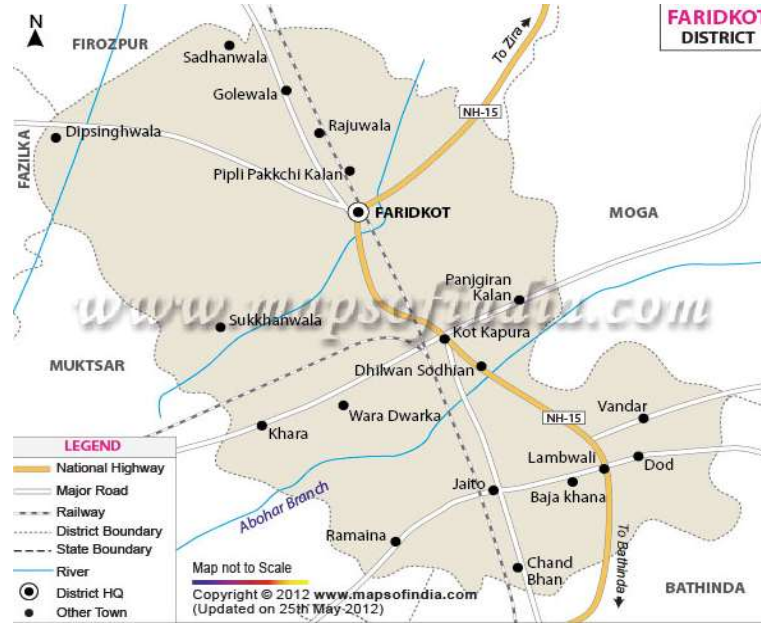


District Environment Plan-Faridkot



District Administration - Faridkot

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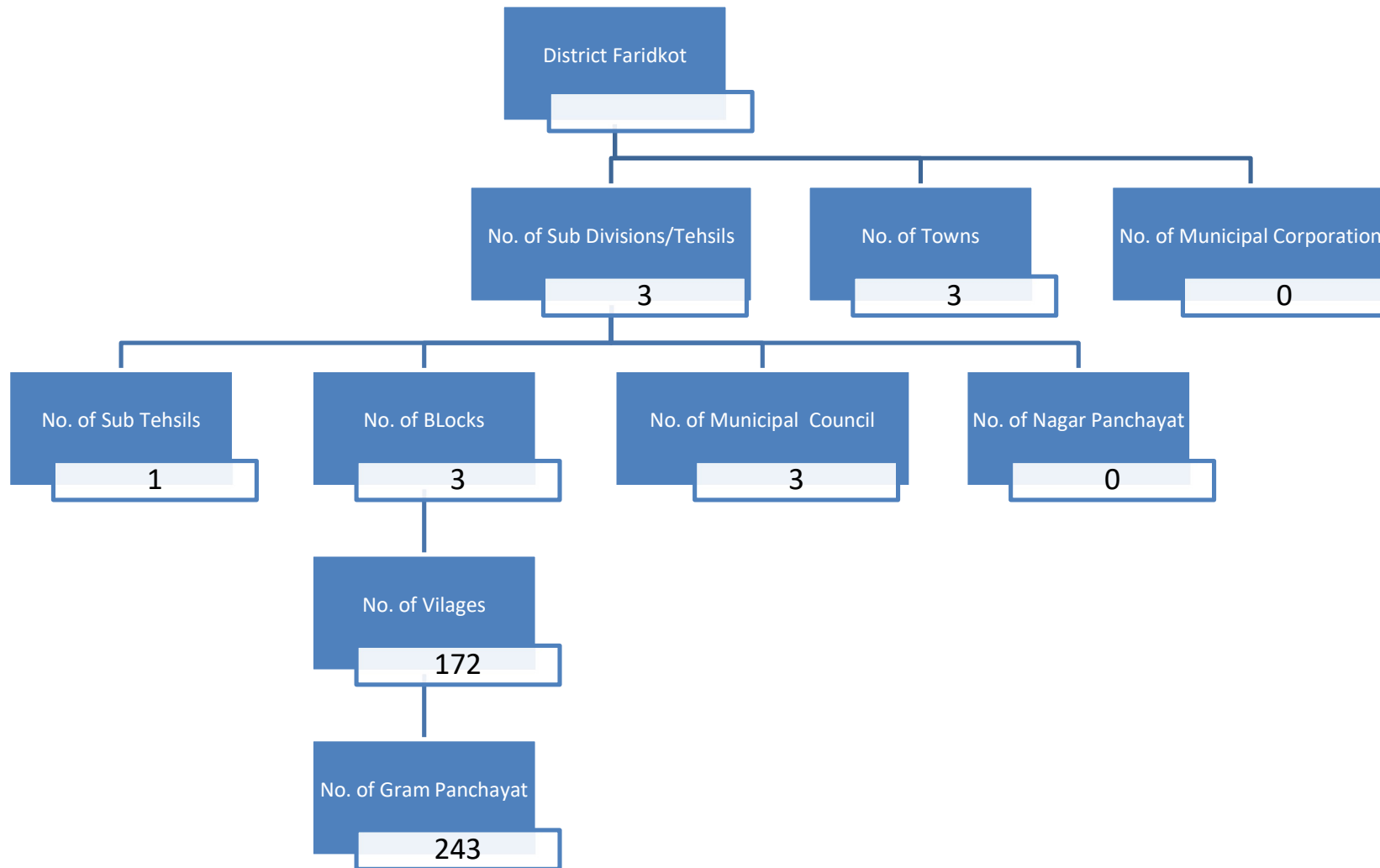
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1. DISTRICT PROFILE

Faridkot district is one of the 23 districts in the state of Punjab with Faridkot city as the district headquarters. The areal extent of Faridkot district is situated between 29 degree 54 feet to 30 degree 54 feet north latitude and 74 degree 15 feet to 75 degree 25 feet east longitude. Faridkot district is surrounded by District Ferozepur in the North-West, Sri Muktsar Sahib in the South-West, Bathinda in the South, and Moga in the West. Faridkot is a historical city in Malwa Region which acquired its name due to the arrival of Great Suffi Saint Sheikh Farid in the 13th Century. The District covers an area of 1458 km² which is 2.92% of the total area of the State and accommodates a population of 6.18 lakhs, which is 2.27% of the total population of the State.

(i) District Administrative Set-up



(ii) Local institutions

In District Faridkot, there are total 3 Sub-Divisions/Tehsils, 3 towns. There are 01 Sub-Tehsil, 3 Blocks, 03 Municipal Councils. There are total 172 Villages in the District & have 243 Gram Panchayats.

(iii) Natural Resources

- Water bodies

No river is flowing through the district, but there is a good network of canals which pass through the area. The main canals are Sirhind Feeder, Rajasthan Feeder and Ferozpur Feeder Canal. Sirhind canal system has been serving the district for irrigation since long time.

- Availability of water resources

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 Punjab Pollution Control Board 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	Faridkot	169	Over-Exploited	Yellow
2	Kotkapura	165	Over-Exploited	Yellow

(iv) Geography & Demography

Sr.No.	Title	District Faridkot	Punjab State
1.	Area (Sq Km)	1458	50,362
2.	Population (in Lakh)	6.18	277.04
3.	Rural Population (in Lakh)	4.04	173.2
4.	Urban Population (In Lakh)	2.14	103.84
5.	% Increase in Population (2001-2011) Decennial Growth rate	12.09	13.55
6.	Density of Population (per Sq km)	424	550
7.	Literacy %	69.55	76.7
8.	Sex Ratio (Females per thousand)	890	893

The total area of District Faridkot is 1458km² having population 6.18 lakhs. The rural population of District Faridkot is 4.04 lakh and urban population of District Faridkot is 2.14 Lakh. The literacy rate of District Faridkot is 61.74.

(v) Land-use pattern

Sr . No.	Title	Data of District Faridkot (2020-21)
1.	Total Geographical Area (in Sq km)	1458
2.	Area under Forest (in Ha)	1600
3.	Net Area Sown (In Ha)	128,000
4.	Gross Cropped Area (in Ha)	252,000
5.	Total Area irrigated (in Ha)	128,000
6.	% of Net Area irrigated to Total area sown	100%

The total Geographical Area of District Faridkot is 1458 km². The Net area sown & irrigated is 128,000 hectare. The gross cropped area is 252,000 hectare of District Faridkot as per financial year 2020-21. The total reserved forest area of district Faridkot is 1600 hectare.

(vi) Climate

The normal annual rainfall of Faridkot 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 House holds	Population	Solid Waste Generated(MT per day)
1.	Municipal Council, Faridkot	25	17,306	87600	35
2.	Municipal Council, Kotkapura	29	20,532	92044	30
3.	Municipal Council, Jaitu	17	7,152	37389	8.7
	Total	71	44,992	217033	73.7

Sr. No.	Local Bodies	No of Village Panchayats /Blocks	No of Households	Population	Solid Waste Generated per day (MT)
1.	No of Villages Panchayats	243 / 3 (172 villages)	49,500	4.04 lakhs	148

(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, Faridkot	90 % segregation achieved.	Door to door collection is 90 % and awareness regarding source segregation and home composting is being done	EO, MC Faridkot	31.03.2022
II.	Municipal Council, Kotkapura	90 % segregation achieved.	Door to door collection is 90 % and awareness regarding source segregation and home composting is being done	EO, MC Kotkapura	31.03.2022
III.	Municipal Council, Jaitu	90 % segregation achieved.	Door to door collection is 90 % and awareness regarding source segregation and home composting is being done	EO, MC Jaitu	31.03.2022
IV.	Villages Panchayat : 243 (172 villages)	Segregation not being done in maximum villages.	Yet to prepare.	DDPO	Action plant preparation date : 31.03.2022 Implementation : 30.10.2025 By 30.10.22 =45 villages By 30.10.23=45 villages By 30.10.24 =45 villages By 30.10.25 =37 villages
2.	Sweeping				
(i)	Manual Sweeping				
I.	Municipal Council, Faridkot	100% sweeping being done, no gap	NA	EO, MC Faridkot	Regular activity and is being complied with.
II.	Municipal Council, Kotkapura	100% sweeping being done, no gap	NA	EO, MC Kotkapura	Regular activity and is being complied with.

III.	Municipal Council, Jaitu	100% sweeping being done, no gap	NA	EO, MC Jaitu	Regular activity and is being complied with.
IV.	Villages Panchayat : 243 (172 villages)	10% sweeping being done. 90% road is not Covered.	More manpower is being deployed.	DDPO	31.10.2024 BY 31.10.2022 = 60 Villages BY 31.10.2023= 60 Villages BY 31.10.2024 = 52 Villages
(ii)	Mechanical Road and Sweeping Collection	Not initiated	Yet to be prepared	Local Govt.	30.04.2022
3	Waste Collection				
(i)	100% collection of solid waste	<ul style="list-style-type: none"> • Municipal Councils = no gap • Arrangements are to be provided in 243 villages panchayats (172 villages) = Not adequate arrangements 	Action plan for village panchayats is yet to be prepared.	Department of Local Govt. and DDPO	(i) Door to Door Dept. of Local Govt. 31.03.2022 <ul style="list-style-type: none"> • Villages Panchayat : 243 (172 villages) Time target and for arranging vehicles. = 31.10.2025 BY 31.10.2022 =150 vehicles BY 31.10.2023 =150 vehicles BY 31.10.2024 =150 vehicles BY 31.10.2025 =100 vehicles Villages Panchayat : 243 (172 villages) <ul style="list-style-type: none"> • Timeline to provide the transport and waste transfer points= 31.10.2025 BY 31.10.2022 =50 villages BY 31.10.2023 =50 villages BY 31.10.2024 =50 villages BY 31.10.2025 =22 Villages
(ii)	Arrangement for door to door collection	<ul style="list-style-type: none"> • Arrangement for collection by Municipal Councils = 90 % • Arrangement for Villages Panchayats (172) = Not adequate 			
(iii)	Waste Collection trolleys with separate Compartments	<ul style="list-style-type: none"> • Adequate in each ULB • 243 villages panchayats (172 villages) = Not adequate 			
(iv)	Mini Collection Trucks with separate compartments	<ul style="list-style-type: none"> • Not available with Municipal Councils and village panchayats 			

(v)	Waste Deposition centers (WDC) (for domestic hazardous wastes)				
I.	EO, MC Faridkot	Required = 1 Installed = 1	Not Required	EO, MC Faridkot	Activity Completed
II.	EO, MC Kotkapura	Required = 1 Installed = 1	Not Required	EO, MC Kotkapura	Activity Completed
III.	EO, MC Jaitu	Required = 1 Installed = 1	Not Required	EO, MC Jaitu	Activity Completed
4	Waste Transport				
(i)	Review existing Infrastructure	(i) Existing fleet is adequate in all MCs (ii) segregated Waste transport possible in MCs.	Yes Yes	Dept. of Local Govt.	Activity Completed
(ii)	Bulk Waste Trucks	No gap	Not applicable	-	-
(iii)	Waste Transfer points	Available & Adequate in all MCs	Waste transfer 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.	Dept. of Local Govt.	31.03.2022
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules).	No gap	Bulk waste generators are directed to ensure compliance.	Dept. of Local Govt.	Activity Completed
(ii)	Wet-waste Management: Facilities for central Bio-methanation/ Composting of wets waste.				
I.	Municipal Council, Faridkot	129 Compost pits provided. Functional and adequate	Not required	EO MC, Faridkot	Activity Completed
II.	Municipal Council, Kotkapura	110 Compost pits provided. Functional and adequate	Not required	EO MC, Faridkot	Activity Completed
III.	Municipal Council,	50 Compost pits	Not required	EO MC,	Activity Completed

	Jaitu	provided. Functional and adequate		Faridkot	
IV.	Villages Panchayat : 243 (172 villages)	Not adequate	Plan yet to be prepared at state level details will be provided accordingly.	DDPO	31.12.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Provided 1 MRF in each ULB.	Not required	Dept. of Local Govt.	Activity completed
		Villages Panchayat : 243 (172 villages)	Plan yet to be prepared	DDPO	31.08.2027 40 villages by 31.08.2023 40 villages by 31.08.2024 40 villages by 31.08.2025 40 villages by 31.08.2026 12 villages by 31.08.2027
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Provided with one ULB.	Provided with one ULB and under process for other ULBs.	Dept. of Local Govt.	30.03.2022 for remaining ULBs.
(v)	Remediation of historic / legacy dumpsite				
i.	Municipal Council, Faridkot	Legacy waste site identified but yet to cleared.	Mechanical separator purchased, windrow formed and remediation will be started.	EO MC Faridkot	Starting date : 01.12.2021 Completion date : 30.06.2022
ii.	Municipal Council, Kotkapura	Legacy waste site identified but yet to cleared.	Mechanical separator purchased, windrow formed and remediation will be started.	EO MC Kotkapura	Starting date : 01.12.2021 Completion date : 30.06.2022
iii.	Municipal Council, Jaitu	Legacy waste site identified but yet to cleared.	Mechanical separator purchased, windrow formed and remediation will be started.	EO MC Jaitu	Starting date : 01.12.2021 Completion date : 30.06.2022
iv.	Villages Panchayat : 243 (172 villages)	Not Started	Due to large number of legacy Dumpsite, scheme is yet to be prepared accordingly.	DDPO	Step wise Time target to implement plan in all villages. = 31.10.2026 By 31.10.2023 =50 villages By 31.10.2024 =50 villages By 31.10.2025=50 villages

					By 31.10.2026 =22 villages
v.	Involvement of NGOs	Yes	NGOs shall be identified for the purpose.	Department of Local Govt. and DDPO	Regular Activity
vi.	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
vii.	Authorization of Waste Pickers	Yes	Available	Department of Local Govt	Regular Activity
viii.	Preparation of own by-laws to comply with SWM Rules 2016	All MCs Prepared. DDPO (243 villages panchayats for 172 villages) yet to be prepared	All MCs Prepared. DDPO (243 villages panchayats for 172 villages) yet to be prepared	Department of Local Govt and DDPO	All MCs = Activity Completed DDPO (243 villages panchayats for 172 villages)= 31.10.2022
ix.	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
x.	Provision of greenbelt and boundary wall around solid waste dumping site.	Greenbelt and boundary wall around solid waste dumping site have been provided by all MCs	-	Department of Local Govt and DDPO	Activity completed
xi.	Providing compartments and GPS tracking in garbage carrying vehicles	Nil as activity completed by all MCs.	The mechanical vehicles have been provided with GPS.	Department of Local Govt and DDPO	Activity completed
xii.	Action Plan for Treatment of leachate generated from legacy waste dumpsite. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated	Treatment of leachate	Department of Urban Development (for other ULBs):- • Leachate management will be	Department of Urban Development	Department of Urban Development (for other ULBs):-

	22.07.2019, 28.02.2019, 14.12.2020)		done simultaneous with Bio- remediation of legacy waste.		• Bioremediation of Legacy waste & treatment of leachate waste = 30.06.2022
xiii.	Best practices, including setting up of Control Rooms where citizens can upload photos of garbage which may be looked into by the specified representatives of local bodies, at local level as well as State level. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	No Gap	Swachhata app is widely used by citizens for complaints related to SWM/ SBM, It is resolved and monitored at ULB and state level both.	All Local bodies	Already in place
xiv.	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	Department of Urban Development	All Local bodies	Department of Urban Development 31.12.2021
xv.	Installation of Piezometer at Dump Site. (Directions of Hon'ble NGT in OA no. 606 of 2018 dated 22.07.2019, 28.02.2019, 14.12.2020)	Installed by MC Faridkot.	Rest of MCs will install piezometer by 31.12.2021	Local bodies	Department of Urban Development:- 31.11.2021
xvi.	Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plants which are run by adopting rendering process. (Directions of Hon'ble NGT in OA no. 465/2019 dated 15.04.2021	Presently Carcass of dead animals are buried by the MCs.	Proposal for utilization of carcass in a scientific manner is under consideration. MCs will take necessary steps like plantation of trees, hedges and other necessary measures to control nuisance created by animal carcass disposal	Local Bodies	For proposal submission : 31.03.2022 Implementation : 30.06.2023 For existing carcass disposal points, implementation: 31.03.2022

			points.		
xvii.	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
xviii.	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.	BDA, Improvement Trust, Department of Local Govt.	MC/BDA/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
xix.	To prepare proposal / scheme for management of solid waste in the villages either in cluster form or independently in individual villages	Inadequate Management of solid waste in the villages.	Scheme is yet to be prepared.	DDPO	31.10.2022
xx.	Information Education and Communication (IEC) activities in respect of solid waste.	No gap	The IEC activities in this regard are already being done by the concerned departments. Promoters and Residents are informed when the joint team visits their colonies and they are encouraged to follow the solid and liquid waste management rules.	All ULBs	Regular Activity
xxi.	Constitution of District Environment Committee in	No gap	Constituted by the State Government.	State Government	Activity completed

	view of the constitution provisions under article 243 G, 241 W and 243 ZD read with scheduled 11, 12 & 15 of SWM Rules, 2016.				
xxii.	Management of carcass in rural area.	Inadequate management of carcass in rural area.	<ul style="list-style-type: none"> 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	31.03.2022
xxiii.	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
xxiv.	Management of Horticulture Waste in MCs.	<ul style="list-style-type: none"> No gap. Compost pits/Jalli constructed at 5 no. parks and adequate. 	-	All ULBs	Work already done

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

Sr. No.	Urban Local Bodies	Estimated quantity of Plastic Waste Generated MT perday
1.	Municipal Council, Faridkot	0.50
2.	Municipal Council, Kotkapura	1.74
3.	Municipal Council, Jaitu	0.30
	Total	2.54

Sr. no.	Local Bodies	Estimated quantity of Plastic Waste Generated (in MTD)
1	Villages Panchayat : 243 (172 villages)	4.5

(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 waste.	<ul style="list-style-type: none"> • ULBs=100%collection . • Villages Panchayat : 243 (172 villages) =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:- For preparation of Action Plan : 31.10.2022 Implementation: 31.08.2026 50 villages by 31.08.2023 50 villages by 31.08.2024 50 villages by 31.08.2025 22 villages by 31.08.2026

2.	Facilitate organized collection of plastic Waste at Waste transfer point or Material Recovery Facility	<ul style="list-style-type: none"> • ULBs=100%Collection andMRFacilityprovided. • Villages Panchayat : 243 (172 villages)= Not initiated. 	<ul style="list-style-type: none"> • Waste to energy plant has been started by all ULBs. • Ban will be proposed on single use plastic as per the guidelines of the Centre and State Government. • NGOs are involved for awareness to avoid plastic use. • Registration is being done for waste pickers. • For villages action plan is yet to be prepared 	Dept. of Local Govt. &DDPO	DDPO:- For preparation of Action Plan : 31.10.2022 Implementation: 31.10.2026 50 MRF by 31.08.2023 50 MRF by 31.08.2024 50 MRF by 31.08.2025 22 MRF by 31.08.2026
3.	Plastic Waste collection Centres	Provision of proper Plastic Waste collection Centres.	One MRF in each ULB and adequate	Department of Local Govt.	-
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.	Time lines 30.04.2024 as under:- (i) Preparation of DPR- 31.12.2021 (ii) Approval of DPR –

					31.01.2022 (iii) Preparation of RFP and Approval – 31.03.2022 (iv) Floating of RFP – 31.05.2022 (v) Appointment of new concessionaire – 31.07.2022 (vi) Schedule Construction Completion Date-31.01.2024 (vii) Date of Commissioning-30.04.2024
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 = 10 Total no. of plastic unit obtained registration = 8	PPCB	2 number units are required to obtain registration under Plastic Waste Management Rules, 2016 from Central Pollution Control Board and same is under process.
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 Village Panchayats = 243 (172 villages) = yet to prepared	ADC(UD) and DDPO	31.10.2022

9.	Set up, operationalize and co-ordinate 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.	Action plan is yet to be prepared.	DDPO	Timeline for completion of action plan :- 31.10.2023 50 village by 30.04.2022 50 village by 31.10.2022 50 village by 30.04.2023 22 village by 31.10.2023
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 no. 13/2019 dated 08.01.2021)	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 plastic is being stored at MRF. Contract For channelization/ processing will be signed with the authorized agency for the recycling of the plastic waste.	All Local bodies & DDPO	Department of Urban Development (for ULBs):- 31.12.2021 DDPO:- 31.8.2022 For preparation of Action Plan 31.08.2026 For Implementation 50 villages by 31.8.2023 50 villages by 31.8.2024 50 villages by 31.8.2025

					22 villages by 31. 8.2026
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 31.08.2026 For Implementation 50 villages by 31.8.2023 50 villages by 31.8.2024 50 villages by 31.8.2025 22 villages by 31. 8.2026
15.	Creating awareness among all stakeholders about their responsibilities, and ensuring that open burning of plastic waste does not take place. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)	No gap	All stakeholders are being made aware regarding their responsibility. It is being ensured that open burning of plastic waste does not take place. Violators are challans.	All local bodies	Regular activity
16.	To ensure proper plastic waste management, industries may be directed to explore the possibilities of use of such wastes in construction of roads. Further	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	MCs, ADC(UD)and PWD	31.12.2022

industries may also be directed to collaborate with different research institutes to explore such alternatives. (Directions of Hon'ble NGT in EA no. 13/2019 dated 08.01.2021)		institutes		
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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)	0.7 MT
Does the District has access to C&D waste recycling facility?	No

(b) Identification of gaps and Action plan:

S. No.	Action points for blocks/ town municipalities /City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of activity
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	<ul style="list-style-type: none"> Separate collection site provided 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 20tons 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 house meeting for approval.	Not required	Department of Local Govt.	Activity Completed

3.	C&D recycling Facility	Presently there is no C&D recycling Facility in the District. No. of recycling facility required = 3 No. of recycling facility provided = 0	Construction & demolition waste recycling facility will be provided by the department.	Dept. of Local Govt.	31.03.2022
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 = 3 No. of recycling facility provided = 0	Construction & demolition waste recycling facility will be provided by the department.	Dept. of Local Govt.	31.03.2022
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. One camp will be organized quarterly.

(iii) Bio medical Waste Management

(a) Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Health care Facilities	88
Total no. of non-bedded HCF	116
No. of HCFs authorized by SPCBs/PCCs	204
Total No. of veterinary Hospitals/Dispensaries in the District Faridkot	74
Total No. of veterinary Hospitals/Dispensaries connected with Common Biomedical treatment facility (CBWTF).	8-Hospitals directly connected with CBWTF. 66-Hospitals/Dispensaries connected via nearest block level institutions
Total no. of veterinary Hospitals/ Dispensaries obtained the authorization of Punjab pollution Control Board	74
Total No. of veterinary Hospitals/Dispensaries adopted segregation of BMW through separate colour coded collections bins.	74
Total no. of veterinary Hospitals/Dispensaries complying with BMW Rules, 2016 and Maintaining record of Biomedical waste generation and its disposal to CBWTF.	74
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	535.95 kg/day
Quantity of bio medical waste treated per day	535.95 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)= 204 HCFs authorized by the PPCB=204. 	Regular camps are being organized to pursue the HCFs to obtain the authorization.	PPCB / Civil Surgeon	Regular activity
2.	Adequacy of facilities to treat bio medical waste	No Gap. Bio Medical waste lifted by Medwaste Solutions Pvt. Ltd., Village Biddowali, Sri Muktsar Sahib.	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 health care staff	No Gap Training has been organized for all stakeholders from time to time. One camp will be organized in a quarter.	Not required	PPCB and Health Department	Regular activity
5.	Adequacy of Funds	No gap	Private HCFs = Funds available Govt., HCFs = Funds Being arranged	Civil Surgeon	31.10.2022
6.	Compliance to Rules by HCFs and CBWTFs	No gap, to check 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=84 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

(iv) Hazardous Waste Management

(a) Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	11
Quantity of HW in the district (MT/Annum)	163.075
Quantity of Incinerable HW (MT/Annum)	Nil
Quantity of land-fillable HW(MT/Annum)	2.0875
Quantity of Recyclable/utilizable HW(MT/Annum)	Recyclable= 161.01 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 Faridkot

(b) Identification of gaps and action plan:

No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of activity
1.	Regulation of industries and facilities generating Hazardous Waste	<ul style="list-style-type: none"> Total industries identified =6 Authorized by the PPCB=6. 	-	PPCB	Regular activity
2.	Establishment of collection centres	Industries have agreement/linkage with TSDF for disposal of its Hazardous waste.	Collection center are being setup for domestic Hazardous waste with linkage with TSDF.	Department of urban development.	30.04.2022
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	Department of Industries	Regular activity

			program will be provided in a quarter.		
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 =6	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

(v) E-Waste Management

(a) Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	0.1
Collection centers established by ULBs in the District	0
Collection centers established by Producers or their PROs	2
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 activity
1.	Inventory / Generation of E-Waste / Bulk-waste generators	Inventorization of E-Waste in the District. Inventory of bulk waste generators is under process.	Completion of inventory	PPCB	30.04.2022
2.	E-Waste collection points	Availability of E-Waste collection points / call centres / kiosks in villages –	Identification /registering E-Waste collection centres in association with Producers –	Department of Govt. / DDPO	30.04.2022

		Blocks//towns/ cities	their PROs or Recyclers		
3.	Linkage among Stakeholders dechannelize-Waste	Linkage among stakeholders is being done.	Work under progress	Department of Govt	31.10.2022
4.	Regulation of Illegal E-Waste recycling /dismantling	Regular activity	-.	District Administration & PPCB	Regular Activity
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
	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 Authorised Producers will be verified per year	This is a continuous Activity. All the EPR Authorised Producers will be verified per year.	PPCB	Regular activity
8.	Verification of systems provided by producers for collection and channelization of e-waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous Activity. All the EPR Authorised Producers will be verified per year.	This is a continuous activity. All the EPR Authorised Producers will be verified per year.	PPCB	Regular activity
9.	Verification of facilities of dismantlers and recyclers for their infrastructure and records. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	This is a continuous activity. All the dismantlers/recyclers will be verified per year.	PPCB	Regular activity

10.	Checking of informal trading, dismantling, and recycling of waste. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	Regular activity	Quarterly drive will be carried out 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. 512/2018 dated 15.01.2021)	No gap	Status of enforcement of Byelaws will be reviewed on Monthly basis by ADC(UD) and quarterly basis by Hon'ble Deputy Commissioner-cum-Chairman of District Environment Committee.	District Administration, PPCB & Local bodies	Regular activity
16.	Allocation of proper space to the existing and upcoming industrial units for e-waste dismantling and recycling. (Directions of Hon'ble NGT in OA no. 512/2018 dated 15.01.2021)	No gap	State Government has already planned the focal points for industrial units. Proper space will allocated to the existing and upcoming industrial unit for E waste dismantling and	PSIEC	Already done

			recycling facility.		
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	219

No. of unit installed APCD	219
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 = 22 Orange =193 Green=4</p> <ul style="list-style-type: none"> Total no. of units having valid consent as on 31.08.2021 <p>Red =21 Orange =180 Green=4</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?	No CAQM station installed yet	PPCB	30.06.2022
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	No CAQM station installed yet	PPCB	30.06.2022
4.	Awareness on Air Quality	Awareness in this regard is being done on regular basis.	PPCB	Regular activity

		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		
5.	Conversion of Natural Draft Brick Kilns to Induced Draft Brick Kilns	<ul style="list-style-type: none"> • Total BKO required to convert to ZIG ZAG = 47 • Converted to ZIG Zag Technology= 46 • Yet not converted = 0 • Direction issued u/s 31-A of Air Act, 1981 to DFSC to canceled the license of BKOs = 1 	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 housing societies		Drainage department, MCs and Forest department	Regular activity
10.	Kaccha/Brick Paved Roads to be made Pucca roads		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	The extensive drive against polluting vehicles already	Traffic Police	Regular activity

	polluting vehicles	initiated by the Police department.		
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	-
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	Under process at the level of PPCB Head Office	PPCB	-
20.	Dissemination of Air Quality Index by installing display boards in the city	Under process at the level of PPCB Head Office	PPCB	-
21.	Quality Management Division(AQMD) at PPCB (HQ)Establishment of an Air	Work is under progress.	PPCB,	31.12.2021
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	Plantation and maintenance is being done by public participation mode.	Department of forest	Regular Activity

	in OA no. 360/2018 dated 05.07.2021)			
24.	Carrying capacity and source apportionment study of non-attainment Cites.	There is no non-attainment city falls under the jurisdiction of District Faridkot.	-	-
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 3876 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

Present Status

Rivers	Nil
Length of Coastline(if any)	Nil
Nalas/Drains/Creeks meeting Rivers	4
Lakes/Ponds	172
Total Quantity of sewage from towns and cities in District	21 MLD
Quantity of industrial wastewater	1.29MLD
Percentage of untreated sewage	85 %
Details of bore wells and number of permissions given for extraction of groundwater	42096
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 = 170 ponds Urban = 2 ponds (as per Action plan for rejuvenation of ponds dated 31.05.2020)	Dept. of Rural Development & Panchayats and Urban Development	30.06.2022
2.	Quality of water bodies in the district	The monitoring of rivers, drains are already being carried out and data is being maintained.	PPCB, DWSS, DDPO and PWSSB	Regular activity
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	Department of urban development and Dept. of Rural	Regular activity

		violators	Development & Panchayats.	
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 carried 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	1

No of Class-I towns	2
No of Towns STPs installed	1
No of Towns needing STPs	2
No of ULBs having partial underground sewerage network	3 (2 partially)
No of towns not having sewerage network	0
Total Quantity of Sewage generated in District from Class-II cities and above	21 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	3 MLD
Quantity of untreated or partially treated sewage(directly or indirectly)	18 MLD
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	6 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)	<ul style="list-style-type: none"> • Existing capacity of STPs <ul style="list-style-type: none"> (i) Jaitu 6 MLD capacity STP based on SBR technology= 6 MLD • Additional capacity under installation= 28 MLD. <ul style="list-style-type: none"> (i) Faridkot 14 MLD capacity based on SBR technology is under construction 10 % of work completed. (ii) Kotkapura 8 MLD capacity STP based on SBR technology Construction completed and will commissioned shortly . (iii) Kotkapura 6 MLD capacity STP based on SBR technology Civil structure completed some electrical connections pending 	Dept. of Local Govt., ADC(UD) and PWSSB	<ul style="list-style-type: none"> (i) Faridkot 14 MLD :30.06.2022. (ii) Kotkapura 8 MLD : 30.11.2021 (iii) Kotkapura 6 MLD : 30.11.2021

2.	Underground sewerage network	Sewerage network is already being laid out in the cities. The percentage of sewerage laid is as under:- (i) Faridkot = 80% (ii) Kotkapura = 90% (iii) Jaitu = 100%	Dept. of Local Govt., ADC (UD) & PWSSB	• 30.06.2022
3.	Setting up of real time water quality monitoring system to monitor the quality of water	Not applicable	-	-
4.	Operation and Maintenance of STPs (i) Arranging funds for operation and maintenance of STPs to ensuring regular operation and maintenance of STPs in a professional manner	Completed, no gap	Dept. of Local Govt. and PWSSB	PWSSB has informed that Funds have been tied up.
	(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	Jaitu : Completed Faridkot and Kotkapura : STP yet to be commissioned.	PWSSB	Faridkot : 30.06.2022 Kotkapura : 30.11.2021
5.	Provision of necessary treatment facilities in village ponds so that	Technology already finalized	Department of	Activity completed

	no untreated or polluted water enters river directly or indirectly through various drains or creeks. (i)Finalization of appropriate technology		Rural Development & Panchayats	
	(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: 9 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 Work for remaining village ponds is under progress.	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 which treatment facilities installed: Nil	Department of Rural Development & Panchayats	A. Target Number of villages identified for installation treatment facility : 170 B. Time target for the remaining villages: 31.07.2023
6.	(i)Checking of health indices of the inhabitants & maintaining database. (ii)Holding awareness camps in the catchment area of River Sutlej to make the public aware regarding water borne	Camps are organized on monthly basis	The Department of Health and Family Welfare	Regular activity

	diseases			
7.	(i) Measurement of flow at different locations of River Sutlej & drains.	The flow will be monitored on monthly basis by the drainage department.	Department of water resources,	Regular activity
	(ii) To stop unauthorized discharge in the drains.	<ul style="list-style-type: none"> The regular survey is being done by the concerned departments to stop unauthorized discharge in the drains. 	Department of water resources, and Department of Rural Development & Panchayats.	Time Target: 31.03.2022
8.	Setting up of additional water bodies/water harvesting structures	Action plan for setting up of additional water bodies/water harvesting structure is yet to be prepared.	MCs/NPs	31.12.2022
9.	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
10.	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	Already being followed as per guidelines framed by CPCB	PPCB	31.12.2022

	04.02.2021)			
11.	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
12.	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
13.	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= 31.12.2022
14.	The District Collectors of all the Districts are	Such Committees will be constituted	District Administration	31.12.2021

	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)			
15.	There must be no general permission for withdrawal of ground water, particularly to any commercial entity, without environment impact assessment of such activity on individual Assessment units in cumulative terms covering carrying capacity aspects by an expert committee. (Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	Noted for compliance and will be assured.	All local bodies & Department of Rural Development & Panchayats	Regular activity
16.	All Overexploited, Critical & Sensitive (OCS) assessment units must undergo water mapping.	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	Water Resources (Ground water cum NHP wing) and PWRDA	Activity Completed

	(Directions of Hon'ble NGT in OA no. 176/2015 dated 20.07.2020)	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		
17.	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
18.	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
19.	The District Magistrates have been directed to take up one pond per village for its rejuvenation, this year. (Directions	Total ponds = 170	Department of Rural Development & Panchayats	31.08.2022

	of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)			
20.	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)	The excess run of water final reaches rivers, whether it comes through nallah or drain. This water ultimately is controllable at head quarter where certain pond level is maintained for regulation of canals. Efforts will be also done to find out the alternate way to tap the excess rain fall in ponds.	Department of Water Resources (Drainage)	Timeline for identification : 31.10.2022 Timeline for completion :31.10.2026
21.	Maintenance of E Flow of the rivers. (Directions of Hon'ble NGT in OA no. 325/2015 dated 18.11.2020)	Already Being Maintained	Drainage Department	Completed
22.	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	L-section of all water bodies like drains concerned with Drainage Department has been approved and with name of drains and the Mapping of the Drainage System has been done on google Sheet.	Drainage Department	Completed

	22.01.2021)			
23.	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
24.	Installation of STP will be mandatory for all residential apartments/group housing societies where groundwater requirement is more than 20 m ³ /day for getting NOCs. (Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	Directions being already followed.	Department of urban development /BDA	Regular Activity
25.	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.
26.	Control of illegal extraction of groundwater.	Efforts are being made to control illegal extraction of ground water. No authorization is given to public for extracting ground water illegally. Inspection regarding	All Local Bodies	Regular Activity

	(Directions of Hon'ble NGT in OA no. 496/2016 dated 22.01.2021)	same is being done time to time by ULBs		
27.	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 Faridkot.	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.
28.	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
29.	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: 31.10.2021
30.	Enhancement of capacity of existing ponds/ water bodies and creating of new water harvesting structures.	A. Existing Ponds(Total) = 170 B. No. of Ponds whose Capacity has been enhanced = 7 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
31.	Usage of treated sewage for sprinkling purposes for sweeping	Yet to be started	Local Govt.	Regular activity

	of roads to control dust pollution.			
32.	Utilization of STPs sludge	STP sludge issued to the farmers as manure.	Dept. of Local Govt. / PWSSB	Regular activity
33.	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.	Department of Rural Development & Panchayats	Policy will be framed by 30.04.2022. Implementation = 30.04.2025
34.	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 = 1 <ol style="list-style-type: none"> 1. STP Jaitu (6 MLD): Estimate prepared of Rs. 5 Crore for laying of irrigation channel of length more than 5 KM and command area of 300 hectares . 2. STP Kotkapura (6 MLD & 8 MLD) : Yet to be commissioned. 3. STP Faridkot (14 MLD) : Yet to be commissioned. 	Department of Soil conservation, ULBs/PWSSB	31.12.2022
35.	Installation, operation & maintenance of online continuous effluent monitoring system with flow meter as well as CCTV cameras for the existing STPs as well as new STPs to be installed.	<ul style="list-style-type: none"> • Total STP=1 • OCEMS Provided=1 	PWSSB	<ul style="list-style-type: none"> • Already done
36.	Activity w.r.t. In-situ remediation technology to be provided in the drains carrying untreated	Proposal Yet to prepare	MCs/NPs	31.12.2022

	sewage.			
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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=22, Orange Category unit =235, Green Category unit=35
No. of Industries discharging wastewater (generating trade effluent)	19 i. No. of industries installed captive ETP = 19, ii. No. of industries joined CETP =0 iii. No. of industries joined Re-processor =0
Status of Water Consent	<ul style="list-style-type: none"> • Regular activity • Total no. of industries requiring consent to operate under Water Act, 1974 Red = 22 Orange =235 Green=35 • Total no. of units having valid consent as on 31.08.2021 Red = 21 Orange =205 Green=22 • 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.
Total Quantity of industrial waste water generated	1.29 MLD
Quantity of treated industrial wastewater discharged into Nalas/ Rivers	Nil
Common Effluent Treatment Facilities	Nil
No. of Industries meeting Standards	It is a regular activity and PPCB is monitoring the industries including inspections and samplings.
No. of Industries not meeting discharge Standards	It is a regular activity and PPCB is monitoring the industries including inspections and samplings.

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of 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.	The most of the industry have already installed the EMF meters. The rest of the unit will be directed to provide the same within this period.	PPCB	30.04.2022
4.	Inspection of units to check compliance	Inspection already being made	PPCB	Regular activity

5. MINING ACTIVITY MANAGEMENT PLAN

(a) Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	No mining activity in the jurisdiction of District Faridkot
No of licensed Mining operations in the District	NA
%Area covered under mining in the District	NA
Area of Sand Mining	NA
Area of sand Mining	NA

(b) Identification of gaps and action plan: NA

6. 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 =8 Nos. of analyzers available =1 Timeline to arrange balance noise analyzers = 7 (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 completion activity	for of
1.	Availability of Sound/Noise Level Meters.	<ul style="list-style-type: none"> Nos. of analyzers required = 7 Nos. of analyzers available = 1 Timeline to arrange balance noise analyzers = 7 (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	PPCB/ ULBs	30.09.2022	
3.	Sign boards in Noise zones	Sign boards are installed at sensitive zones. More sign board 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	Regular checking of vehicle is being done by the police	Police Department.	Regular activity.	The

	horn of vehicles	department and same activity will be continued.		checking will be done twice in a month.
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List of Nodal Officers(Annexure-X)

List of the Nodal Officers of the stakeholder Departments

Sr no.	Name of the Department	Nodel Officer Name	Designation	Mobile no.	Email Id
1.	The Additional Commissioner (Urban Development), Faridkot	Sh. Paramdeep Singh	SDM, Faridkot	9878792001	adcudfdk@gmail.com
2.	Punjab Pollution Control Board	Er. Anish Sharma	Asst. Environmental Engineer	70873-00291	ppcbfdk@yahoo.com
3.	Regional Transport Authority, Faridkot	Sh.Gurnam Singh	ATO	9876496029	rtafaridkot04@gmail.com
4.	Police Deptt.	Swarndeeep Singh, PPS	SSP	98146-00786	sspfdk@yahoo.com
5.	Distt. Development and Panchayat Officer, Faridkot(DDPO)	Er. Mahesh Garg	Executive Engineer (Panchayati Raj)	96460-01663	xenprfdk@gmail.com
6.	District Soil Conservation Officer, Department of Soil & Water Conservation, Faridkot	Sh. Vijay Singla	DSCO	94173-45515	dsc0.dswc.faridkot@punjab.gov.iN
7.	Executive Engineer, Punjab Water Supply & Sewerage Board, Moga	Sh. Parul Goyal	Executive Engineer	89685-49955	ecpwssdmoga@gmail.com

8.	PWD (B&R), Faridkot	Sh. Kulbir Singh Sandhu	Executive Engineer	98727-25177	cepdfdtpwdpb@gmail.com
9.	Department of Water Resources & Drainage, Faridkot	Sh. Rupinder Singh	Executive Engineer	95014-11044	xendcdfdk@yahoo.in
10.	Agriculture Department, Faridkot	Sh. Atma Singh Sidhu	Chief Agriculture, Officer	98159-75824	caofaridkot@yahoo.com
11.	Forest Department, Faridkot	Sh. Tajinder Singh Maan	Forest Officer	98155-66285	dfofdk@rediffmail.com
12.	District Food & Civil Supply Officer, DFSC, Faridkot	Smt. Jasjeet Kaur	DFSC	99145-46247	pungrainfdk@gmail.com
13.	Education Department	Sh. Pardeep Deora	DEO(Sr.)	98142-56584	deosr.faridkot@punjab.education.gov.in
14.	Health Department	Dr. Sanjay Kapoor	Civil Surgeon	98143-48746	civilsurgeonfaridkot@gmail.com
15.	Animal Husbandry	Dr. Rajeev Chhabra	Deputy Director	88474-13512	ddahfaridkot@gmail.com
16.	Labour Department Faridkot	Sh. Ranjeev Sodhi	Labour Inspector	98722-36254	sodhiranjeev@gmail.com
17.	Director of Factories Faridkot	Sh. Makhan Singh	Deputy Director of Factories, Faridkot	84370-46942	adf.labmoga@punjab.gov.in