

OFFICE OF THE DEPUTY COMMISSIONER, FEROZEPUR

To

The Director,
Directorate of Environment and Climate Change (DECC),
MGSIPA Complex, Sector-26,
Chandigarh-160019.

No: 2103

Dated: 23.11.2021

Sub: Minutes of the meeting held with the officers Department of Environment, State of Punjab and District Level Officers of District Ferozepur regarding finalization of District Environment Plan of district Ferozepur in compliance to order dated 5.7.2021 in OA No. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India and others on 11.11.2021 at 02:30 PM in the office of the Monitoring Committee at Forest Complex, Sector-68, SAS Nagar.

Ref: Monitoring Committee letter no. CMC/2021/428 dated 12.11.2021.

It is intimated that Hon'ble NGT vide its order dated 26.09.2019 in OA No. 360/2018 had directed to prepare the District Environment Plan in each district.

District Environment Plan for control of pollution in district Ferozepur was prepared by District Administration and same was sent to the Director, Directorate of Environment & Climate Change, Chandigarh vide no. 3414 dated 29.10.2021.

The Office of Monitoring committee constituted by the Hon'ble National Green Tribunal in OA no. 360 of 2018 in the matter of Shree Nath Sharma V/s Union of India & Ors and Other Environmental Issues has taken meeting with the officers regarding finalization of District Environment Plan of District Ferozepur on 11.11.2021 at Forest Complex, Sector-68, SAS Nagar and has desired to amend the District Environment Plan of District Ferozepur in view of the observations/ recommendations made by the Monitoring Committee w.r.t. various activities/ action points.

Accordingly, in compliance to the minutes of meeting dated 11.11.2021, District Environment Plan of District Ferozepur has been amended and is hereby sent to you for kind information and further necessary action in the matter.

DA/- As above.


**Deputy Commissioner-cum-Chairman,
District Environment Committee, Ferozepur**

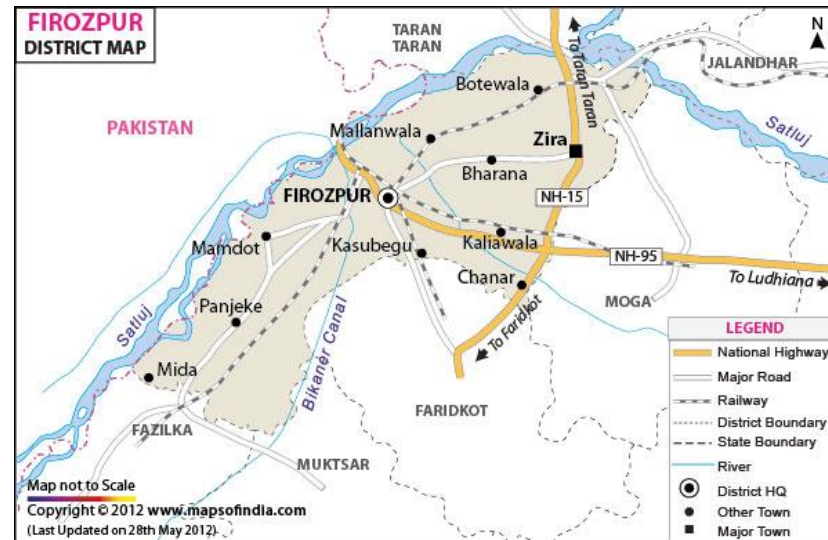
Endst. No.....

Date.....

A copy of the above is forwarded to the Member Secretary, Punjab Pollution Control Board, Head Office, Patiala for information.


**Deputy Commissioner-cum-Chairman,
District Environment Committee, Ferozepur**

District Environment Plan-Ferozpur



District Administration - Ferozpur

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1. DISTRICT PROFILE

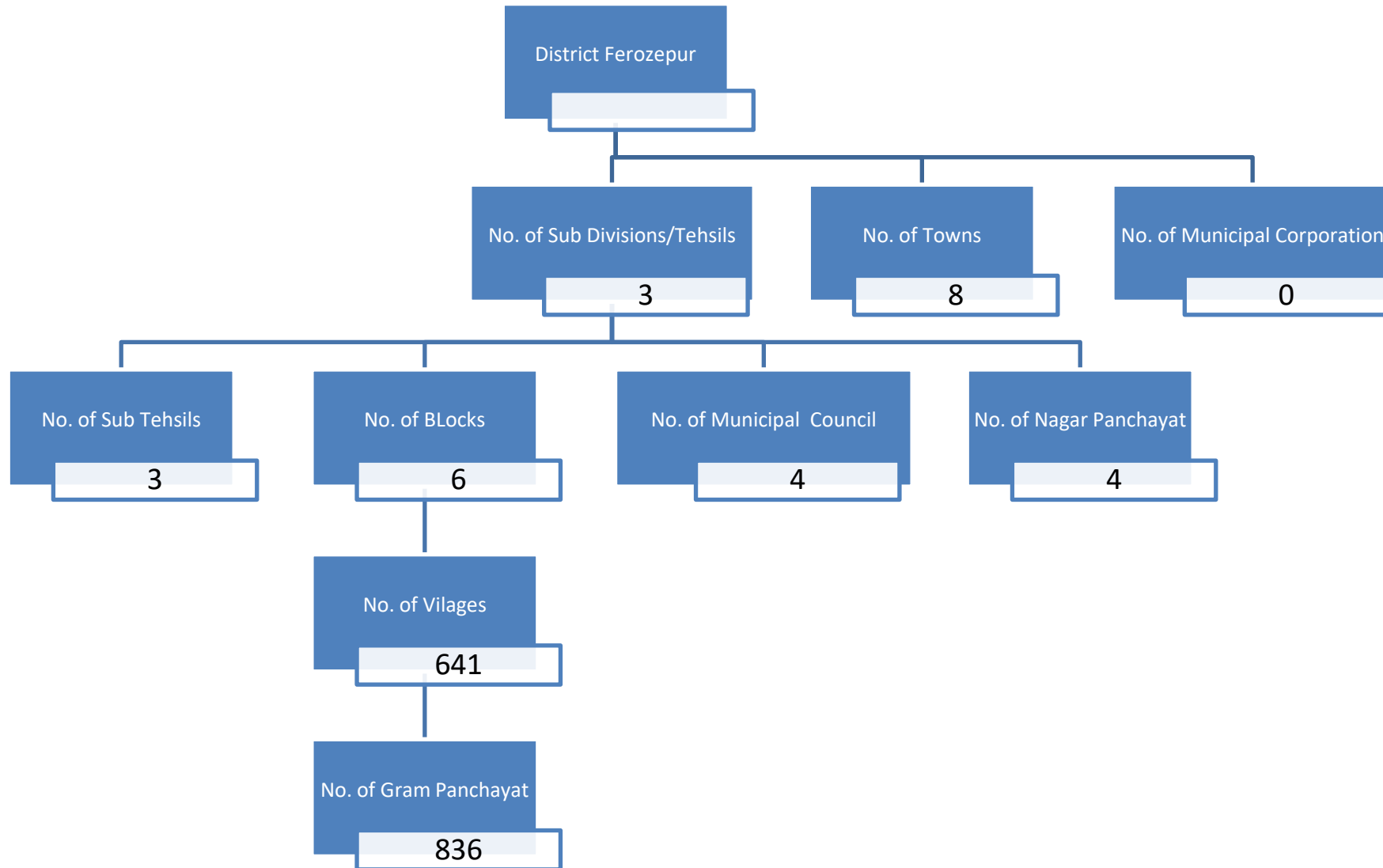
Ferozepur (also written as Ferozepore) is one of the 23 districts of the State of Punjab, located along the International Border with Pakistan. Ferozepur is district since the British rule and neighbouring districts of Moga, Sri Muktsar Sahib and Fazilka were once the tehsils of this district. Ferozepur district is located in the western part of the State of Punjab in the Malwa region.

River Sutlej flows west to the district and forms the boundary with the district Jalandhar, Kapurthala, Tarn Taran and Kasur district of Punjab State of Pakistan. Harike Wetland (Harike Pattan) formed at confluence point of River Sutlej and River Beas is located at North-West corner of the District and at this point three regions of the State i.e. Majha, Malwa & Doaba meet. Harike Wetland with the Harike Lake in the deeper part of it, is the largest wetland in Northern India and is also a Ramasar Site. Two major head works on River Sutlej – Harike head works & Hussainiwala head works are located in district Ferozepur. India's largest canal i.e. Indira Gandhi Canal (Rajasthan Feeder) along with Ferozepur Feeder starts from Harike head works.

Ferozepur Feeder is known as lifeline of Southern-western Malwa region as it is major source of irrigation and drinking water in this region. Indira Gandhi Canal is major source of irrigation and drinking water in six districts of the State of Rajasthan. Two major canal head works in the district are – Gurdittiwala head works, where Ferozepur Feeder bifurcates into two canals – Ferozepur Feeder & Sirhind Feeder and Balianwali head works, where Gang Canal (Bikaner Canal) starts.

Three major drainage networks of the district are – Sukkar Nallah drainage network, Phidda drainage network & Phidda Outfall drainage network and all three drainage networks have outfall in river Sutlej at village Masteke, Langeana, Gazniwala respectively. Sukkar Nallah drainage network is a natural drainage network (old route of river Sutlej) and drains the entire Zira tehsil of the district.

(i) District Administrative Set-up



(ii) Local institutions

In District Ferozepur, there are total 3 Sub-Divisions/Tehsils, 8 towns. There are 03 Sub-Tehsil, 6 Blocks, 04 Municipal Councils. There are total 836 Gram Panchayats in the District.

(iii) Natural Resources

- Water bodies

Two major head works on River Sutlej – Harike head works & Hussainiwala head works are located in district Ferozepur. India's largest canal i.e. Indira Gandhi Canal (Rajasthan Feeder) along with Ferozepur Feeder starts from Harike head works.

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- Ground Water

Central Ground Water Authority has been constituted under Section 3 (3) of the Environmental (Protection) Act, 1986 to regulate and control development and management of ground water resources in the country.

The Government of Punjab has constituted Punjab Water Regulation & Development Authority (PWRDA) under the Punjab Water Resources (Regulation and Management) Act, 2020 and is mandated to regulate the water resources of the State for ensuring their judicious, equitable and sustainable utilization and management. The PWRDA is providing ad-interim permission for groundwater extraction to industrial and

commercial units in the State.

The PWRDA has decided that the Board shall continue to grant consent to establish (NOC) / consent to operate to the industries with the advisory to obtain necessary clearance for abstraction of ground water from the Punjab Water Regulation & Development Authority (PWRDA). However, aforesaid clearance shall not be insisted upon by the Punjab Pollution Control Board at the time of grant of consent to establish (NOC) / consent to operate to the industries.

**Category and Corresponding Status of Assessment Areas
BLOCK WISE GROUND WATER RESOURCES CATEGORY AND STATUS**

Sr. No.	Block	Stage of Ground Water Extraction (%)	Category (2017 Assessment Report)	Status
1	Ferozepur	132	Over-Exploited	Yellow
2	Ghal Khurd	198	Over-Exploited	Yellow
3	Guru Har Sahai	117	Over-Exploited	Yellow
4	Makhu	149	Over-Exploited	Yellow
5	Mamdot	154	Over-Exploited	Yellow
6	Zira	259	Over-Exploited	Orange

(iv) Geography & Demography

Sr.No.	Title	District Ferozepur	Punjab State
1.	Area (Sq Km)	2190	50,362
2.	Population (in Lakh)	9.16	277.04
3.	Rural Population (in Lakh)	6.74	173.2
4.	Urban Population (In Lakh)	2.42	103.84
5.	% Increase in Population (2001-2011) Decennial Growth rate	11.28	13.55
6.	Density of Population (per Sq km)	380	550
7.	Literacy %	79.53	76.7
8.	Sex Ratio (Females per thousand)	894	893

The total area of District Ferozepur is 2190 km² having population 9.16lakhs. The rural population of District Ferozepur is 6.74 lakh and urban population of District Ferozepur is 2.42 Lakh. The literacy rate of District Ferozepur is 79.53 %.

(v) Land-use pattern

Sr . No.	Title	Data of District Ferozepur (2020-21)
1.	Total Geographical Area (in Sq km)	2190
2.	Area under Forest (in Ha)	2938.95
3.	Net Area Sown (In Ha)	173,025
4.	Gross Cropped Area (in Ha)	175,203
5.	Total Area irrigated (in Ha)	173,025
6.	% of Net Area irrigated to Total area sown	100%

The total Geographical Area of District Ferozepur is 2190 km². The Net area sown & irrigated is 173,025 hectare. The gross cropped area is 175,203hectare of District Ferozepur as per financial year 2020-21. The total reserved forest area of district Ferozepur is 2938.95 hectare.

(vi) Climate

The normal annual rainfall of Ferozepur District is 449 mm in 24 days which is unevenly distributed over the district. The southwest monsoon sets in last week of June and withdraws towards end of September and contributes about 78% of annual rainfall. The rest of the rainfall (22%) occurs during non monsoon period. The climate of the district is characterized by the dryness of the air an intensely hot summer and cold winter. The year may be divided into four seasons. The cold season starts by late November and extends to the middle of March. It is followed by hot season which continues to the end of June when the south-west monsoon arrives over the district. The post monsoon season period is from October to December.

ACTION PLAN

2. WASTE MANAGEMENT PLAN

(i) Solid Waste Management

(a) Current status related to solid Waste management

Sr. No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated(MTperday)
1.	Municipal Council, Ferozepur	33	22151	1,10,313	40
2.	Municipal Council, Zira	17	7566	37,485	8.16
3.	Municipal Council, Guru Har Sahai	15	5935	29,373	5.86
4.	Municipal Council, Talwandi Bhai	13	3358	17,285	3.6
5.	Nagar Panchayat, Makhu	13	3073	14,664	4.2
6.	Nagar Panchayat, Mudki	13	2156	10,415	3.2
7.	Nagar Panchayat, Mallanwala Khas	13	3363	16,183	4.2
8.	Nagar Panchayat, Mamdot	13	1386	6,667	2.68
	Total	130	48,988	2,42,385	71.90

Sr.No.	LocalBodies	No of Village Panchayats /Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Villages Panchayats	836 /6	83,758	6.74 lakhs	180

(b) Identification of gaps and Acton plan:

Sr. No.	Action points For villages /blocks/town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of activity
1.	Segregation				
I.	Municipal Council, Ferozepur	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting is being done	EO, MC Ferozepur	Activity Completed.
II.	Municipal Council, Zira	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting is being done	EO, MC Zira	Activity Completed.
III.	Municipal Council, Guru Har Sahai	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting is being done	EO, MC Guru HarSahai	Activity Completed.
IV.	Municipal Council, Talwandi Bhai	100 % segregation achieved no gap.	Door to door collection is 100 % and awareness regarding source segregation and home composting is being done	EO, MC Talwandi Bhai	Activity Completed.
V.	Nagar Panchayat, Makhu	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting is being done	EO NP Makhu	Activity Completed.
VI.	Nagar Panchayat, Mudki	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting done.	EO NP Mudki	Activity Completed.
VII.	Nagar Panchayat, Mallanwala Khas	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home	EO NP Mamdot	Activity Completed.

			composting is being done		
VIII.	Nagar Panchayat, Mamdot	100 % segregation achieved no gap.	Door to door awareness regarding source segregation and home composting is being done	EO NP Mamdot	Activity Completed.
IX.	Villages Panchayat : 836	Yet to be started.	Yet to prepare.	DDPO	Action plan preparation date : 31.03.2022 Implementation : 30.10.2026 By 30.10.22 =165 village panchayats By 30.10.23=165 village panchayats By 30.10.24 =165 village panchayats By 30.10.25 =165 village panchayats By 30.10.26 =176 village panchayats
2.	Sweeping				
(i)	Manual Sweeping				
I.	Municipal Council, Ferozepur	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO, MC Ferozepur	Regular activity
II.	Municipal Council, Zira	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO, MC Zira	Regular activity
III.	Municipal Council, Guru HarSahai	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO, MC Guru HarSahai	Regular activity
IV.	Municipal Council, Talwandi Bhai	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO, MC Talwandi Bhai	Regular activity
V.	Nagar Panchayat, Makhu	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO NP Makhu	Regular activity
VI.	Nagar Panchayat, Mudki	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO NP Mudki	Regular activity
VII.	Nagar Panchayat,	100% sweeping being done,	To maintain 100% sweeping all	EO NP	Regular activity

	MallanwalaKhas	no gap	the times.	Mallanwala Khas	
VIII.	Nagar Panchayat, Mamdot	100% sweeping being done, no gap	To maintain 100% sweeping all the times.	EO NP Mamdot	Regular activity
IX.	Villages Panchayat : 836	10% sweeping being done. 90% road is not Covered.	More manpower is being deployed.	DDPO	30.10.2026 By 30.10.22 =165 village panchayats By 30.10.23=165 village panchayats By 30.10.24 =165 village panchayats By 30.10.25 =165 village panchayats By 30.10.26 =176 village panchayats
(ii)	Mechanical Road and Sweeping Collection	<ul style="list-style-type: none"> MC Ferozepur has sent proposal for purchase of mechanical sweeping machines. 	Machines will be available by 31.12.2021.	Local Govt.	Machines will be made operational by 30.04.2022.
3	Waste Collection				
(i)	100% collection of solid waste	<ul style="list-style-type: none"> 100% D to D is achieved by all MCs/NPs Village Panchayats (836) = Not adequate 	<ul style="list-style-type: none"> To maintain 100% D to D by ULBs Action plan is yet to be prepare 	<ul style="list-style-type: none"> ULBs ADC (D) / DDPO / XEN Panchayati Raj 	<ul style="list-style-type: none"> Regular activity <p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto 30.06.2024 209 village panchayats upto

					30.06.2025 • 209 village panchayats upto 30.06.2026
(ii)	Arrangement for door to door collection	<ul style="list-style-type: none"> By providing waste collection trolleys & tricycle with compartments in each ward of MC/NP <p>MC Ferozpur Required-115 Provided-100 Gap-15</p> <p>MC Zira- Required-35 Provided-30 Gap-5</p> <p>MC Guru Har Sahai Required-18 Provided-12 Gap-6</p> <p>MC Talwandi Bhai Required-20 Provided-15 Gap-5</p> <p>NP Makhu Required-14 Provided-10 Gap-4</p> <p>NP Mudki Required-11 Provided-8 Gap-3</p> <p>NP Mallanwala Khas Required-30 Provided-15 Gap-15</p> <p>NP Mamdot Required-12</p>	<ul style="list-style-type: none"> As per requirement, manpower and mechanical arrangements will be increased to ensure 100% D to D collection. 	<ul style="list-style-type: none"> ULBs 	<p>MC Ferozpur 30-06-2022</p> <p>MC Zira- 30-06-2022</p> <p>MC Guru Har Sahai 30-06-2022</p> <p>MC Talwandi Bhai 30-06-2022</p> <p>NP Makhu 30-06-2022</p> <p>NP Mudki 30-06-2022</p> <p>NP Mallanwala Khas 30-06-2022</p> <p>NP Mamdot 30-06-2022</p>

		<p>Provided-7 Gap-5</p> <ul style="list-style-type: none"> In villages Required -836 Available - Nil 	<ul style="list-style-type: none"> Action plan is yet to be prepared for arrangements of D to D collection. 	<ul style="list-style-type: none"> ADC (D) / DDPO / XEN Panchayati Raj 	<p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto 30.06.2024 209 village panchayats upto 30.06.2025 209 village panchayats upto 30.06.2026
(iii)	Waste Collection trolleys with separate Compartments	<ul style="list-style-type: none"> Waste is being collected through tricycles provided with compartments <p>MC Ferozepur Required-115 Provided-100 Gap-15</p> <p>MC Zira- Required-35 Provided-30 Gap-5</p> <p>MC Guru Har Sahai Required-18 Provided-12 Gap-6</p> <p>MC Talwandi Bhai Required-20 Provided-15</p>	<ul style="list-style-type: none"> As per requirement, manpower and mechanical arrangements will be increased to ensure 100% D to D collection. 	<ul style="list-style-type: none"> ULBs 	<p>MC Ferozepur 30-06-2022</p> <p>MC Zira- 30-06-2022</p> <p>MC Guru Har Sahai 30-06-2022</p> <p>MC Talwandi Bhai 30-06-2022</p>

		<p>Gap-5 NP Makhu Required-14 Provided-10 Gap-4 NP Mudki Required-11 Provided-8 Gap-3 NP Mallanwala Khas Required-30 Provided-15 Gap-15 NP Mamdot Required-12 Provided-7 Gap-5</p> <ul style="list-style-type: none"> • In villages Required -836 • Available - Nil 	<ul style="list-style-type: none"> • Action plan is yet to be prepared for arrangements of D to D collection. 	<ul style="list-style-type: none"> • ADC (D) / DDPO / XEN Panchayati Raj 	<p>NP Makhu 30-06-2022</p> <p>NP Mudki 30-06-2022</p> <p>NP Mallanwala Khas 30-06-2022</p> <p>NP Mamdot 30-06-2022</p> <p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
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(iv)	Mini Collection Trucks with separate compartments	<ul style="list-style-type: none"> Mini collection trucks provided with separate compartments <p>MC Ferozepur Required-4 Provided-0 Gap-4</p> <p>MC Zira- Required-1 Provided-0 Gap-1</p> <p>MC Guru Har Sahai Required-0 Provided-0 Gap-0</p> <p>MC Talwandi Bhai Required-0 Provided-0 Gap-0</p> <p>NP Makhu Required-0 Provided-0 Gap-0</p> <p>NP Mudki Required-0 Provided-0 Gap-0</p> <p>NP Mallanwala Khas Required-0 Provided-0 Gap-0</p> <p>NP Mamdot Required-0 Provided-0 Gap-0</p> <p>In villages Required -836</p>	<ul style="list-style-type: none"> As per requirement, waste collection trucks will be increased to ensure 100% D to D collection. <p>In villages – Action plan is yet to be prepared.</p>	<ul style="list-style-type: none"> ULBs <p>ADC (D) / DDPO / XEN Panchayati Raj</p>	<p>MC Ferozepur 30-06-2022</p> <p>MC Zira- 30-06-2022</p> <p>As per requirement , Mini Collection trucks only required in MC Ferozepur and zira.</p> <p>Preparation of action plan 31.03.2022</p>
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		Available - Nil			<p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
(v)	Waste Deposition centers (WDC) (for domestic hazardous wastes)				
I.	Municipal Council, Ferozepur	Required =2 Installed = 2	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste. Not Required	EO, MC Ferozepur	Activity Completed
II.	Municipal Council, Zira	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste required	EO, MC Zira	Activity Completed
III.	Municipal Council, Guru Har Sahai	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO, MC Guru Har Sahai	Activity Completed

IV.	Municipal Council, Talwandi Bhai	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO, MC Talwandi Bhai	Activity Completed
V.	Nagar Panchayat, Makhu	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO NP Makhu	Activity Completed
VI.	Nagar Panchayat, Mudki	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO NP Mudki	Activity Completed
VII.	Nagar Panchayat, MallanwalaKhas	Required = 1 Installed = 1	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO NP MallanwalaK has	Activity Completed
VIII.	Nagar Panchayat, Mamdot	Required = 2 Installed = 2	Facility for collection of domestic hazardous waste has been provided with the vehicles meant for D to D collection of solid waste.	EO NP Mamdot	Activity Completed
IX.	Villages Panchayat (836)	Required= 836 Installed=0	Action plan is yet to be prepared along-with solid Waste Management.	ADC (D) / DDPO / XEN Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto

					30.06.2025 • 209 village panchayats upto 30.06.2026
4	Waste Transport				
(i)	Review existing Infrastructure	<ul style="list-style-type: none"> Waste transport vehicles MC Ferozepur Required-21 Provided-21 Gap-0 MC Zira- Required-2 Provided-2 Gap-0 MC Guru Har Sahai Required-5 Provided-5 Gap-0 MC Talwandi Bhai Required-3 Provided-3 Gap-0 NP Makhu Required-2 Provided-2 Gap-0 NP Mudki Required-1 Provided-1 Gap-0 NP Mallanwala Khas Required-11 Provided-11 Gap-0 NP Mamdot Required-2 Provided-2 	Adequate	MCs/NPs	<p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p> <p>Activity completed</p>

		<p>Gap-0</p> <ul style="list-style-type: none"> In villages Required -836 Available - Nil 	Action plan is yet to be prepared.	ADC (D) / DDPO / XEN Panchayati Raj	<p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto 30.06.2024 209 village panchayats upto 30.06.2025 209 village panchayats upto 30.06.2026
(ii)	Bulk Waste Trucks	Not Required	Not Required	MCs/NPs	Activity completed
(iii)	Waste Transfer points	<ul style="list-style-type: none"> Waste transfer points with boundary wall <p>MC Ferozepur Required-5 Provided-5 Gap-0 Status of boundary wall. -constructed</p> <p>MC Zira- Required-3 Provided-3 Gap-0 Status of boundary wall. -constructed</p>	Waste transfer points will be made in environmentally sound manner i.e. brick wall around these waste transfer points or will be kept in closed chamber from the four sides.	MCs/NPs	Activity completed

		<p>MC Guru Har Sahai Required-3 Provided-3 Gap-0 Status of boundary wall. -constructed</p> <p>MC Talwandi Bhai Required-3 Provided-3 Gap-0 Status of boundary wall. -constructed</p> <p>NP Makhu Required-2 Provided-2 Gap-0 Status of boundary wall. -constructed</p> <p>NP Mudki Required-2 Provided-2 Gap-0 Status of boundary wall. -constructed</p> <p>NP Mallanwala Khas Required-2 Provided-2 Gap-0 Status of boundary wall. -constructed</p> <p>NP Mamdot</p>			
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		<p>Required-2 Provided-2 Gap-0 Status of boundary wall. -constructed</p> <ul style="list-style-type: none"> In villages Required -836 Available - Nil 	Action plan is yet to be prepared.	ADC (D) / DDPO / XEN Panchayati Raj	<p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto 30.06.2024 209 village panchayats upto 30.06.2025 209 village panchayats upto 30.06.2026
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules).	<p>Status of composting by Bulk waste generators generator</p> <p>MC Ferozepur Required-11 Provided-11 Gap-0 MC Zira- Required-4 Provided-4 Gap-0 MC Guru Har Sahai Required-2 Provided-2</p>	Identified bulk generators will be visited and onsite Composting will be get done from them. Also, new bulk generators will be identified.	MC/NP	Regular activity

		<p>Gap-0 MC Talwandi Bhai Required-5 Provided-5 Gap-0 NP Makhu Required-2 Provided-2 Gap-0 NP Mudki Required-2 Provided-2 Gap-0 NP Mallanwala Khas Required-1 Provided-1 Gap-0 NP Mamdot Required-5 Provided-5 Gap-0</p>			
(ii)	Wet-waste Management: Facilities for central Bio-methanation/ Composting of wets waste.				
I.	Municipal Council, Ferozepur	130 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO, MC Ferozepur	Activity Completed
II.	Municipal Council, Zira	47 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO, MC Zira	Activity Completed
III.	Municipal Council, Guru Har Sahai	24 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO, MC Guru Har Sahai	Activity Completed
IV.	Municipal Council, Talwandi Bhai	26 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO, MC Talwandi Bhai	Activity Completed
V.	Nagar Panchayat, Makhu	22 Compost pits provided. Functional	Already provided required no. of compost pits, however, its	EO NP Makhu	Activity Completed

		and adequate	effective use will be ensured.		
VI.	Nagar Panchayat, Mudki	22 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO NP Mudki	Activity Completed
VII.	Nagar Panchayat, Mallanwala Khas	26 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO NP Mallanwala Khas	Activity Completed
VIII.	Nagar Panchayat, Mamdot	20 Compost pits provided. Functional and adequate	Already provided required no. of compost pits, however, its effective use will be ensured.	EO NP Mamdot	Activity Completed
IX.	Villages Panchayat : 836	Not Adequate	Plan yet to be prepared	ADC (D) / DDPO / XEN Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	MC Ferozepur Required-2 Provided-2 Gap-0 MC Zira- Required-1 Provided-1 Gap-0 MC Guru Har Sahai Required-1 Provided-1 Gap-0	All MCs/NPs have provided required no. of Material Recovery Facilities.	Dept. of Local Govt.	Activity already completed

		MC Talwandi Bhai Required-1 Provided-1 Gap-0 NP Makhu Required-1 Provided-1 Gap-0 NP Mudki Required-1 Provided-1 Gap-0 NP Mallanwala Khas Required-1 Provided-1 Gap-0 NP Mamdot Required-2 Provided-2 Gap-0			
		Villages Panchayat : 836	Plan yet to be prepared	ADC (D) / DDPO / XEN Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
(iv)	Disposal of inert and non-recyclable wastes: Sanitary	MC Ferozepur Identified-1	Sites are being identified and disposal of inert & non-	Dept. of Local Govt.	31.03.2022

	Landfill	<p>Available -0 Gap-1</p> <p>MC Zira- Identified-1 Available -0 Gap-1</p> <p>MC Guru Har Sahai Identified-1 Available -0 Gap-1</p> <p>MC Talwandi Bhai Identified-1 Available -0 Gap-1</p> <p>NP Makhu Identified-1 Available -0 Gap-1</p> <p>NP Mudki Identified-1 Available -0 Gap-1</p> <p>NP Mallanwala Khas Identified-1 Available -0 Gap-1</p> <p>NP Mamdot Identified-1 Available -0 Gap-1</p>	recyclable wastes is yet to be started.		<p>31.03.2022</p> <p>31.03.2022</p> <p>31.03.2022</p> <p>31.03.2022</p> <p>31.03.2022</p> <p>31.03.2022</p> <p>31.03.2022</p>
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		Villages / villages Panchayat provided -Not	Action Plan yet to be prepared	DDPO / Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
(v)	Remediation of historic / legacy dumpsite				
i.	Municipal Council, Ferozepur	<ul style="list-style-type: none"> • Total legacy waste = 6500MT • Waste remediated – 6000MT • Balance – 500 MT 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO, MC Ferozepur	Completion date : 30.06.2022
ii.	Municipal Council, Zira	<ul style="list-style-type: none"> • Total legacy waste = 25 MT • Waste remediated – 22 MT • Balance – 3 MT 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO, MC Zira	Completion date : 30.06.2022
iii.	Municipal Council, Guru Har Sahai	<ul style="list-style-type: none"> • Total legacy waste = 4000MT • Waste remediated – 800 MT • Balance – 3200 MT 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO, MC Guru Har Sahai	Completion date : 30.06.2022
iv.	Municipal Council, Talwandi Bhai	<ul style="list-style-type: none"> • Total legacy waste = 1600 MT 	The machinery like mechanical trammel, JCB has been	EO, MC Talwandi Bhai	Completion date : 30.06.2022

		<ul style="list-style-type: none"> Waste remediated – 1300 MT Balance – 300 MT 	purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.		
v.	Nagar Panchayat, Makhu	<ul style="list-style-type: none"> Total legacy waste = 3852 MT Waste remediated – 25 MT Balance – 3827 MT 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO NP Makhu	Completion date : 30.06.2022
vi.	Nagar Panchayat, Mudki	<ul style="list-style-type: none"> Total legacy waste = 850 MT Waste remediated – 485 MT Balance – 365 MT 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO NP Mudki	Completion date : 30.06.2022
vii.	Nagar Panchayat, Mallanwala Khas	<ul style="list-style-type: none"> Total legacy waste = 50000 MT Waste remediated – 26 MT Balance – 49974MT 	Mechanical separator purchased, windrow formed and remediation will be started.	EO NP Mallanwala Khas	Completion date : 30.06.2022
viii.	Nagar Panchayat, Mamdot	<ul style="list-style-type: none"> Total legacy waste = 936 MT Waste remediated – 936 MT Balance – 0 	The machinery like mechanical trammel, JCB has been purchased and same has been installed at legacy waste dumpsite to remediate the legacy waste.	EO NP Mamdot	Activity completed
ix.	Villages Panchayat : 836	Not Started	Scheme for treatment of legacy waste in villages is yet to be prepared accordingly.	ADC (D) / DDPO / XEN Panchayati Ra	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto

					30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
x.	Involvement of NGOs	Yes	NGOs shall be identified for the purpose.	Department of Local Govt. and DDPO	Regular Activity
xi.	EPR of Producers: Linkage with Producers / Brand Owners	Linkage with Producers / Brand Owners	All the producer/brand owners are being directed to submit the action plan for the disposal of its plastic waste under extended producer responsibility.	Department of Local Govt	30.06.2022
xii.	Authorization of Waste Pickers	Waste Pickers deployed by MC alongwith authorization status MC Ferozpur Identified-100 Authorized-100 MC Zira- Identified-35 Authorized-35 MC Guru Har Sahai Identified-8 Authorized-8 MC Talwandi Bhai Identified-13 Authorized-13 NP Makhu Identified-13 Authorized-13	As per requirement, authorization of waste pickers will be carried out.	ULBs	Activity completed

		<p>NP Mudki Identified-5 Authorized-5</p> <p>NP Mallanwala Khas Identified-13 Authorized-13</p> <p>NP Mamdot Identified-7 Authorized-7</p>			
xiii.	Preparation of own by-laws to comply with SWM Rules 2016	<p>All MCs Prepared.</p> <p>DDPO: 836 Villages Panchayat : yet to be prepared</p>	<p>All MCs Prepared.</p> <p>DDPO (for 836 village panchayats) yet to be prepared</p>	Department of Local Govt and DDPO	<p>All MCs = Activity Completed</p> <p>Preparation of action plan 31.03.2022</p>
xiv.	Removal of garbage vulnerable points(GVPs)	No gap, as activity Completed	All the identified (GVPs) have been removed by the all MCs.	Department of Local Govt and DDPO	Activity Completed
xv.	Provision of greenbelt and boundary wall around solid waste dumping site.	<p>MC Ferozepur Boundary Wall -yes Green Belt- No</p> <p>MC Zira- Boundary Wall -yes Green Belt- No</p> <p>MC Guru Har Sahai Boundary Wall -yes Green Belt- No</p> <p>MC Talwandi Bhai Boundary Wall -yes</p>	The green belt around the boundary wall is yet to be provided and will be completed by 31.03.2022 in each ULB.	Department of Local Govt	<p>MC Ferozepur 31.03.2022</p> <p>MC Zira- 31.03.2022</p> <p>MC Guru Har Sahai 31.03.2022</p> <p>MC Talwandi Bhai 31.03.2022</p>

		<p>Green Belt- No</p> <p>NP Makhu Boundary Wall -yes Green Belt- No</p> <p>NP Mudki Boundary Wall -yes Green Belt- No</p> <p>NP Mallanwala Khas Boundary Wall -yes Green Belt- No</p> <p>NP Mamdot Boundary Wall -yes Green Belt- No</p>			<p>NP Makhu 31.03.2022</p> <p>NP Mudki 31.03.2022</p> <p>NP Mallanwala Khas 31.03.2022</p> <p>NP Mamdot 31.03.2022</p>
xvi.	Providing compartments and GPS tracking in garbage carrying vehicles	<p>Status of providing compartments & GPS tracking in garbage carrying vehicle.</p> <p>MC Ferozepur Required-21 Provided-21 Gap-0</p> <p>MC Zira- Required-2 Provided-2 Gap-0</p> <p>MC Guru Har Sahai Required-5 Provided-5 Gap-0</p> <p>MC Talwandi Bhai Required-3 Provided-3 Gap-0</p>	MC/NP are providing compartments & GPS tracking in garbage carrying vehicle	ULBs	Activity completed

		<p>NP Makhu Required-2 Provided-2 Gap-0</p> <p>NP Mudki Required-1 Provided-1 Gap-0</p> <p>NP Mallanwala Khas Required-11 Provided-11 Gap-0</p> <p>NP Mamdot Required-2 Provided-2 Gap-0</p>			
xvii.	Action Plan for Treatment of leachate generated from legacy waste dumpsite. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	Treatment of leachate	<p>Department of Urban Development (for other ULBs):-</p> <ul style="list-style-type: none"> Leachate management will be done simultaneous with Bio- remediation of legacy waste. 	Department of Urban Development	Completion date = 30.06.2022
xviii.	Best practices, including setting up of Control Rooms where citizens can upload photos of garbage which may be looked into by the specified representatives of local bodies, at local level as well as State level. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	No Gap	Swachhata app is widely used by citizens for complaints related to SWM/ SBM, It is resolved and monitored at ULB and state level both. Link for updated Swachhata-MoHUA App: https://play.google.com/store/apps/details?id=com.ichan.gemycity.swachhbharat	All Local bodies	Already in place

xix.	CCTV cameras be installed at dumping sites. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	CCTV cameras not installed at dump site of MCs	CCTV cameras will be installed.	All Local bodies	For proposal submission – 31.03.2022 For installation– 30.06.2022
xx.	Installation of Piezometer at Dump Site. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	<p>MC Ferozepur Installed</p> <p>MC Zira- Not installed</p> <p>MC Guru Har Sahai Not installed</p> <p>MC Talwandi Bhai Not installed</p> <p>NP Makhu Not installed</p> <p>NP Mudki Not installed</p> <p>NP Mallanwala Khas Not installed</p> <p>NP Mamdot Not installed</p>	Piezometer installed in MC Ferozepur and monitoring will be carried out regular basis.	Local bodies	<p>MC Ferozepur Activity completed</p> <p>MC Zira- Completion date : 30.06.2022</p> <p>MC Guru Har Sahai Completion date : 30.06.2022</p> <p>MC Talwandi Bhai Completion date : 30.06.2022</p> <p>NP Makhu Completion date : 30.06.2022</p> <p>NP Mudki Completion date : 30.06.2022</p> <p>NP Mallanwala Khas Completion date : 30.06.2022</p> <p>NP Mamdot Completion date : 30.06.2022</p>
xxi.	Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants which are run by adopting rendering process. (Directions of Hon'ble NGT in OA no.	Presently Carcass of dead animals are being given to private contractor by MCs/NPs.	Proposal for utilization of carcass in a scientific manner is under consideration. Carcass disposal points will be developed by constructing boundary wall,	MCs/NPs/DDPO	For proposal submission – 31.3.2022 For completion– 30.06.2023 For existing carcasses disposal points – 31.03.2022

	465/2019 dated 15.04.2021		planting of trees, hedges and other necessary measures to control the nuisance.		
xxii.	Carcass disposal to be done under the supervision Veterinary/Animal Husbandry Department of the State and the Local Bodies. (Directions of Hon'ble NGT in OA no. 465/2019 dated 15.04.2021	No gap	Carcass disposal will be ensured under the supervision of veterinary doctors.	All ULBs	Regular activity
xxiii.	Management of waste water and solid waste by the unauthorized colonies/residential complex/commercial complex developed by Pvt. Colonizers.	Inadequate management of solid waste and liquid waste in these colonies.	The teams are checking the colonies on regular basis. The work is huge and different department are involved for joint inspection. Hence, time is required upto 31.12.2021 for the complete for the identification work.	GLADA, Improvement Trust, Department of Local Govt.	MC/GLADA/Improvement Trust <ul style="list-style-type: none"> • Identification by 31.03.2022 • Management of solid waste collection & segregation = 31.03.2023 • Provision of STPs = 31.03.2023
xxiv.	To prepare proposal / scheme for management of solid waste in the villages either in cluster form or independently in individual villages	Inadequate Management of solid waste in the villages.	Scheme is yet to be prepared.	ADC (D) / DDPO / XEN Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
xxv.	Information Education and Communication (IEC)	No gap	The IEC activities in this regard are already being	All ULBs	Regular Activity

	activities in respect of solid waste.		done by the concerned departments. Promoters and Residents are informed when the joint team visits their colonies and they are encouraged to follow the solid and liquid waste management rules.		
xxvi.	Constitution of District Environment Committee in view of the constitution provisions under article 243 G, 241 W and 243 ZD read with scheduled 11, 12 & 15 of SWM Rules, 2016.	No gap	Constituted by the State Government.	State Government	Activity completed
xxvii.	Management of carcass in rural area.	Inadequate management of carcass in rural area.	• The matter regarding treatment is being taken up with the State Govt. for formation of State Action Plan. The detailed proposal will be sent to State Government upto 31.03.2022. Village Panchayats will take necessary steps like plantation of trees, hedges and other necessary measures to control nuisance created by animal carcass disposal points.	DDPO	For proposal submission – 31.3.2022 For completion– 30.06.2023 For existing carcasses disposal points – 31.03.2022
xxviii.	Dry-Waste Management: Material Recovery for dry-waste fraction (RDF)	RDF not available with all the ULBs	Action plan is yet to be prepared	All ULBs	30.09.2022
xxix.	Management of Horticulture	Status of compost pits in	All MCs / NPs are providing	MCs/NPs	Activity completed

	Waste in MCs.	<p>parks</p> <p>MC Ferozpur No. of parks-3 Compost pit required-15 Provided-15 Gap-0</p> <p>MC Zira- No. of parks-2 Compost pit required-10 Provided-10 Gap-0</p> <p>MC Guru Har Sahai No. of parks: 2 Compost pit required-4 Provided-4 Gap-0</p> <p>MC Talwandi Bhai No. No. of parks-2 Compost pit required-4 Provided-4 Gap-0</p> <p>NP Makhu No. of of parks-2 Compost pit required-2 Provided-2 Gap-0</p> <p>NP Mudki No. of parks-1 Compost pit required-2 Provided-2 Gap-0</p> <p>NP Mallanwala Khas No. of parks-1</p>	adequate no. of compost pits for the management of horticulture waste.		
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		Compost pit required-1 Provided-1 Gap-0			
		NP Mamdot No. of parks-5 Compost pit required-8 Provided-8 Gap-0			

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

Sr. No.	UrbanLocal Bodies	Estimated quantity of Plastic Waste Generated MT perday
1.	Municipal Council, Ferozepur	0.72
2.	Municipal Council, Zira	0.20
3.	Municipal Council, Guru Har Sahai	0.1
4.	Municipal Council, Talwandi Bhai	0.17
5.	Nagar Panchayat, Makhu	0.3
6.	Nagar Panchayat, Mudki	0.15
7.	Nagar Panchayat, Mallanwala Khas	0.3
8.	Nagar Panchayat, Mamdot	0.1
	Total	2.04

Sr. no.	Local Bodies	Estimated quantity of Plastic Waste Generated (in MTD)
1	Villages Panchayat : 836	5.75

(b) Identification of gaps and Action plan:

S. No.	Action points For village panchayats/blocks/municipalities/corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1.	Door to Door collection of dry waste including Plastic	<ul style="list-style-type: none"> • ULBs= 100%collection. • 836 Villages Panchayats =Not initiated. 	At Present Door to door collection is being done by all ULBs. For villages action plan is yet to be prepared	Dept. of Local Govt. &DDPO	DDPO:- Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
2.	Facilitate organized collection of plastic Waste at Waste transfer point or Material Recovery Facility	<ul style="list-style-type: none"> • Status of collection and MRF facility provided <p>MC Ferozepur Required-2 Provided-2 Gap-0</p> <p>MC Zira- Required-1 Provided-1 Gap-0</p> <p>MC Guru Har Sahai Required-1 Provided-1 Gap-0</p>	All MCs/NPs have installed required no. Material Recovery Facilities (MRF).	Dept. of Local Govt. &DDPO	Activity completed

		<p>MC Talwandi Bhai Required-1 Provided-1 Gap-0</p> <p>NP Makhu Required-1 Provided-1 Gap-0</p> <p>NP Mudki Required-1 Provided-1 Gap-0</p> <p>NP Mallanwala Khas Required-1 Provided-1 Gap-0</p> <p>NP Mamdot Required-2 Provided-2 Gap-0</p>			
		<ul style="list-style-type: none"> 836 Villages Panchayats = Not initiated. 	Action plan yet to be prepared	ADC (D) / DDPO / XEN Panchayati Raj	<p>Preparation of action plan 31.03.2022</p> <p>Execution starts from 30.06.2022</p> <p>Completion:</p> <ul style="list-style-type: none"> 209 village panchayats upto 30.06.2023 209 village panchayats upto 30.06.2024 209 village panchayats upto 30.06.2025 209 village panchayats upto 30.06.2026

3.	Plastic Waste collection Centres	<p>MC Ferozpur Required-2 Provided-2 Gap-0</p> <p>MC Zira- Required-1 Provided-1 Gap-0</p> <p>MC Guru Har Sahai Required-1 Provided-1 Gap-0</p> <p>MC Talwandi Bhai Required-1 Provided-1 Gap-0</p> <p>NP Makhu Required-1 Provided-1 Gap-0</p> <p>NP Mudki Required-1 Provided-1 Gap-0</p> <p>NP Mallanwala Khas Required-1 Provided-1 Gap-0</p> <p>NP Mamdot Required-2 Provided-2 Gap-0</p>	All MCs/NPs have installed required no. Material Recovery Facilities (MRF) and the waste is collected at the MRF centres.	MCs/NPs	Activity completed
4.	Awareness and education programs implementation	No gap	Awareness among public for minimizing and recycling PW is being done on regular basis	Dept. of Local Govt.	Regular activity. One camp will be organized quarterly.

5.	Access to Plastic Waste Disposal Facilities	Plastic Waste Disposal Facilities have been provided with all ULBs.	Requirement of Waste to energy plant.	Dept. of Local Govt.	For proposal submitting: 30.06.2022
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)	Regular Activity	Total no. of plastic unit required registration = 1 Total no. of plastic unit obtained registration = 1	PPCB	Activity completed
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)	Inadequate disposal arrangement of plastic waste	Department of Urban Development (for other ULBs):- Recyclable plastic waste is collected, transported and stored separately by all ULBs. Currently such plastic is being stored at MRF. For disposal arrangements, all the ULBs will engage	All Local bodies & DDPO	Department of Urban Development:- 31.12.2021 for all ULBs.
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)	Yet to frame in rural area	MCs = already framed 836 Villages Panchayat = yet to prepared	ADC(UD) ADC(D), DDPO / Panchayati Raj	Activity completed Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: • 209 village panchayats upto 30.06.2023

					<ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
9.	Set up, operationalize and coordinate for Plastic Waste management in Ruler area. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Inadequate Plastic Waste management in rural area.	Awareness regarding it is being done to the Gram Panchyat for segregation, Collection and transportation will be done with Compartmentalized Rischshaw.	DDPO	Timeline for completion of action plan :- 30.10.2022
10.	Ban on non-recyclable single use polythene bags. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Ban on non-recyclable single use polythene bags	Ban has been already imposed by the State Govt., on sale, purchase, manufacturing and stock of plastic carry bags. The Ministry of Environment, forest And Climate change vide its notification dated 12.08.2021 has banned Single use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single use plastic will be complied with.	ALL Local bodies/PPCB	The Ministry of Environment, forest And Climate change vide its notification dated 12.08.2021 has banned Single use plastic with effect from 1.07.2022. Further, the guidelines of the Centre and State Govt., regarding banning of single use plastic will be complied with.
11.	Segregation, collection, storage, transportation of plastic waste and channelizing of recyclable plastic waste fraction to recycler having valid registration. (Directions of Hon'ble NGT in EA	Gap in arrangement for plastic waste disposal.	Department of Urban Development / DDPO- Recyclable plastic waste is collected, transported and stored separately by all ULBs. Currently such	All Local bodies & DDPO	Department of Urban Development (for ULBs):- 31.12.2021 DDPO:- 31.03.2022 For preparation

	no. 13/2019 dated 08.01.2021)		plastic is being stored at MRF. Contract For channelization/ processing will be signed with the authorized agency for the recycling of the plastic waste.		of Action Plan
12.	Awareness to the waste generator to take steps to minimize the plastic waste and segregate plastic waste at source. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	No Gap	Awareness is being carried out on regular basis. Camp will be organized of quarterly basis.	Local bodies & DDPO	Regular activity
13.	Encouragement to the education institute to take up waste management in their curriculum and create student project for waste recycling. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	No gap	Already being followed and seminars are being organized.	DEO primary and secondary	Regular activity
14.	Directions to Gram Panchayat to perform functions such as ensuring segregation, collection, storage, transportation, plastic waste and channelization of recyclable plastic waste fraction to recyclers having valid registration. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Disposal of plastic waste in villages.	Instruction are already been given to Gram Panchayat Through BDPO's	DDPO	DDPO:- 31.03.2022 For preparation of Action Plan
15.	Creating awareness among all stakeholders about their responsibilities, and ensuring that open burning of plastic waste does not take place.	No gap	All stakeholders are being made aware regarding their responsibility. It is being ensured that open burning of plastic waste	All local bodies	Regular activity

	(Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)		does not take place. Violators are challans.		
16.	To ensure proper plastic waste management, industries may be directed to explore the possibilities of use of such wastes in construction of roads. Further industries may also be directed to collaborate with different research institutes to explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	Plastic waste use in construction of roads	Instructions will be given to the industries to explore such activities to department of industries who through research institutes	MCs, ADC(UD)and PWD	31.12.2022

(iii) C&D Waste Management

(a) Current status related to C&D Waste

Details of Data Requirement	Present Status
Total C&D waste generation in MT per day (As per data from MCs)	0.88
Does the District has access to C&D waste recycling facility?	No

(b) Identification of gaps and Action plan:

S. No.	Actionpointsfor blocks/ town municipalities /Citycorporations	Identification ofGaps	ActionPlan	Responsible agency	Timeline forcompletion ofactivity
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	<ul style="list-style-type: none"> Separate collection site in all ULBs is yet to be provided. 	Allocation of separate site for C&D will be done by each ULB.	Department of Local Govt.	31.03.2022
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	No gap. As per Solid Waste Management Cleanliness and Sanitation Bye laws Dated 11.08.20 Notification no 5/105/2020- 2lg4/139(A) MCs have fixed user fee on C& D waste which is Rs 500 per ton and will put up the proposal regarding permission system for bulk waste generators in next	Not required	Department of Local Govt.	Activity Completed

		house meeting for approval.			
3.	C&D recycling Facility	Presently there is no C&D recycling Facility in the District. No. of recycling facility required = 8 No. of recycling facility provided = 0	Construction & demolition waste recycling facility will be provided by the department	Dept. of Local Govt.	Preparation of proposal : 31.03.2022 Completion date : 30.04.2023
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Presently there is no C&D recycling Facility in the District. No. of recycling facility required = 8 No. of recycling facility provided = 0	Construction & demolition waste recycling facility will be provided by the department	Dept. of Local Govt.	Preparation of proposal : 31.03.2022 Completion date : 30.04.2023
5.	ICE on C&D waste management	No gap	Awareness will be done through media, NGOs on quarterly basis.	Dept. of Local Govt.	Regular activity

(iv) Bio medical Waste Management

(a) Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	77
Total no. of non-bedded HCF	163
No. of HCFs authorized by SPCBs/PCCs	240
Total No. of veterinary Hospitals/Dispensaries connected with Common Biomedical treatment facility (CBWTF).	240: Hospitals directly connected with CBWTF. 99: Hospitals/Dispensaries connected via nearest block level institutions
Total no. of veterinary Hospitals/ Dispensaries obtained the authorization of Punjab pollution Control Board	99
Total No. of veterinary Hospitals/Dispensaries adopted segregation of BMW through separate colour coded collections bins.	99
Total no. of veterinary Hospitals/Dispensaries complying with BMW Rules, 2016 and Maintaining record of Biomedical waste generation and its disposal to CBWTF.	99
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	0
Capacity of CBWTFs	NA
No. of Deep burials for BMW if any	0
Quantity of biomedical waste generated per day	251.05 kg/day
Quantity of bio medical waste treated per day	251.05 kg/day

(b) Identification of gaps and Action plan:

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of activity
1.	Inventory and Identification of Healthcare Facilities	<ul style="list-style-type: none"> Total HCFs identified (Bedded + non-bedded)= 240 HCFs authorized by the PPCB=240 	Regular camps are being organized to pursue the HCFs to obtain the authorization.	PPCB / Civil Surgeon	Regular activity
2.	Adequacy of facilities to treat biomedical waste	No Gap. Bio Medical waste lifted by Amritsar Enviro-Care Systems Pvt. Ltd., Village Ibban Kalan, Amritsar.	Not required	PPCB	Activity completed
3.	Tracking of Bio-Medical Waste	No Gap. Bar code system is implemented by all HCFs and CBWTFs.	Not required	PPCB	Activity completed
4.	Awareness and education of healthcare staff	No Gap Training has been organized for all stakeholders from time to time. One camp will be organized in a quarter.	Not required	PPCB and Health Department	Regular activity
5.	Adequacy of Funds	No gap	Private HCFs = Funds available Govt., HCFs = Funds Being arranged	Civil Surgeon	31.10.2022
6.	Compliance to Rules by HCFs and CBWTFs	No gap, to check the compliance regular monitoring is being done.	BMW Rules, 2016 are complied with except provisions of ETPs cum STPs	PPCB, HCFs, CBWTF and civil surgeon	Regular activity
7.	District Level Monitoring Committee	District Level Monitoring Committee has been constituted	Meetings are taken on monthly basis District Environment Committee.	District Administration and	Regular Activity

				PPCB, Civil Surgen	
8.	Wastewater Treatment	<ul style="list-style-type: none"> Total HCFs Required ETP=77 Total HCF install ETPs=4 	HCFs are being pursued to install the ETP. The meetings are being held with the association members.	PPCB	<ul style="list-style-type: none"> The timelines vide Board order no. 468 dated 31.08.2021 timeline has been given as 31.03.2022. The HCF will submit a Bank Guarantee to the Board as an assurance to submitted analysis results and installation of appropriate and adequate system to archived prescribed standards. In case sample fail to achieve the prescribed standard.
9.	Disposal of radioactive materials. With the proliferation of radiotherapy, nuclear medicine, X Rays, CT Scans and other equipment's using radioactive materials. (Directions of Hon'ble NGT in OA no. 710 of 2017 dated 18.01.2021)	<p>Already Being Complied.</p> <ul style="list-style-type: none"> Most of the Hospitals now have provided the digital X-Ray, hence no such waste is generated from digital X-ray. The Hospitals which have not provided the digital x-ray machine have made the agreement with the authorized agency for the disposal of its waste. 	Already Being Complied.	Health department	Activity Completed

(v) Hazardous Waste Management

(a) Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	4
Quantity of HW in the district (MT/Annum)	141.98
Quantity of Incinerable HW (MT/Annum)	0.2
Quantity of land-fillable HW(MT/Annum)	Nil
Quantity of Recyclable/utilizable HW(MT/Annum)	Recyclable=141.78 Utilizable=0
Nos. of captive/common TSDF	-
Contaminated sites or probable contaminated sites	0
Monitoring of ground water of common TSDF.	No common TSDF falls in the District Ferozepur

(b) Identification of gaps and action plan:

No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Time line for completion of activity
1.	Regulation of industries and facilities generating Hazardous Waste	<ul style="list-style-type: none"> Total industries identified =4 Authorized by the PPCB=4. 	Regular Activity	PPCB	Regular activity
2.	Establishment of collection centers	Each hazardous waste generating industry has provided impervious hazardous waste storage room for temporary storage of hazardous	The industries generating hazardous waste have already executed an agreement with TSDF and authorized recyclers for disposal of hazardous waste. However, a continuous	PPCB	Regular activity

		waste till its final disposal to hazardous waste disposal site	follow up will be made to rule out unscientific disposal of hazardous waste by the industrial unit		
3.	Training of workers involved in handling/recycling/disposal of HW	Industries generating HW already identified	The workers are being trained time to time. One training program will be provided in a quarter.	Department of Industries	Regular activity
4.	Availability/Linkage with common TSDF or disposal facility	The industries generating HW have access to common TSDF in the State. No. of units identified linked with CTSDF =4	The industries generating HW have access to common TSDF in the State.	PPCB	Activity completed
5.	Contaminated Sites	No Contaminated Site	No Contaminated Site	Local Bodies, DDPO and PPCB	No Contaminated Site

(vi) E-Waste Management

(a) Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	0.1
Collection centers established by ULBs in the District	0
Collection centers established by Producers or their PROs	3
Nos. 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-	Inventorization of E-Waste in	Completion of	PPCB	30.04.2022

	Waste / Bulk-waste generators	the District. Inventory of bulk waste generators is under process.	inventory		
2.	E-Waste collection points	Separate collection site in all ULBs is yet to be provided.	Allocation of separate site will be done by each ULB.	Department of Local Govt.	30.04.2022
3.	Linkage among Stakeholders dechannelize-Waste	Linkage among Stakeholders to channelize E-Waste is being done	Work under progress	MC/NP	31.03.2022
4.	Regulation of Illegal E-Waste recycling /dismantling	Not initiated	Surprise visits will be made to identify illegal e-waste recyclers / dismantlers	District Administration & PPCB	Execution starts from 01.01.2022 Completion date : 31.12.2022
5.	Integration of informal sector	Being done	-	District Administration & PPCB	31.10.2022
6.	Awareness and Education	Regular activity	Quarterly Special workshops and awareness campaigns through Producers/PROs will be carried out.	District Administration & PPCB	Regular Activity
7.	Identification of Producers who have not obtained, EPR Authorization (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity and will be followed.	This is a continuous activity and will be followed.	SPCBs/ PCCs/Custom department	Regular activity
8.	Verification of quantity of e-waste collected by producers (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous Activity. All the EPR Authorized Producers will be verified per year	This is a continuous Activity. All the EPR Authorized Producers will be verified per year.	PPCB	Regular activity
8.	Verification of systems provided by producers for collection and channelization of	This is a continuous Activity. All the EPR Authorized Producers will be verified per	This is a continuous activity. All the EPR Authorized Producers will be verified per year.	PPCB	Regular activity

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

	512/2018 dated 15.01.2021)		quarterly basis by Hon'ble Deputy Commissioner-cum-Chairman of District Environment Committee.	Local bodies	
16.	Allocation of proper space to the existing and upcoming industrial units for e-waste dismantling and recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	State Government has already planned the focal points for industrial units. Proper space will allocated to the existing and upcoming industrial unit for E waste dismantling and recycling facility.	PSIEC	Already done
17.	Recognition and registration of workers involved in dismantling and recycling, undertake industrial skill development activities for the workers involved in dismantling and recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Recognition and registration of workers involved in dismantling and recycling and industrial skill development activities for the workers involved in dismantling and recycling will be done on regular basis	Labour Department	Regular Activity
18.	Annual monitoring to ensure health and safety of workers involved in such activities. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	Will be Ensured on Annual basis.	Director of Factories	Regular Activity
19.	Separate waste deposition centers for domestic E-waste which helps in easy segregation of E-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Separate waste deposition centers for domestic E-waste	Domestic hazardous waste deposition centers will be established with the each secondary collection point.	All Local Bodies	31.12.2022 as same will be established with the secondary points and establishment of the compactor.

3. AIR QUALITY MANAGEMENT

(a) Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./PSU agency: - Operated by Industry:	Nil Nil
Number of manual monitoring Stations operated by SPCBs	1
Name of towns/ cities which are failing to comply with national ambient air quality stations	0
Nos. of air polluting industries	225
No. of unit installed APCD	225
Status of Air Consent	<ul style="list-style-type: none"> Regular activity Total no. of industries requiring consent to operate under Air Act, 1981 <p>Red = 29 Orange =243 Green=19</p> <ul style="list-style-type: none"> Total no. of units having valid consent as on 31.08.2021 <p>Red =28 Orange =215 Green=17</p> <ul style="list-style-type: none"> Timeline for grant of consents to the balance units not having valid consent. : Regular activity, action under the suitable provisions of the Air Act, 1981 will be initiated against the units.
Prominent air polluting sources	Industry, Road dust, transport, Burning of biomass & Vehicular pollution.

(b) Identification of gaps and action plan:

S. No.	Action points	Gap & Indicative Action Plan	Responsible agency	Timeline for completion of activity
1.	Identification of prominent air polluting sources?	Following sources have been identified:- Industry, Road dust, transport, Burning of biomass & Vehicular pollution.	PWD, Agriculture Department & PPCB	Activity Completed
2.	Ambient Air quality data?	The web link of the same is https://ppcb.punjab.gov.in/en/air-quality	PPCB	Completed
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	No CAQM station installed yet as the city does not fall in the list non-attainment cities.	PPCB	Not yet prescribed.
4.	Awareness on Air Quality	Awareness in this regard is being done on regular basis. The data is also given in public domain for awareness to the public at official website of the PPCB. The web link of the same is https://ppcb.punjab.gov.in/en/air-quality	PPCB	Regular activity
5.	Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns	No brick kiln should be operation without adoption of induced draft technology.	PPCB/DFSC	Regular activity
6.	Maintain pothole free roads / timely patchwork on roads	PWD Patchwork of roads is continuous process. As and when potholes develop on roads the same are got repaired as soon as possible.	MCs and PWD	Regular activity
7.	Procurement of Mechanical sweeping machines	<ul style="list-style-type: none"> • ULBs have not provided mechanical sweeping machines. 	Dept. of Local Govt.	Time Target: 31.12.2021
8.	Plantation of trees along highways, drains, Nallahs in colonies and canals etc.,	<ul style="list-style-type: none"> • Plantation has been done already in various urban estates and the further plantation will be done accordingly when new land will be acquired. • The industries / STPs were also planted trees during this monsoon. 	MCs / Divisional Forest Officer	Regular activity
9.	Greening of parks, open areas, community places, schools and	Plantation drive will be carried out on regular basis to have a more plantation at different locations.	PPCB, Forest Dept.	Regular activity

	housing societies			
10.	Kaccha/Brick Paved Roads to be made Pucca roads	Regular activity	Dept. of Local Govt.	30.06.2022
11.	Existing roads requiring recarpeting	Regular activity	Dept. of Local Govt., PWD, BDA, PSIEC	Regular activity
12.	Public awareness campaign for control of vehicular emissions	The camps are being organized regular basis. Facebook, Twitter & Instagram) is also being used to spread traffic awareness. Quarterly camp will be organized for awareness.	Traffic Police, Transport	Regular activity
13.	Extensive drive against polluting vehicles	The extensive drive against polluting vehicles already initiated by the Police department.	Traffic Police	Regular activity
14.	Prevention parking of vehicles in non-designated areas by enforcement actions	The extensive drive already initiated by the Police department to prevent parking of vehicles in non-designated areas and issuing challans to the violators.	Traffic Police	Regular activity
15.	Phasing out commercial diesel vehicles more than 15 years old	Scheme under consideration.	Transport	Time Target: 31.12.2022
16.	Promotion of E-Vehicles	E-Rickshaw being registered.	Transport	Regular activity
17.	Infrastructure development for additional of CNG based autos/taxis	Regular activity	DFSC	Regular activity
18.	Control of open burning of bio-mass.	Regular inspection is carried out.	Dept. of Local Govt.	Regular activity
19.	Dissemination of Air Quality Index by installing CAAQMS	No CAQM station installed yet as the city does not fall in the list non-attainment cities.	PPCB	Not yet prescribed
20.	Dissemination of Air Quality Index by installing display boards in the city	No CAQM station installed yet as the city does not fall in the list non-attainment cities.	PPCB	Not yet prescribed
21.	Quality Management Division(AQMD) at PPCB (HQ) Establishment of an Air	Work is under progress.	PPCB,	31.03.2022

22.	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
23.	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 is being done by public participation mode.	Department of forest	Regular Activity
24.	Carrying capacity and source apportionment study of non-attainment Cites.	There is no non-attainment city falls under the jurisdiction of District Ferozepur.	-	-
25.	For development of plantation along the highways.	The area alongside highways where plantation can be done is declared forest area. During suitable season for plantation PWD will coordinate with department of forest for plantation.	PWD Department of Forest	/Time target: 31.12.2021
26.	Steps to be taken for management of agriculture waste/residue	<ul style="list-style-type: none"> • Machines for crop residue management have been given to the farmer, to custom hiring centre and to cooperative societies at subsidies rates under In-situ Management of Crop residue Scheme. • Beside above, IEC activities like farmer training camps, Hoarding and field demonstrations are also being carried out to spread the awareness among farmers through the years. • Agriculture Dept. has so far distributed 5204 crop residue management machines and further distribution is under process as per demand by the Panchayats / Registered farmer groups / individuals / cooperative societies during the harvesting season. 	Agriculture department	Seasonal Activity.

4. WATER QUALITY MANAGEMENT

(a) Water Quality Monitoring

- Current Status related to Water Quality Management

Details of Data Requirement	PresentStatus
Rivers	1
Length of Coast line (if any)	Nil
Drains	4
Lakes/Ponds	727
Total Quantity of sewage from towns and cities in District	34MLD
Quantity of industrial wastewater	3.88 MLD
Percentage of untreated sewage	20.5%
Ground water polluted area if any	Nil
Polluted river stretches if any	Nil

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of activity
1.	Inventory of water bodies	Rural = 694 ponds Urban = 8 ponds (as per Action plan for rejuvenation of ponds dated 31.05.2020)	Dept. of Rural Development & Panchayats and Urban Development	Regular activity
2.	Quality of water bodies in the district	The monitoring of rivers, drains are already being carried out and data is being maintained.	PPCB / Deptt. Of Water Resources and Dept. of Rural	Regular activity

		https://ppcb.punjab.gov.in/en/water-quality	Development & Panchayats	
3.	Hotspots of water contamination	Identified and given in the Sutlej Action Plan web link is https://ppcb.punjab.gov.in/en/action-plans	PPCB, MCs and Dept. of Rural Development & Panchayats.	Regular activity
4.	Protection of river/lake water front	Awareness is being carried out in the public to stop the dumping of solid waste in river/Nallah. Challans are also issued to the violators	Department of urban development and Dept. of Rural Development & Panchayats.	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 . Concerned departments shall carry out regular survey of various drains, rivers to identify the sources.	PPCB/ Department of Water Resources	Regular activity
6.	Oil spill disaster management(for coastal districts)	Not applicable	Not applicable	Not applicable
7.	Protection of flood plains	Not applicable	Not applicable	Not applicable
8.	Rejuvenation of groundwater	Action plan for Rain water harvesting prepared by CGWB. http://cgwb.gov.in/gwresource.html	Department of Water Resources / DDPO/ PUDA	Regular Activity
9.	Complaints redressal system	Mobile App/Online Complaint redressal system already developed. The web link is https://connect.punjab.gov.in/grievance/save	PPCB	Activity Completed

(b) Domestic Sewage

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

Details of Data Requirement	Present Status
No of Class-II towns	3
No of Class-I towns	1
No of Towns STPs installed	4
No of Towns needing STPs	4
No of ULBs having partial underground sewerage network	1
No of towns not having sewerage network	3
Total Quantity of Sewage generated in District from Class-II cities and above	28 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	27MLD
Quantity of untreated or partially treated sewage(directly or indirectly)	7 MLD
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	34 MLD

- 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 activity
1.	Sewage Treatment Plants(STPs)	(i) STP Ferozepur : STP of capacity 18 MLD installed	Dept. of Local Govt., ADC(UD) and PWSSB	Activity completed

	(ii) STP Zira: STP of capacity 8 MLD installed	Dept. of Local Govt., ADC(UD) and PWSSB	Activity completed
	(iii) STP Makhu: STP of capacity 4 MLD installed	Dept. of Local Govt., ADC(UD) and PWSSB	Activity completed
	(iv) STP Talwandi Bhai: STP of capacity 4 MLD installed	Dept. of Local Govt., ADC(UD) and PWSSB	Activity completed
	(v) STP Guru Har Sahai : STPs of capacity 4 MLD & 1 MLD are under installation	Dept. of Local Govt., ADC(UD) and PWSSB	31.03.2022
	(vi) STP Mallanwala Khas : Yet to be installed Estimate has been prepared of Rs. 14.68 Cr. And sent to Head Quarter for approval. For the treatment of sewage of the town, the Nagar Panchayat has provided 4 chambers, having interconnectivity to each other, as components of treatment system based on Seechewal Model. The treatment mechanism has not been commissioned.	Dept. of Local Govt., ADC(UD) and PWSSB	When DPR gets approved under this scheme, the tendering process will be started and work will be completed within 24 months. Commissioned
	(vii) STP Mamdot : Yet to be installed DPR amounting to Rs. 12.82 Cr. of main sewer, MPS & STP only is under checking / approval. For the treatment of sewage of the town, the Nagar Panchayat has provided 4 chambers, having interconnectivity to each other, as components of treatment system based on Seechewal Model.	Dept. of Local Govt., ADC(UD) and PWSSB	When DPR gets approved under this scheme, the tendering process will be started and work will be completed within 24 months. Commissioned

		<p>(viii) STP Mudki : Yet to be installed</p> <p>Estimate has been prepared of Rs. 11.14 Cr. And sent to Head Quarter for approval.</p> <p>Treatment facility in the form of 4 number tanks closed from the top has been provided.</p>	<p>Dept. of Local Govt., ADC(UD) and PWSSB</p>	<p>When DPR gets approved under this scheme, the tendering process will be started and work will be completed within 24 months.</p> <p>Commissioned</p>
2.	Underground sewerage network	<p>Sewerage network is already being laid out in the cities. The percentage of sewerage laid is as under:-</p> <ol style="list-style-type: none"> 1. Municipal Council, Ferozpur = 100% 2. Municipal Council, Zira = 100% 3. Municipal Council, Guru Har Sahai = 50% 4. Municipal Council, Talwandi Bhai =100% 5. Nagar Panchayat, Makhu = 100% 6. Nagar Panchayat, Mudki = Nil 7. Nagar Panchayat, Mallanwala Khas = Nil 8. Nagar Panchayat, Mamdot = Nil 	<p>Dept. of Local Govt., ADC (UD) & PWSSB</p>	<p>Timeline for completion for sewerage system for</p> <p>MC Guru Har Sahai : 31.03.2022</p> <p>NP Mudki: Work shall be completed within 24 months after arrangement of funds.</p> <p>NP Mallanwala Khas: Work shall be completed within 24 months after arrangement of funds.</p> <p>NP Mamdot: Work shall be completed within 24 months after arrangement of funds.</p>
3.	Setting up of real time water quality monitoring system to monitor the quality of water	<p>Installed and in operation</p>	<p>PPCB</p>	<p>Activity completed</p>

4.	<p>Operation and Maintenance of STPs</p> <p>(i) Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner</p>	Completed, no gap	Dept. of Local Govt. and PWSSB	PWSSB has informed that Funds have been tied up.
	<p>(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</p>	Proper in-house laboratory has been provided with the STPs of Ferozepur, Zira, Talwandi Bhai & Makhu	PWSSB	Already completed

5.	Provision of necessary treatment facilities in village ponds so that no untreated or polluted water enters river directly or indirectly through various drains or creeks. (i)Finalization of appropriate technology	Technology already finalized	Department of Rural Development & Panchayats	Activity completed
	(ii)Arrangement of Funds for treatment technology in various villages identified in the Action Plan	No. of village ponds for which funds treatment technology arranged: 36 The work for arrangement of funds for the remaining village is under process.	Department of Rural Development & Panchayats	31.12.2022
	(iii)Reuse of water for agriculture purpose in villages.	No. of village ponds for which irrigation scheme has been implemented: Nil	Department of Rural Development & Panchayats, Soil conservation department.	31.07.2023
	(iv)Proper operation and maintenance of treatment facilities installed in village ponds	No. of village ponds for treatment facilities installed: Nil	Department of Rural Development & Panchayats	31.07.2023

6.	Checking of health indices of the inhabitants & maintaining database.	Camps are organized on monthly basis	The Department of Health and Family Welfare	Regular activity
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.	ADC (D), DDPO/ Xen, Panchayati Raj	Preparation of action plan 31.03.2022 Execution starts from 30.06.2022 Completion: <ul style="list-style-type: none"> • 209 village panchayats upto 30.06.2023 • 209 village panchayats upto 30.06.2024 • 209 village panchayats upto 30.06.2025 • 209 village panchayats upto 30.06.2026
8.	Guidelines for control of pollution and enforcement of Environmental Norms in marriage halls, banquet halls, party venues etc. along with consent management system. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB	PPCB / Local Govt/ District Administration / Dept. of Fire Safety	31.12.2022

9.	Installation of ETP in all big units (marriage halls, banquet halls, party venues etc) which are not connected with the sewer lines. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	<ul style="list-style-type: none"> • Being implemented as per guidelines framed by CPCB. • Total no. of units: 27 • No. of units having installed ETP / STP: Nil, remaining units have provided oil & grease trap followed by septic tank as treatment facility • Gap: Nil. New identification is being done and after identification the units will be directed to provide treatment facility 	PPCB	31.12.2022
10.	All the units having kitchen should have proper ducting arrangement. The units using DG sets must have the proper stack height. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022

11.	The local authorities/ corporations should carry out inventory of the dairy farms and gaushalas. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	All ULBs have inventory of Gaushala and Dairy farms available with them.	All Local Bodies	30.06.2022
12.	The local bodies/municipal corporations shall publish a public notice in newspapers and on their website for registration of dairy farms and gaushalas per municipal law. (Directions of Hon'ble NGT in OA no. 400/2017 dated 04.02.2021)	The Public notice will be given in the Newspaper and on the website of local body for registration of dairy farms and gaushalas	All Local Bodies	Timeline for registration= 31.03.2022

13.	<p>The District Collectors of all the Districts are directed to constitute monitoring committees to monitor the Extraction of Ground Water by the individuals for commercial purposes. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)</p>	Such Committees will be constituted	District Administration	31.12.2021
14.	<p>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</p>	Noted for compliance and will be assured.	All local bodies & Department of Rural Development & Panchayats	Regular activity

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

17.	The Water Management Plans, data on water availability or scarcity and policy of CGWA must be uploaded on its website for transparency and public involvement. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Noted for compliance and will be assured.	PWRDA	31.03.2022
18.	The District Magistrates have been directed to take up one pond per village for its rejuvenation, this year. (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	Total ponds = 694	Department of Rural Development & Panchayats	31.08.2022

19.	Active efforts be made in close coordination with technical bodies to tap excess runoff of rivers/canals during rainfall season to recharge old water bodies and retain water in new ponds to be constructed specifically for the purpose (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	A proposal will be prepared in coordination with technical bodies to tap excess run of rivers / canals to rainfall season to recharge old water bodies and to retain water in new ponds.	Department of Water Resources (Drainage)	Timeline for identification : 31.10.2022 Timeline for completion :31.10.2026
20.	Land owning agencies must ensure that every water body has unique ID for its identification. There should be retagging of the water bodies to prevent encroachment. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Already implemented	Drainage Department	Activity Completed

21.	Awareness among public to set up Rainwater Harvesting System and about its utility should be enhanced. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Public announcements done regarding rain water harvesting time to time by all ULBs.	Local Bodies	Regular Activity
22.	Installation of STP will be mandatory for all residential apartments/group housing societies where groundwater requirement is more than 20 m3/day for getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Directions being already followed.	Department of urban development /GLADA	Regular Activity

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)	Directions will be followed. Time line for Preparation of plan = 31.03.2022.	Local Govt., ADC (UD)& PWSSB	ADC(UD) & PWSSB Time line for Preparation of plan = 31.03.2022. Time line for implementation of plan = 30.09.2022.
24.	Control of illegal extraction of groundwater. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Efforts are being made to control illegal extraction of ground water. Inspection regarding same is being done time to time by ULBs	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 District Magistrate Ferozepur.	District Heads of concerned departments and District Administration.	<ul style="list-style-type: none"> Monthly Meetings shall be taken by District Head of concerned department for the review of activities of this plan and nodal officer of concerned department will submit the reports to the District Environment Committee and PPCB on monthly basis. Monthly Meetings shall be taken by the District Administration along-with District Environment Committee.
26.	Appointment of Nodal officer with contact number	All the departments have appointment the Nodal officer and list is attached as Annexure-X	All concerned departments	Completed
27.	Preparation of operational manual of STPs for the effective and efficient operation of the STPs of the state.	It is under preparation.	PPCB	Time target: 31.12.2021
28.	Enhancement of capacity of existing ponds/ water bodies and creating of new water harvesting structures.	A. Existing Ponds(Total) = 694 B. No. of Ponds whose Capacity has been enhanced = 40 by de-silting C. New ponds = Nil Source of Funds above activities: Gram Panchayat Fund, Finance Commission, MGNrega.	Department of Rural Development & Panchayats	Timeline: 31.10.2023

29.	Usage of treated sewage for sprinkling purposes for sweeping of roads to control dust pollution.	Yet to be started	Local Govt.	Regular activity
30.	Utilization of STPs sludge	STP sludge issued to the farmers as manure.	Dept. of Local Govt. / PWSSB	Regular activity
31.	Framing policy for the management of highly contaminated Feecal sludge generated from the rural areas.	Progress achieved: State level policy matter and time target for framing of policy will be informed after taking up matter at higher level.	DDPO	Policy approved and notification is yet to be issued
32.	Reuse of treated effluent through existing STPs (OA no. 496/2016 dated 22.01.2021)	<ul style="list-style-type: none"> • STPs where Irrigation schemes have been completed and working = 0 • Irrigation schemes are yet to provided/work under process =4 <ol style="list-style-type: none"> 1. STP Ferozepur (18 MLD):Survey done for underground pipeline and estimate will be prepared by Punjab Irrigation & Farm solution Mullanpur (LDH). Funds were demanded for this project. 2. STP Talwandi Bhai (4 MLD) : Estimate of amount 1,41,41,688/- sanctioned by the department. Tender of this project allotted to Punjab Irrigation & Farm solution Mullanpur (LDH). 3. STP Zira (8 MLD) : Estimate of amount 3,04,26,735/- sanctioned by the department. Tender of this project allotted 	Department of Soil conservation, ULBs/PWSSB	<p>For 4 number MCs namely Ferozepur, Talwandi Bhai, Zira and Makhu, the STPs have been operating and tentative timeline for laying of irrigation network to utilize the treated sewage of existing STPs is 31.12.2022.</p> <p>As and when new STPs are installed and made operational for remaining ULBs, treated waste water will be re-used for irrigation purposes</p>

		<p>to Punjab Irrigation & Farm solution Mullanpur (LDH) . Work of jointing of HDPE pipe started by the firm,</p> <ol style="list-style-type: none"> 4. STP Makhu (4 MLD) : Survey done for under ground pipeline and estimate will be prepared by Punjab Irrigation & Farm solution Mullanpur (LDH). Funds were demanded for this project. 5. STPs of Guru Har Sahai (4 MLD& 1 MLD) : STP yet to be commissioned. 6. Mamdot : STP yet to be commissioned. 7. Mallanwala Khas : STP yet to be commissioned. 8. Mudki : STP yet to be commissioned. 		
33.	Installation, operation & maintenance of online continuous effluent monitoring system with flow meter as well as CCTV cameras for the existing STPs as well as new STPs to be installed.	<ul style="list-style-type: none"> • Total STP=4 • OCEMS Provided=4 	PWSSB	Already done
34.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated sewage.	Proposal Yet to prepare	MCs/NPs	31.12.2022

5. INDUSTRIAL WASTE WATER MANAGEMENT

(a) Current Status related to Industrial Waste water Management

Number of Red, Orange, Green and White industries in the District	Red Category unit=29, Orange Category unit =243, Green Category unit=19
No of Industries discharging wastewater	44
Total Quantity of industrial wastewater generated	3.89 MLD
Quantity of treated industrial waste water discharged into Nalas/ Rivers	Nil
Common Effluent Treatment Facilities	Installed =0 Under installation= 0
No of Industries meeting Standards	Regular activity, as industries are being monitored as per protocol prescribed by CPCB / PPCB
No of Industries not meeting discharge Standards	Regular activity, as industries are being monitored as per protocol prescribed by CPCB / PPCB

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of activity
1.	Compliance to discharge norms by Industries	Necessary action is being taken against the industries not meeting the standards.	PPCB	Regular activity
2.	Complaint redressal system	Online compliant system already developed and web link is https://connect.punjab.gov.in/grievance/save	PPCB	Activity complied
3.	Installation of Electromagnetic flow meters at inlet and outlet of ETP.	44 no. industry have already installed the EMF meters at the outlet of ETP. The industry will be directed to provide the	PPCB	30.04.2022

		same at the inlet of ETP.		
4.	Inspection of units to check compliance	Inspection already being made	PPCB	Regular activity

6. MINING ACTIVITY MANAGEMENT PLAN

(a) Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	Sand Mining
No of licensed Mining operations in the District	22 no.
%Area covered under mining in the District	0.024% of total Distt Area
Area of Sand Mining	52.37 Hect.

(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	Mining activity is carried out at 22 number locations in district Ferozepur, and proper monitoring is carried out by the Department time to time.	Department of water resources	Regular activity
2.	Inventory of illegal mining if any mining	No illegal mining activity is carried out in the jurisdiction of district Ferozepur	Department of water resources	Regular Activity
3.	Environment compliance by Mining industry	Regular surveillance, patrolling is being carried out to check the compliance.	Department of water resources	Regular activity
4.	Demarcation of boundaries for regulating grant of sand mining lease. (Directions of Hon'ble NGT in OA no. 360/2015 dated	Demarcation of Mining lease has been carried out before granting the final approval to the contractor/leasee and the	Drainage Department	Regular Activity

	26.02.2021)	same has been checked on regular basis by concerned Revenue Department in presence of Mining Department by DGPS System.		
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)	i. As per the guidelines, there is provision for obtaining E.C before commencement of mining. ii. According to the SSMMG, 2016 issued by MOEF&CC, mining work is restricted from riverbed during the monsoon season. (Thus in the month of July, August and September in the State.)	Drainage Department	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)	The conditions mentioned in the Environmental Cleanliness Certificate issued by the State Level Environment Impact Authority (SEIAA), are being followed. No Mining operations in the leveled riverbed shall be carried out beyond the depth of 3 meters or water level whichever is less/lower.	Drainage Department	Regular activity
7.	District authorities shall seize all sump pumps, other machinery, tools, vehicles, etc. used for carrying out illegal sand mining. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Machinery/vehicles/tools/sumps-pumps found on illegal mining spot is being seized by the Concerned Authorities and handed over to the Police Administration.	Drainage Department	Regular activity
8.	Any penalty imposed or not by concerned Department to cover the restoration cost of environment and to compensate the victims. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	While examine the illegal mining spot penalty imposed by the concern department by following the proper guidelines laid by Govt./Hon'ble NGT from the land owners and the Machinery owners.	Drainage Department	Regular activity

9.	Status of a detailed restoration plan for the concerned river and its river beds. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Mining work is being done on basis of approved mining scheme by including the restoration plan in the mining plan which is recommended by Concerned Mining Officer & approved by State Geologist, Pb.	Drainage Department	Regular Activity
10.	Status of CCTV Cameras installation at mining points to verify the amount of sand extracted. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	CCTV cameras has been installed at mining points and integrated with Govt. Web-Portal.	Drainage Department	Installed
11.	Status of regular patrolling by the police to inspect the mining operations. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Police patrolling is being done on regular basis.	Police Department	Regular activity
12.	Status of daily reports regarding mining to be filed by SHO/ Mining officer to be sent to District Magistrate. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Regular checking's and inspections are conducting for prevention of illegal mining activity in District by the Special Flying squads time to time and when required & for daily patrolling/checking and regular checking's the report has been sent to DC/DM/DMO.	Police Department & Drainage Department	Being followed.
13.	Status of vehicles confiscation. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	In Compliance of the Rules and Guidelines laid down by State Govt. & Hon'ble NGT, illegal mining activity is being checked by the teams and such vehicle involved in illegal mining is being confiscated.	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	The process for establishment of Monitoring System in the State by the Head Office, Water Resources Department, Pb. Chandigarh is under process, Publication for tender has been done the Head Office.	Drainage Department	Tender has been done, time of completion 31.10.2023.

	26.02.2021)			
15.	Necessary steps to be taken by District Administration for the effective monitoring mechanisms for preventive and remedial measures including surveillance system for recovery of compensation. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	District Administration has constituted Flying Squad Teams for regular checking's and inspections for proper monitoring the illegal mining activity in District & Night Duty Roaster of Diff. Department Official's has been prepared for Night time Inspection has been prepared on monthly basis by District Administration (Ferozpur) Moreover, The process for establishment of Monitoring System in the State by the Head Office, Water Resources Department, Pb. Chandigarh.	Drainage Department	Regular activity
16.	Electronic surveillance through UAVs/Remote Sensing is a good surveillance option especially in areas where sand mafias are active. Night vision drones could be used for checking mining activity at night. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	The process for establishment of Monitoring System (Electronic Surveillance through UAVs/Remote Sensing) in the State by the Head Office, Water Resources Department, Pb. Chandigarh is under process, Publication for tender has been done the Head Office.	Drainage Department	Tender has been done, time of completion 31.10.2023.
17.	Sensitive spots need to be identified and police presence- both static presence and dynamic patrolling needs to be beefed up there. DMs / SSPs be made directly responsible for checking illegal mining. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Police presence- both static presence and dynamic patrolling is being done on sensitive spots.	Police Department	Regular Activity
18.	Storage Godowns should be at least 5 kms away from the river bank. Otherwise, illegal mining can be carried on under the garb of storage by the leaseholder himself. (Directions of	The storage godowns/ stock yards established outside the river bank and maximum storage godowns more than 5kms from the pit site, after proper demarcation and assessment of the minor	Drainage Department	Regular Activity

	Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	mineral with the help of revenue department, pillaring/ fencing of the storage/stock yard is done on site and enteries of that storage/stock is entered in Govt. Portal. However, during the upcoming moonsoon season more effective measures will be taken up for compliance of this guideline.		
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)	Demarcation of Mining lease has been carried out before granting the final approval to the contractor/leasee and the same has been checked on regular basis by concerned Revenue Department in presence of Mining and pillaring is carried out on site to ensure that mining activity is as per the approved mine plan.	Drainage Department	Completed
20.	There has to be a mechanism to ensure that the actual mining activity conforms to the approved Mining Plan and the approved Environment Management Plan (EMP). Besides the statutory system of Departmental inspections, there has to be a system of annual mandatory Environmental Audit by experts. Environment Department can empanel some experts/expert institutions with standard TORs and Remuneration terms which could be utilized by the Mines Department on a regular basis. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	In state of Punjab, a Govt. Web Portal has been introduced for the transparent function of extraction/ transportation/ sale of minor mineral. In which the record of extraction is maintained and a team of experts audits this system annually. To bring the transparency in system, each weightment slip provided to the transportor, contains a QR Code & can be scanned by any smart phone available in market, to get the desired information of the minor mineral.	Drainage Department	Regular Activity

21.	There has to be an effective mechanism for restoration of environment in case of its degradation due to mining. A portion of the royalty could be reserved for it as Environment Restoration Fund. The Environment Department can empanel some reputed institutions 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)	At present stage no such problem or situation occurs in District Ferozepur & during the mining activity in Agricultural/non riverbed mine area, the plantation is being carried out in the land under the mine lease if it belong to the state/central Govt., & where-ever the land belongs to the private land owners the crops/farming is being done by the owners, so that the land with sandy strata is converted into the fertile land by removing the sand in such land.	Drainage Department	31.12.2021
22.	States/UTs to strictly follow the SSMG-2016 read with EMGSM-2020 reinforced by mechanism for preparation of DSRs. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	The DSR of District Ferozepur is uploaded on the website of District Ferozepur. During the action against illegal mining activity, if any type of vehicle (Tractor Trolley/Truck/Tipper/JCB/Poclaim/ other vehicle) got impounded/seized during the action, after the proper legal procedure taken by the concerned department the such vehicle is released.	Drainage Department	Regular Activity
23.	Annual reports on the subject and such annual reports may be furnished to MoEF & CC by 30th April every year giving status till 31st March. First such report as on 31.03.2022 may be filed with the MoEF&CC by all the States/UTs on or before 30.04.2022. (Directions of Hon'ble NGT in OA no. 360/2015 dated 26.02.2021)	Needful will be done.	Drainage Department	30.04.2022

7. NOISE POLLUTION MANAGEMENT PLAN

(a) Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Name of agency = Police and PPCB Nos. of analyzers required =9 Nos. of analyzers available =1 Timeline to arrange balance noise analyzers = 8(By Police Department i.e. one meter to each SHO)

(b) Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Availability of Sound/Noise Level Meters.	<ul style="list-style-type: none"> Nos. of analyzers required = 9 Nos. of analyzers available = 1 Timeline to arrange balance noise analyzers = 8 (By Police Department i.e. one meter to each SHO) 	PPCB and Police Department	30.06.2022
2.	Ambient Noise Level monitoring	Ambient noise level monitoring stations are to be installed in various towns of the District.	PPCB/ULBs	30.09.2022
3.	Signboards in Noise zones	Signboards are installed at sensitive zones. More signboard will be installed	ULBs	30.04.2022
4.	Complaint redressing system	Public complaint redressal system already established in the district and web link is https://connect.punjab.gov.in/grievance/save	District Administration, Police Department and PPCB	30.04.2022
5.	Checking of pressure horn of vehicles	Regular checking of vehicle is being done by the police department and same activity will be continued.	Police Department.	Regular activity. The checking will be done twice in a month.

List of Nodal Officers (Annexure-X)

List of the Nodal Officers of the stakeholder Departments

Sr no.	Name of the Department	Nodal Officer Name	Designation	Mobile no.	Email Id
1.	The Additional Commissioner (Urban Development), Ferozepur /Joint Deputy Director, Local Bodies	Sh. Kulwant Singh	Joint Deputy Director, Local Bodies	94172-80369	adcudfzr@yahoo.com
2.	Punjab Pollution Control Board	Sh. Anish Sharma	Asst. Environmental Engineer	70873-00291	ppcbfdk@yahoo.com
3.	Regional Transport Authority	Sh. Pradeep Dhillon	RTA	94176-86143 99140-76661	rtaferozepur05@gmail.com
4.	Police Deptt.	Sh. Harmandeep Singh Hans, IPS	SSP	99140-00962	ssp.frz.police@punjab.gov.in
5.	Distt. Development and Panchayat Officer, Ferozepur(DDPO)	Sh. Harjinder Singh	DDPO	98140-74231	ddpofzr@gmail.com
6.	District Soil Conservation Officer, Department of Soil & Water Conservation, Ferozepur	Sh. Vijay Singla	DSCO	94173-45515	dscofzr@yahoo.com
7.	Executive Engineer, Punjab Water Supply & Sewerage Board, Ferozepur / Moga	Sh. Parul Goyal	Executive Engineer, Moga	89685-49955	eepwssdmoga@gmail.com
		Sh. Pritpal Singh	Executive	84273-99114	eepwssdfzr@gmail.com

			Engineer, Ferozepur		
8.	PWD (B&R), Ferozepur	Sh. Harinder Singh	Executive Engineer	82888-29999	sdeprovlfzr@gmail.com
9.	Department of Water Resources (Drainage), Ferozepur	Ms. Ramneek Kaur	Executive Engineer (Drainage)	99152-72172	xengolewala@rediffmail.com
10.	Department of Water Resources (Canal), Ferozepur	Sh. Yadwinder Singh	Executive Engineer (Canal)	95019-30033	xeneastern.fzr@gmail.com
11.	Agriculture Department, Ferozepur	Sh. Prithi Singh	Chief Agriculture, Officer	94630-32877	caofzr@gmail.com
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