

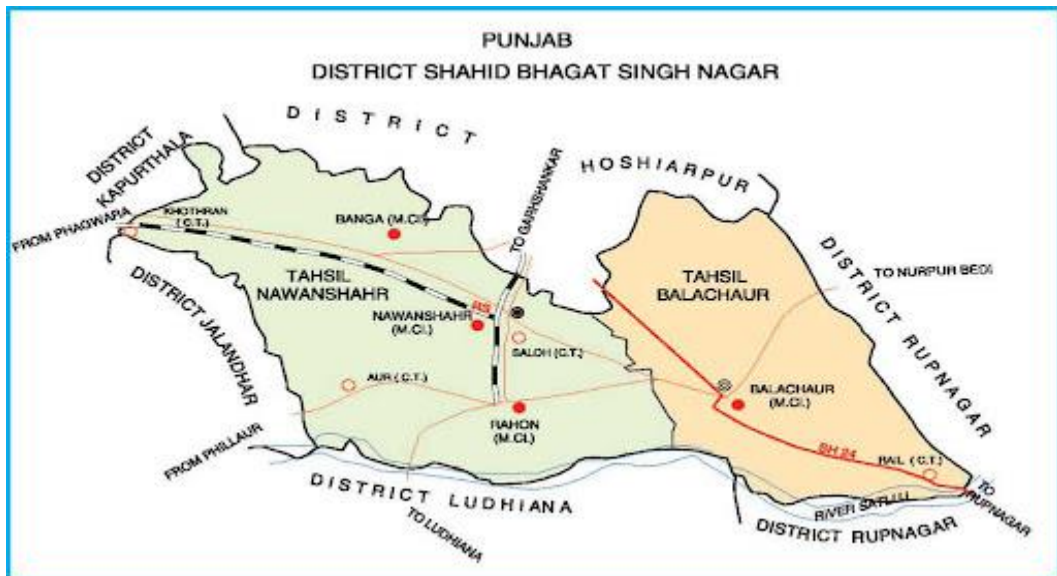
DISTRICT ENVIRONMENT PLAN

Revised Plan 2023

Revised as per Hon'ble NGT Monitoring Committee decisions dated 28.03.2022
issued vide letter no. CMC/2022/858 dated 29.03.2022

FOR
SHAHEED BHAGAT SINGH NAGAR

PUNJAB STATE



Office of District Administration

Deputy Commissioner, Shaheed Bhagat Singh Nagar

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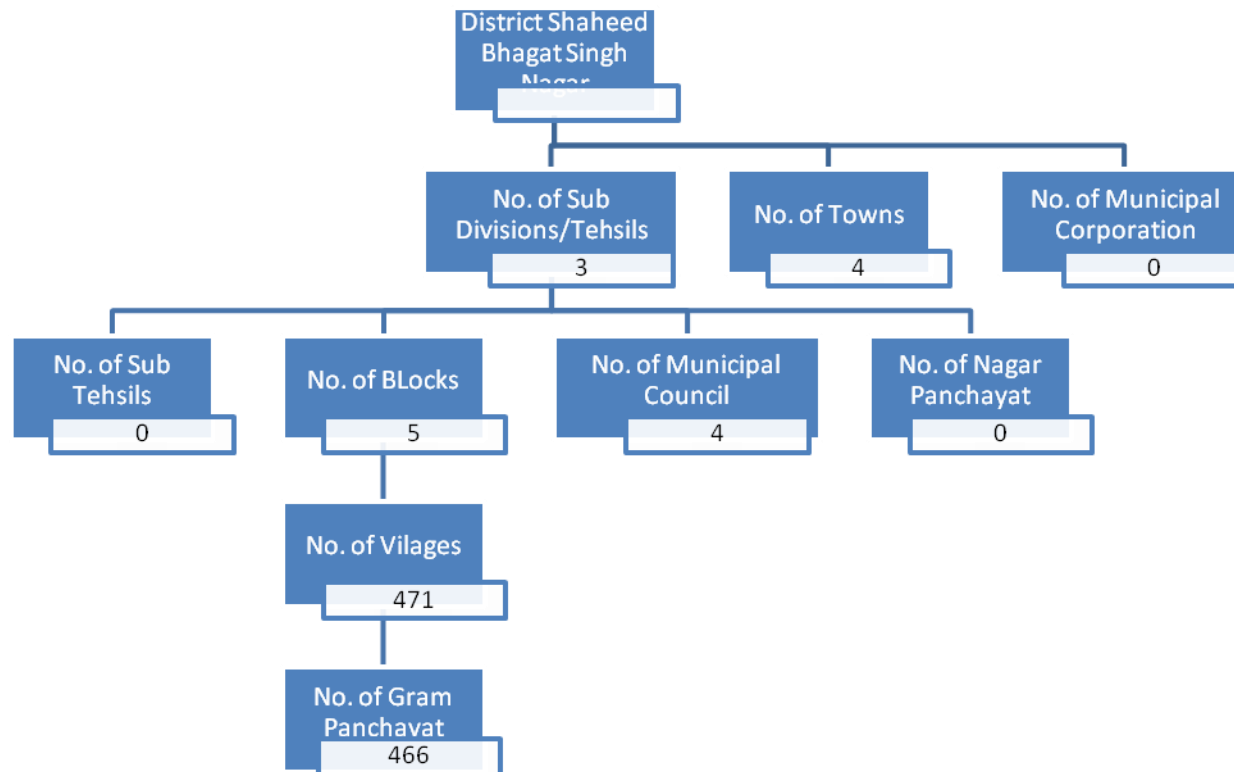
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1.0 DISTRICT PROFILE

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

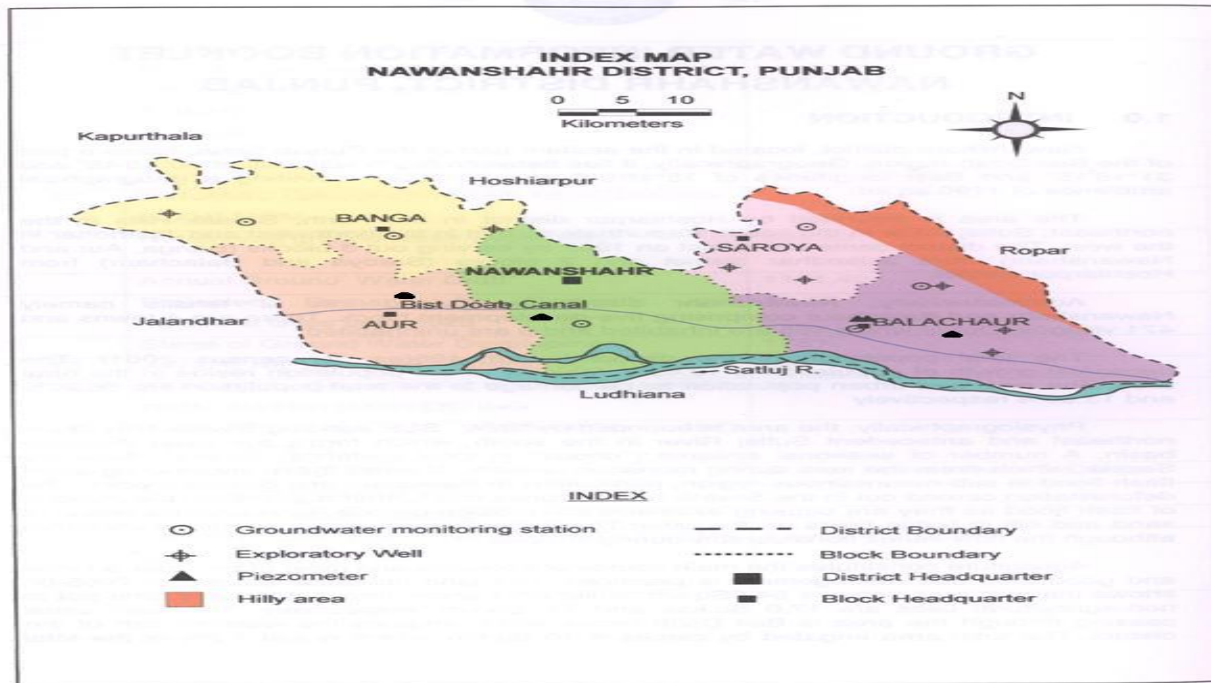
Water Bodies:

- **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/km2 | 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 millimeters (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.No. | Action points For villages / blocks / town municipalities / City corporations | Identification of gap | Action Plan | Responsible agencies | Timeline for completion of action plan |
|--------|---|-----------------------|-------------|----------------------|--|
| 1 | Segregation | | | | |

| | | | | | |
|-------|-----------------|------------------------------|---|-----------------|--|
| (I) | MC, 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 compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers | E.O. Nawanshahr | Old - 31.12.2022 Revised- 31.12.2023 |
| (II) | MC, Banga | 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 compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers | E.O. Banga | Old - 31.12.2022 Revised- 31.12.2023 |
| (III) | MC, Rahon | 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 compartmentlied rehris to the workers. ✓ By imparting to the waste collected workers | E.O. Rahon | Old - 31.12.2022 Revised- 31.12.2023 |
| (IV) | MC, Balachaur | Achievement-80% Gap –20% | 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 compartmentlied rehris to the workers. | E.O. Balachaur | Old - 31.12.2022 Revised- 31.12.2023 |

| | | | | | |
|-------------|--|-------------------------------|---|----------------|------------------|
| | | | ✓ By imparting to the waste collected workers | | |
| (V) | Villages of District SBS Nagar (466) | Achievement - 128 Gap -338 | To cover the gap | RDP | 31.12.2023 |
| 2 | Sweeping | | | | |
| (i) | Manual Sweeping | | | | |
| a) | MC, Nawanshahr | 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 | 31.12.2023 |
| (ii) | Mechanical Road Sweeping & Collection | | | | |
| a) | MC, Nawanshahr | 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 | 31.03.2024 |
| (ii) | Arrangement for door to door collection | | | | |
| a) | MC, Nawanshahar | Provided Vehicles- 24 • Tractor- 3 • Tata Ace- 6 • Rickshaw- 15 Required | To maintain 100% D to D by ULBs | ULBs | Regular activity |

| | | | | | |
|----|-------------------------------------|--|---------------------------------|------|------------------|
| | | Vehicles- 2 | | | |
| 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 –0 | 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 | 31.12.2023 |
| 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 –0 | Review shall be carried out for existing and required infrastructure | ULB | Activity Completed |
| b) | MC, Banga | Required –1 Gap –1 | Review shall be carried out for existing and required infrastructure | ULB | Old - 31.12.2022 Revised- 31.12.2023 |
| c) | MC, Rahon | Required –1 Gap –0 | Review shall be carried out for existing and required infrastructure | ULB | Activity Completed |
| d) | MC, Balachaur | Required –1 Gap –1 | Review shall be carried out for existing and required infrastructure | ULB | Old - 31.12.2022 Revised- 31.12.2023 |
| (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 | Old – Regular Activity Revised- To make necessary agreement with BWG with suitable users charges 31.12.2023 |
| b) | MC, Banga | No. of BWG- 2 C.P. Available –4 | New BWG shall be identified | ULB | Old – Regular Activity Revised- To make necessary |

| | | | | | |
|-------------|---|--|---|-----|--|
| | | Gap –0 | | | agreement with BWG with suitable users charges 31.12.2023 |
| c) | MC, Rahon | No. of BWG- 2 C.P. Available –2 Gap –0 | New BWG shall be identified | ULB | Old – Regular Activity Revised- To make necessary agreement with BWG with suitable users charges 31.12.2023 |
| d) | MC, Balachaur | No. of BWG- 4 C.P. Available –4 Gap –0 | New BWG shall be identified | ULB | Old – Regular Activity Revised- To make necessary agreement with BWG with suitable users charges 31.12.2023 |
| 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 – 31.03.2024 Implementation – 150 villages – 31.03.2024 300 Villages – 31.03.2024 466 villages – 31.03.2024 |
| (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 | 31.12.2023 |
| (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 | 31.12.2023 |
| (iv) | Disposal of inert and non-recyclable wastes: Sanitary Landfill | | | | |
| a) | MC, Nawanshahar | Required -1 Gap -1 | Preparation of site | ULB | Old- 31.03.2023 Revised- 31.03.2024 |
| b) | MC, Banga | Required -1 Gap -1 | Preparation of site | ULB | Old- 31.03.2023 Revised- |

| | | | | | |
|------------|--|--|---|-----|--|
| | | | | | 31.03.2024 |
| c) | MC, Rahon | Required –1 Gap –1 | Preparation of site | ULB | Old- 31.03.2023 Revised- 31.03.2024 |
| d) | MC, Balachaur | Required –1 Gap –1 | Preparation of site | ULB | Old- 31.03.2023 Revised- 31.03.2024 |
| e) | Village Panchayat (466 Nos.) | Required to cover all villages Gap – 100% | Preparation of Action Plan & then implementation | RDP | Preparation of action plan – 31.12.2023 Commissioning – 30.06.2025 |
| (v) | Remediation of historic / legacy dumpsite | | | | |
| a) | MC, Nawanshahar | <ul style="list-style-type: none"> • Total legacy waste = 28800 MT • Waste remediated = 17120 MT • Balance = 11680 MT | Mechanical separation shall be carried out. Additional Mechanical separator shall be purchased. | ULB | Old Remediation - 31.12.2023 Revised for complete remediation – 31.12.2024 |
| b) | MC, Banga | <ul style="list-style-type: none"> • Total legacy waste = 9500 MT • Waste remediated = 3440 MT • Balance = 6060 MT | Mechanical separation shall be carried out. Additional Mechanical separator shall be purchased. | ULB | Old Remediation - 31.12.2023 Revised for complete remediation – 31.12.2024 |
| c) | MC, Rahon | <ul style="list-style-type: none"> • Total legacy waste = 1200 MT | Mechanical separation shall be carried out. | ULB | Old Remediation - 31.12.2023 Revised for |

| | | | | | |
|-------------|------------------------------|---|--|-----|---|
| | | <ul style="list-style-type: none"> • Waste remediated = 1075 MT • Balance = 125 MT | | | complete remediation – 31.12.2023 |
| d) | MC, Balachaur | <ul style="list-style-type: none"> • Total legacy waste = 8500 MT • Waste remediated = 4500 MT • Balance = 4000 MT | Mechanical separation shall be carried out. | ULB | Old Remediation - 31.12.2023 Revised for complete 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 involvement shall be done as per requirement | ULB | Regular Activity |
| b) | MC, Banga | NGOs involved-1 Gap-0 | Further involvement shall be done as per requirement | ULB | Regular Activity |
| c) | MC, Rahon | NGOs involved-1 Gap-0 | Further involvement shall be done as per requirement | ULB | Regular Activity |
| d) | MC, Balachaur | NGOs involved-0 | Involvement shall be done as per requirement | ULB | 31.12.2023 |

| | | | | | |
|---------------|---|--|--|-----|---|
| | | Gap-100% | | | |
| e) | Village Panchayat (Nos.) | NGOs involved-0 Gap-100% | Involvement shall be done as per requirement | RDP | 31.12.2023 |
| (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 - 31.12.2023 |
| 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 - 31.12.2023 |
| 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 - 31.12.2023 |
| 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 - 31.12.2023 |
| (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-0 | Registration shall be done | ULB | Activity Completed |
| e) | Village Panchayat (Nos.) | Identified nos.-466 Registered-0 Gap-466 | Registration shall be done | RDP | 30.06.2024 |
| (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 | 30.06.2024 |
| (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-4 Removed-4 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 | Old - Green Belt 31.03.2022 Boundary Wall - 30.06.2022 Revised – 31.03.2024 |
| b) | MC, Banga | Green Belt – Partial Boundary Wall - Fence provided | To Provide | ULB | Activity Completed |
| c) | MC, Rahon | Green Belt – Partial Boundary Wall - Partial Fence | To Provide | ULB | Old – Green Belt 31.03.2022 Boundary Wall - 30.06.2022 Revised – 31.03.2024 |
| d) | MC, Balachaur | Green Belt – Partial Boundary Wall - Partial | To Provide | ULB | Old – Green Belt 31.03.2022 Boundary Wall - 30.06.2022 Revised – 31.12.2024 |
| (xii) | Providing Compartments and GPS tracking in garbage carrying vehicles | | | | |
| a) | MC, Nawanshahar | Comp. Reqd-19 Provided-19 Gap-0 GPS Reqd.-11 Provided-11 Gap-0 | Compartments to provide | ULB | Activity Completed |

| | | | | | |
|---------------|---|--|---------------------------------|-----|---|
| 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 | 31.12.2023 |
| d) | MC, Balachaur | Comp. Reqd-23 Provided-22 Gap-1 GPS Reqd.- 3 Provided-2 Gap-1 | Compartments to provide | ULB | 31.12.2023 |
| (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 | Old -31.12.2024 Revised – 30.06.2025 |
| b) | MC, Banga | Provided –0 Gap-100% | Lechate Management will be done | ULB | Old -31.12.2024 Revised – 30.06.2025 |
| c) | MC, Rahon | Provided –0 Gap-100% | Lechate Management will be done | ULB | Old -31.12.2024 Revised – 30.06.2025 |
| d) | MC, Balachaur | Provided –0 Gap-100% | Lechate Management will be done | ULB | Old -31.12.2024 Revised – 30.06.2025 |

| | | | | | |
|--------------|---|---------------------|---|-----|--------------------|
| (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.swachhbharat | 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.swachhbharat | 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.swachhbharat | 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.swachhbharat | 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-4 Gap-0 | To be installed | ULB | Activity Completed |
| b) | MC, Banga | Provided-2 Gap-0 | To be installed | ULB | Activity Completed |
| c) | MC, Rahon | Provided-4 Gap-0 | To be installed | ULB | Activity Completed |
| d) | MC, Balachaur | Provided-4 Gap-0 | To be installed | ULB | Activity Completed |

| | | | | | |
|--------|--|------------------------|---|-----|--|
| (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-1 Gap-0 | To be installed | ULB | Activity Completed |
| b) | MC, Banga | Provided-0 Gap-100% | To be installed | ULB | Old - 31.03.2023 Revised - 31.03.2024 |
| c) | MC, Rahon | Provided-0 Gap-100% | To be installed | ULB | Old - 31.03.2023 Revised - 31.03.2024 |
| d) | MC, Balachaur | Provided-0 Gap-100% | To be installed | ULB | Old - 31.03.2023 Revised - 31.03.2024 |
| (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 | Old – For proposal submission – 31.12.2023 For installation – 31.03.2024 Revised – For proposal 30.09.2024 |
| 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 | ULB | Old – For proposal submission – 31.12.2023 For installation – |

| | | | | | |
|----|------------------------------------|------------------------|---|-----|---|
| | | | the area by 31.03.2022. | | 31.03.2024 Revised – For proposal 30.09.2024 |
| 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 | Old – For proposal submission – 31.12.2023 For installation – 31.03.2024 Revised – For proposal 30.09.2024 |
| d) | MC, Balachaur | 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 | Old – For proposal submission – 31.12.2023 For installation – 31.03.2024 Revised – For proposal 30.09.2024 |
| 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 | Old - 31.03.2023 Revised – Glada shall install waste water treatment plant and solid waste management plants for unauthorized colonies/residential and commercial complexes by 31.03.2024 |
| 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 | Old - 31.03.2023 Revised – Glada shall install waste water treatment plant and solid waste management plants |

| | | | | | |
|----|--------------------------|--|---|-----------|--|
| | | | | | for unauthorized colonies/residential and commercial complexes by 31.03.2024 |
| 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 | Old - 31.03.2023 Revised – Glada shall install waste water treatment plant and solid waste management plants for unauthorized colonies/residential and commercial complexes by 31.03.2024 |
| 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 scientifically. | ULB | Old - 31.03.2023 Revised – Glada shall install waste water treatment plant and solid waste management plants for unauthorized colonies/residential and commercial complexes by 31.03.2024 |
| 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 - 30.06.2024 |

| | | | | | |
|---------------|--|-----------------------------|--|------------------|-----------------------------------|
| (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 -30.06.2024 |
| (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, | No gap | Constituted by the State Government. | State Government | Activity completed |

| | | | | | |
|----------------|---|-----------------------------------|----------------------------|-----|--------------------|
| | 12 & 15 of SWM Rules, 2016. | | | | |
| (xxiii) | Management of carcass in rural area. | Provided-0 Gap-1 | Proposal shall be prepared | RDP | 31.03.2024 |
| (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 | 31.03.2024 |
| 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 | Old – Activity Completed Revised – |

| | | | | | |
|-----------|--|--------------------------|------------------|-----|--|
| | | | | | 31.12.2023 |
| b) | MC, Banga | Achieved- 100% Gap-0 | NA | ULB | Old – Activity Completed Revised – 31.12.2023 |
| c) | MC, Rahon | Achieved- 100% Gap-0 | NA | ULB | Old – Activity Completed Revised – 31.12.2023 |
| d) | MC, Balachaur | Achieved- 100% Gap-0 | NA | ULB | Old – Activity Completed Revised – 31.12.2023 |
| 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 | 31.03.2024 |
| 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 08.01.2021) | Total units – 2 Registered- 1 Gap - 1 | NA | PPCB | 30.06.2024 |
| 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 | ULB | Activity Completed |

| | | | | | |
|------------|---|------------------------|--|-------------|--------------------|
| | | | agencies | | |
| 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 | 30.06.2024 |
| 9. | 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) | Achieved-15 Gap-451 | Remaining village to cover | RDP | 30.06.2024 |
| 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, Nawanshahar | 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 | 31.03.2024 |
| 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. | To ensure proper plastic waste management, industries may be directed to explore the possibilities of | Initiated | Instructions are being given to the industries regularly to explore the possibility of use of plastic waste in a scientific | PPCB | Regular activity |

| | | | | |
|--|--|--|--|--|
| <p>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> | | <p>manner like in road construction etc. in consultation with research institutes.</p> | | |
|--|--|--|--|--|

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 | Old – Activity Completed Revised – 31.12.2023 |
| b) | MC, Banga | Provided -1 Gap-0 | Provided at Back side of cremation ground | ULB | Old – Activity Completed Revised – 31.12.2023 |
| c) | MC, Rahon | Provided -1 Gap-0 | Provided at dump site | ULB | Old – Activity Completed Revised – 31.12.2023 |

| | | | | | |
|-----------|--|----------------------|--|----------|---|
| d) | MC, Balachaur | Provided -1 Gap-0 | Provided at dump site | ULB | Old – Activity Completed Revised – 31.12.2023 |
| 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 | ULB | implementation 31.03.2024 |

| | | | | | |
|----|-----------------------------|--------------|--|---------|---------------------------|
| | | | Department of Urban Development | | |
| 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. One camp will be organized in a quarter. | Not required | PPCB, CMO, HCFs | Regular activity |
| 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 | Old - 31.06.2022 Revised – Before 31.12.2023 |
| 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 | Regular camps are being organized to pursue the industries to | PPCB | Regular activity |

| | | | | | |
|----|---------------|--|--|------|------------------|
| | | <p>identified and inventorized.</p> <ul style="list-style-type: none"> • No. of HW generating units: 28 • No. of authorized Industries: 20 | <p>obtain the authorization.</p> <p>Also, new hazardous waste generating industries are being identified after making field visits.</p> | | |
| 2. | Establishment | No gap. | <p>The industries generating hazardous waste have already executed an agreement with TSDf and 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</p> | PPCB | Regular activity |

| | | | | | |
|----|---|----------------------|--|-----------------------------------|------------------|
| 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 | 31.12.2023 |
| 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 | Old - 30.04.2022 Revised – 31.12.2023 |
| b) | MC, Banga | Collection point at MRF – 1 Collection points at other locations – 0 | Collection points at various points to establish | ULBs | Old - 30.04.2022 Revised – 31.12.2023 |
| c) | MC, Rahon | Collection point at MRF – 1 | Collection points at various points to | ULBs | Old - 30.04.2022 Revised – |

| | | | | | |
|----------|--|---|--|--------------------------------|--|
| | | Collection points at other locations – 0 | establish | | 31.12.2023 |
| d) | MC, Balachaur | Collection point at MRF – 1 Collection points at other locations – 0 | Collection points at various points to establish | ULBs | Old - 30.04.2022 Revised – 31.12.2023 |
| 3 | Linkage among Stakeholders channelize-Waste | | | | |
| a) | MC, Nawanshahar | Achievement-0 Gap-100% | Linkage among stakeholders is to be done. | ULBs | 31.03.2024 |
| b) | MC, Banga | Achievement-0 Gap-100% | Linkage among stakeholders is to be done. | ULBs | 31.03.2024 |
| c) | MC, Rahon | Achievement-0 Gap-100% | Linkage among stakeholders is to be done. | ULBs | 31.03.2024 |
| d) | MC, Balachaur | Achievement-0 Gap-100% | Linkage among stakeholders is to be done. | ULBs | 31.03.2024 |
| 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- 31.12.2023 |
| 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 framework 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 | 31.12.2023 |
| 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) | | | | |

| | | | | | |
|----|-----------------|----------------------|-----------------|------|--------------------|
| 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 : | 0 |
| - Operated by Industry: | 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? | <p>Ambient air quality is already being monitored. The annual average value of the year 2019 and 2020 is as under-</p> <table border="1"> <thead> <tr> <th>Year</th> <th>PM₁₀ (µg/m³)</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>131.91</td> </tr> <tr> <td>2020</td> <td>142.83</td> </tr> </tbody> </table> <p>The data of said stations is being uploaded on official website of PPCB on regular basis. Web link: ppcb.gov.in/en/air-quality</p> | Year | PM ₁₀ (µg/m ³) | 2019 | 131.91 | 2020 | 142.83 | PPCB | Regular Activity |
| Year | PM ₁₀ (µg/m ³) | | | | | | | | | |
| 2019 | 131.91 | | | | | | | | | |
| 2020 | 142.83 | | | | | | | | | |

| | | | | |
|----|--|--|------|---|
| 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 | Old – Regular activity Revised – 31.03.2024 |
| 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 | 31.03.2024 |
| 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. | Old- DFSC Revised – State Level Issue | 31.06.2022 Revised – State Level Issue |
| 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 not falls in the list of non-attainment cities. | PPCB | Regular activity |
| 22. | Dissemination of Air Quality Index by installing display boards in the city | At present, there is no proposal for installation of CAAQMS at District 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</p> | Agriculture department | Regular Activity. |

| | | | | |
|--|--|--|--|--|
| | | <p>(Information, Education and Communication activities are being carried out. Various 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</p> | | |
|--|--|--|--|--|

| | | | | |
|--|--|---|--|--|
| | | <p>will be done for the sowing of wheat by in situ management.</p> <ul style="list-style-type: none">• Award 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. | | |
|--|--|---|--|--|

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: | Drainage Deptt. | Regular activity |

| | | | | |
|----|---|---|--|--------------------|
| | | irrigation.punjab.gov.in | | |
| 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 concerned departments to rule out the disposal of solid waste in an around water bodies. | MCs/NPs & Deptt. of Drainage. | Regular activity |
| 5. | Inventory of sources of water pollution | The sources are already identified and detail of the same is given in Sutlej Action Plan. The Web link of the same is https://ppcb.punjab.gov.in/en/action-plans | 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 by CGWA |
| 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 | Old – Activity Completed Revised – Meeting to be taken by ADC-UD for connecting all waste water to STPs for finalizing timeline. |
| | MC, Banga | Installed-1 Gap-0 | MC and PWSSB | Old – Activity Completed Revised – Meeting to be |

| | | | | |
|----------|-------------------------------------|--------------------------------|--------------|--|
| | | | | taken by ADC-UD for connecting all waste water to STPs for finalizing timeline. |
| | MC, Rahon | Installed-0 Gap-100% | MC and PWSSB | Old - 30 June 2023 Revised – Meeting to be taken by ADC-UD for connecting all waste water to STPs for finalizing timeline. |
| | MC, Balachaur | Installed-0 Gap-100% | MC and PWSSB | Old - 30 June 2023 Revised – Meeting to be taken by ADC-UD for connecting all waste water to STPs for finalizing timeline. |
| 2 | Underground sewerage network | | | |
| | MC, Nawanshahar | % Sewer network-70% Gap-30% | MC and PWSSB | 31 Dec 2024 |
| | MC, Banga | % Sewer network-95% Gap-5% | MC and PWSSB | 31 Dec 2023 |
| | MC, Rahon | % Sewer network-50% Gap-50% | MC and PWSSB | 31 Dec 2024 |
| | MC, Balachaur | % Sewer network-50% Gap-50% | MC and PWSSB | 31 Dec 2024 |

| | | | | |
|----|---|--|-------------------------|---|
| 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- 31.12.2023 |
| 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 | 30.06.2024 |

| | | | | |
|----|--|--|--|--|
| | (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 | 31.12.2023 |
| 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 | 31.12.2023 |
| 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 | 31.03.2024 |
| 10. | All the units having kitchen should have proper ducting arrangement. The units using DG sets must have | Being implemented as per guidelines framed by CPCB | PPCB | 31.12.2023 |

| | | | | |
|-----|--|--|-------------------------|------------|
| | the proper stack height. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021) | | | |
| 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) | Inventorization – 0 Gap – 100% | MCs/NPs | 31.03.2024 |
| 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 | 31.03.2024 |
| 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. | The Committee to be constituted | District Administration | 31.03.2024 |

| | | | | |
|-----|---|--|------------------------|--------------------|
| | (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020) | | | |
| 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. 176/2015 dated 20.07.2020) | Water mapping of all the OCS assessment units has been carried out as per the guidelines of GOI as per GEC-2015 Methodology by taking Block as a Unit of Assessment. The data of years 2015-19 has been taken for assessing the same recently. | Water Resources | Activity Completed |

| | | | | |
|-----|--|--|-----------------------|------------|
| 16. | Water Management Plans need to be prepared for all OCS assessment units in the country based on the mapping data, starting with Overexploited blocks. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020) | Water Management Plan to be prepared. | Water Resources | 31.03.2024 |
| 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 | 31.03.2024 |
| 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 | A proposal will be prepared in coordination with technical | Irrigation / Drainage | 31.12.2026 |

| | | | | |
|-----|--|---|---------------------------|--------------------|
| | 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 1of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020) | bodies to tap excess run of rivers / canals to rainfall season to recharge old water bodies and to retain water in new ponds. | department / Local Bodies | |
| 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 | Being Carried out by all ULBs | Local Bodies | Regular Activity |

| | | | | |
|-----|--|---|------------------|--|
| | 22.01.2021) | | | |
| 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- 31.12.2023 |
| 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 | 31.03.2024 |
| 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 management of highly contaminated Feecal sludge generated from the rural areas. | State Level Policy matter and time target for framing policy will be informed after taking up matter at Higher Level | RDP | Policy framing 30.04.2022 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 | 31.03.2024 |
| 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 | 31.03.2024 |

| | | | | |
|-----|--|--|--------------------------|--|
| 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 31.12.2023. |
| 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 | 31.12.2023 |

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 = 16 Orange Category unit = 130 Green Category unit = 23 |
| 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 ActionPlan | Responsible agency | Timeline for completion of actionplan |
|--------|---|---|--------------------|---------------------------------------|
| 1. | Compliance to discharge norms by Industries | Necessary action is being taken against the industries not meeting the standards. | PPCB | Regular activity |
| 2. | Complaint redressal system | Online compliant portal already developed. Web link: 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 dated 26.02.2021) | Provisions are being followed | Department of water resources | Regular Activity |
| 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 | 31.12.2023 |

| | | | | |
|-----|--|---------------------------------|---|-------------------|
| 11. | Status of regular patrolling by the police to inspect the mining operations. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021) | Being Carried out | Police Department | Regular activity |
| 12. | Status of daily reports regarding mining to be filed by SHO/ Mining officer to be sent to District Magistrate.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021) | Being Carried out | Police Department & Drainage Department & Flying squaid 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'ble NGT 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 | N.G.T orders are being followed | Department of water resources | Regular Activity |

| | | | | |
|-----|--|---|-------------------------------|---|
| | and remedial measures including surveillance system for recovery of compensation.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021) | | | |
| 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 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) | Under Verification. | Police Department | Regular Activity |
| 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 | Provisions are being followed | Department of water resources | Regular Activity |

| | | | | |
|-----|---|---|-------------------------------|---|
| | the leaseholder himself.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021) | | | |
| 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 | N.G.T orders are being followed | Department of water resources | Regular Activity |

| | | | | |
|-----|--|---------------------------------|-------------------------------|------------------|
| | institutions with standard TORs and Remuneration terms which could be utilized by the Mines Department on a regular basis.(Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021) | | | |
| 21. | There has to be an effective mechanism for restoration of environment in case of its degradation due to mining. A portion of the royalty could be reserved for it as Environment Restoration Fund. The Environment Department can empanel some reputed institutions 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 | 31.12.2023 |
| 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. | N.G.T orders are being followed | Department of water resources | Regular Activity |

| | | | | |
|-----|---|---|---|------------|
| | 360/2015 dated 26.02.2021) | | | |
| 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. | 31.03.2024 |

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 | Old- 30.06.2022 Revised – 31.03.2024 (Police Department) |
| 2. | Ambient Noise Level monitoring. | Installed – 0 Gap – 100% | PPCB | 31.03.2024 |
| 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. Rajiv Verma | ADC, G | 98721-38015 | 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 | Sh. Sukhwinder | Secretary, | 91156- | dtohoshiarpur07@g |

| | | | | | |
|----|--|-------------------------------|------|-------------|------------------------------------|
| | Authority, SBS Nagar | Singh Brar | RTA | 55111 | mail.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 | eevss.divsbhagatsnagarpb@yahoo.com |

| | | | | | |
|-----|---|---------------------------------------|-----------|--------------|---|
| 10. | Agriculture Department, SBS Nagar | Sh. Kamaldeep Singh | CAO PD | 88720-26517 | 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, | Dr. Inder Mohan Gupta | CMO | 98728-42563 | csnsr2@gmail.com |

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|-----|--|----------------------|---------------------|-----------------|-------------------------------|
| | SBS Nagar | | | | |
| 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 |
