluent through existing STPs (OA no. 496/2016 dated 22.01.2021)	Preparation of irrigation plan	Department of Soil conservation & ULBs/ PWS SB	30.06.2022
34.	Reuse of treated effluent through proposed STPs (New STPs) (OA no. 496/2016 dated 22.01.2021)	Preparation of irrigation plan	Department of Soil conservation, ULBs/ PWSS B	30.06.2023
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.	Installed at Nawanshahr & Banga STP at Rahon & Balachaur not installed yet.	MC / NP & PWSSB	Activity Completed for Nawanshahr & Banga. The activities for Rahon and Balachaur shall be completed after installation STP after 30.06.2023.
36.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated sewage.	For Balachaur & Rahon to be installed	MCs/NPs	31.12.2022

5.0 Industrial waste water management

a. Current Status related to Industrial Wastewater Management

Number of Red, Orange, Green and White industries in the District	Red Category unit = 21 Orange Category unit = 134 Green Category unit = 24
No of Industries discharging wastewater	24
Status of Water Consent	<ul style="list-style-type: none"> Regular activity Total no. of industries requiring consent to operate under Water Act, 1974 Red = 21 Orange = 125 Green = 23 Total no. of units having valid consent as on 31.08.2021 Red = 19 Orange = 87 Green = 22 Timeline for grant of consents to the balance units not having valid consent. Red = 31.03.2022 Orange = 30.06.2022 Green = 30.09.2022
Total Quantity of industrial wastewater generated	14.59 MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	0.4 MLD
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 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 portal already developed. Web link: publicgrievancepb.gov.in	PPCB	Activity completed
3.	Installation of Electromagnetic flow meters at inlet and outlet of ETP.	Large Scale industries have installed.	PPCB	Activity completed for large scale
4.	Inspection of units to check compliance	Inspections are being carried out as per requirements	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	Sand Mining
No of licenced Mining operations in the District	3
% Area covered under mining in the District	0.211%
Area of Sand Mining	267.22 hc

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	If any illegal mining comes in notice of department, immediate action is taken by officials by lodging FIR's	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	Revenue 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 Management Guidelines, 2016. (Directions of Hon'ble NGT in OA no. 360/2015)	Provisions are being followed	Department of water resources	Regular Activity

	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	Department of water resources	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	Department of water resources	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	Department of water resources	Regular activity
9.	Status of a detailed restoration plan for the concerned river and its river beds. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	N.G.T orders are being followed	Department of water resources	Regular activity
10.	Status of CCTV Cameras installation at mining points to verify the amount of sand extracted. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Letter written to contractor by this Division to install CCTV Cameras.	Department of water resources	31.12.2021
11.	Status of regular patrolling by the police to inspect the mining operations. (Directions of Hon'ble NGT in OA no. 360/2015 dated	Being Carried out	Police Department	Regular activity

	26.02.2021)			
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)	Being Carried out	Police Department & Drainage Department & Flying squad teams	Regular Activity
13.	Status of vehicles confiscation. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Being Carried out	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'bleNGT in OA no. 360/2015 dated 26.02.2021)	N.G.T orders are being followed	Department of water resources	Regular activity
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)	N.G.T orders are being followed	Department of water resources	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)	FOR surveillance through UAVs/Remote Sensing relates to Head Office i.e Water Resources Department, Punjab Chandigarh	Department of water resources	Date not yet decided by the Department.
17.	Sensitive spots need to be identified and police presence- both static presence and dynamic	Under Verification.	Police Department	Regular Activity

	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)			
18.	Storage Go downs should be at least 5 kms away from the river bank. Otherwise, illegal mining can be carried on under the garb of storage by the leaseholder himself.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Provisions are being followed	Department of water resources	Regular Activity
19.	Geo-fencing of sites, their physical demarcation, allotment of geo-coordinates to all the pillars and their constant physical inspection and electronic surveillance is a must 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)	Partial compliance Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021 FOR surveillance through UAVs/Remote Sensing relates to Head Office i.e Water Resources Department, Punjab Chandigarh. Provisions are being followed	Department of water resources	Date not yet decided by the Department.
20.	There has to be a mechanism to ensure that the actual mining activity conforms to the approved Mining Plan and the approved Environment Management Plan (EMP). Besides the statutory system of Departmental inspections, there has to be a system of annual mandatory Environmental Audit by experts. Environment Department can empanel some experts/expert institutions with standard TORs and Remuneration terms which could be utilized by the Mines Department on a regular basis.(Directions of Hon'ble NGT in OA no.	N.G.T orders are being followed	Department of water resources	Regular Activity

	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 21 with standard terms for preparing environmental restoration plans which could be used directly by the Mining Department without the arduous formalities.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Provisions will be followed	Department of water resources	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)	N.G.T orders are being followed	Department of water resources	Regular Activity
23.	Annual reports on the subject and such annual reports may be furnished to MoEF& CC by 30th April every year giving status till 31st March. First such report as on 31.03.2022 may be filed with the MoEF&CC by all the States/UTs on or before 30.04.2022.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Annual report as on 31.03.2022 shall be filed with the MoEF&CC on or before 30.04.2022.	Department of Punjab Pollution Control board.	30.04.2022

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	No of analyzer available = 1

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.	Available - 1 Required - 19 Gap -18	PPCB& Police Department	30.06.2022
2.	Ambient Noise Level monitoring.	Installed – 0 Gap – 100%	PPCB	30.06.2022
3.	Sign boards in Noise zones	Provided	ULBs	Activity Completed
4.	Complaint redressing system	Public complaint redressal system already established in the district. Web link: publicgrievancepb.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	Nodal Officer Name	Designation	Mobile no.	Email Id
1.	District Administration	Sh. Harbir Singh, IAS	ADC, UD	98140-66550	adcudsbsnagar@gmail.com lfa.dcoffice@gmail.com
2.	Police Department	Smt. Kanwardeep Kaur, IPS	SSP	98154-73255	dpo.nsr.police@punjab.gov.in ssp.nsr.police@punjab.gov.in sdcnsr@gmail.com
3.	Punjab Pollution Control Board, Regional Office, Hoshiarpur	Sh. Shiv Kumar	EE	98789-50539	eeppcbhoshiarpur@gmail.com
4.	Regional Transport Authority, SBS Nagar	Sh. Sukhwinder Singh Brar	Secretary, RTA	91156-55111	dtohoshiarpur07@gmail.com
5.	District Development and Panchayat Office, SBS Nagar	Sh. Davinder Kumar	DDPO	98760-17350	ddpo.sbsnagar@gmail.com
6.	Department of Soil & Water Conservation	Sh. Udham Singh	DSCO	89266-70000	dsconsr@gmail.com

7.	Department of Water Resources & Drainage,	Sh. Gurtej Singh Garcha (jld)	XEN	98146-72476	xenphagwaradrainage@gmail.com
8.	PWD (B&R)	Sh. Rajinder	XEN	98142-80464	eepwdnsr99@gmail.com
9.	Punjab Water Supply & Sewerage Board, SBS Nagar	Sh. Ashish Rai	XEN	98159-85242	eewss.divsbhagatsnagarpb@yahoo.com
10.	Agriculture Department, SBS Nagar	Dr. Raj Kumar	CAO	98154-16410	cao.nawansahar@punjabmail.gov.in
11.	Forest Department, SBS Nagar	Divisional Forest Officer, Nawanshahr	DFO	01884-282031	dfogsr@gmail.com
12.	District Food & Civil Supply Officer, DFSC, SBS Nagar	Smt. Madhu	DFSC	98781-86876	pungrainsbsnagar1823@gmail.com
13.	Education Department, SBS Nagar	Sh. Jarnail Singh (ele. / Sec.)	DEO	98147-63764	deose.sbsnagar@punjabeducation.gov.in deoe.sbsnagar@punjabeducation.gov.in deo.ee.nsr@punjab.gov.in deo.sbsn@punjab.gov.in
14.	Health Department, SBS Nagar	Dr. Inder Mohan Gupta	CMO	98728-42563	csnsr2@gmail.com

15.	Labour Department SBS Nagar	Sh. Randeep Singh	Labour Inspector	79867- 25467	leo.nawanshahr1@ gmail.com
16.	Director of Factories SBS Nagar	Sh. Jagjit Singh	Director	96468- 71808	adfhspsbs@gmail.c om
17.	Punjab Small scale industrial & Export Corporation (PSIEC)	Sh. Simrat Singh	Xen	98764- 75238	xen.ivpsiec2019@g mail.com
