



Regional Office

# Haryana State Pollution Control Board,

SCO 161 - P, 162, 163 SECOND FLOOR SECTOR 20, HSVP KAITHAL

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No. HSPCB/KAI/2023/ 473

To

The Deputy Commissioner  
Jind

Dated: 21/06/2023

Approved as Draft put up -

Manoj

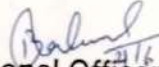
22/6/2023

Sub: Preparation of District Environment Plan/State Environment Plan in pursuance of Hon'ble National Green Tribunal's Order dated 26.09.2019 in case O.A No. 360/2018-reg.

Deputy Commissioner,  
Jind

In this connection, pls find the compiled District Environment Plan enclosed herewith as per the template provided by CPCB and the detail provided by the concerned Departments

It is requested to your goodself that the same may be approved, please.

  
Regional Officer,  
Jind Region at Kaithal

Endst. No. HSPCB/KAI/2023/

A Copy of above is forwarded to the Member Secretary, Haryana State Pollution Control Board, Panchkula for information pls.

Dated:

Regional Officer,  
Jind Region at Kaithal

# **District Environment Plan**

**District Jind  
(Haryana)**

**District Administration  
&  
Haryana State Pollution Control Board  
at Kaithal**

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## 1.0 District Profile

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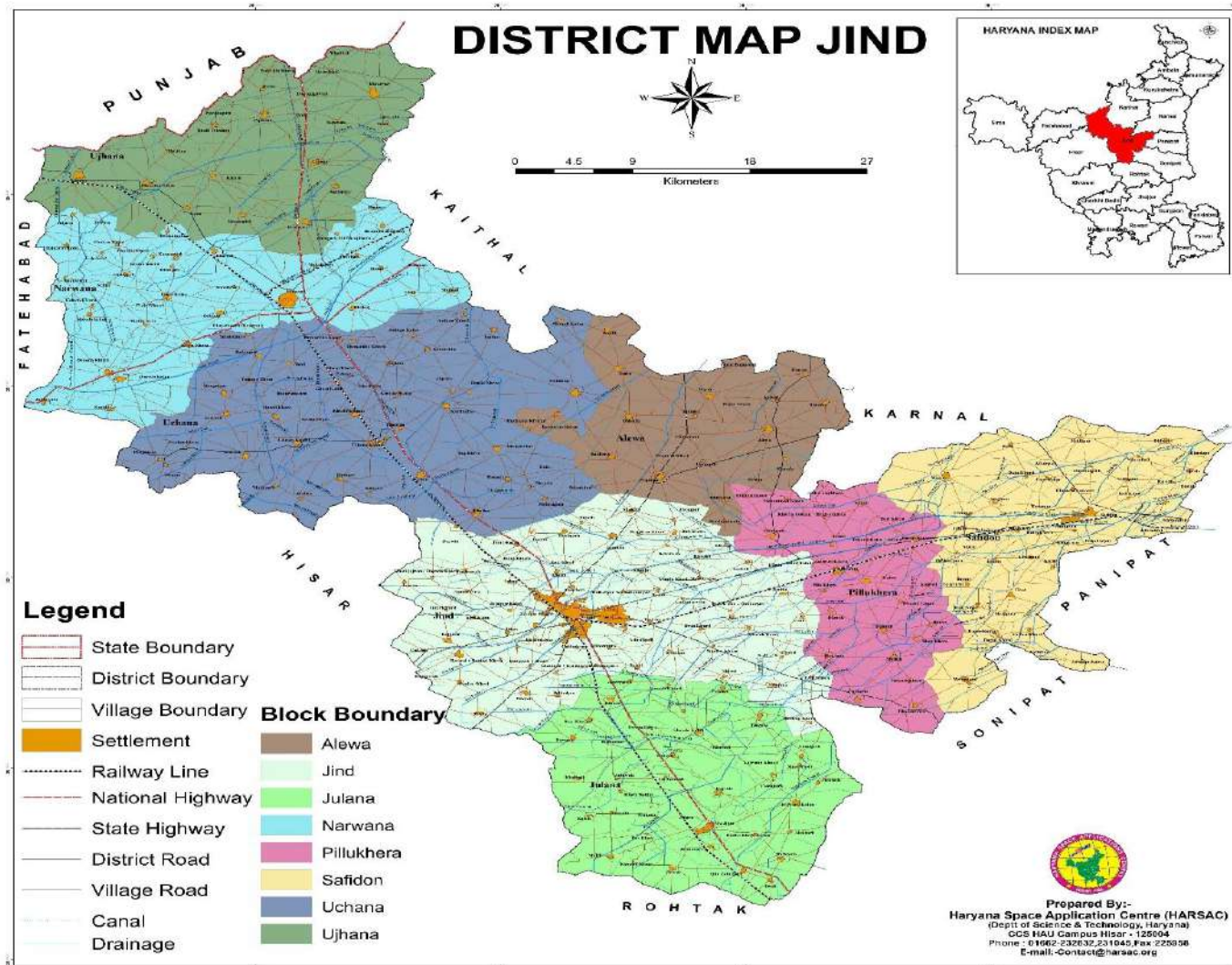
Jind is a town in Jind District, Haryana state, India. Jind is one of the 22 districts of Haryana state in northern India. Jind town is the district headquarters. It is one of the oldest districts of Haryana. It is one of the first Sikh Kingdoms. It lies in central Haryana and is the fourth district of the Jat belt (i.e. Sonapat, Rohtak, Hissar, Jind). The city is clean. Rani Talab is the major tourist attraction and Pandu-Pidara and Ramrai are the main devotional places attracting devotees for Amaavas bath.

Jind town has a Arjun stadium, milk plant, cattle feed plant, Bulbul restaurant and a large grain market. There are facilities for stay at PWD rest house, canal rest house and market committee rest house. The town is well provided with schools, colleges, hospitals and other basic amenities. Jind is noted for its numerous temples sacred to the worship of Shiva. Tradition assigns the settlement of the town to the Mahabharat period.

The district derives its name from its headquarters town Jind that is said to be a corruption of Jaintapuri. It is also said that this town had been founded at the time of Mahabharata. According to an old saying the Pandavas built a temple in honour of Jainti Devi (the goddess of victory), offered prayers for success, and then launched the battle with the Kauravas. The town grew up around the temple and was named Jaintapuri (Abode of Jainti Devi) which later on came to be known as Jind.

According to the legend, the Pandavas built here a temple in honor of Jainti Devi (the goddess of victory) and offered prayers for success in their battle against the Kouravas. The town grew up around the temple and was named Jaintapuri, (abode of Jainti Devi) which in course of time corrupted to Jind. Raja Gajpat Singh in 1755 seized a large tract of country including the present districts of Jind from the Afghan and made Jind the capital of the state in 1776. He made a fort here in 1775. Later, Sangrur was chosen as capital of Jind State by Raja Sangat Singh (1822 to 1834 AD)

## a. District Administrative Set-up





The district comprises four sub-divisions: Jind, Narwana, Safidon and Uchana. Jind sub-division is further divided into two tehsils: Jind and Julana. Narwana, Uchana and Safidon sub-divisions comprise only one tehsil each, Narwana, Uchana and Safidon respectively.

There are five Vidhan Sabha constituencies in this district: Julana, Safidon, Jind, Uchana Kalan and Narwana.

Sub divisions	Jind, Safidon, Uchana, Narwana
Tehsils	Jind, Julana, Safidon, Uchana, Narwana
Municipal Council	Jind and Narwana
Municipal Committee	Safidon, Julana, Uchana

### **b. Geography & Demography**

The district lies in the North of Haryana between 29°03'00" to 29°51'00" North latitude and 75°53'00" to 76°45'30" East longitude falling in the Survey of India toposheet No. 53C and 440. It is bounded by Patiala in the North and Sangrur district of Punjab in the northeast. It is surrounded by district Kaithal and Karnal of Haryana in east and west respectively. In southwest it has a common boundary with district Hissar, whereas in south and southeast it shares its boundary with Rohtak and Sonapat respectively. Jind district encompasses a geographical area of 2702 Sq.km.

As per Census of India 2011, Jind district had population of 13,34,152 of which male and female were 7,13,006 and 6,21,146 respectively. The decadal growth in population of the district has been 12.13%, in comparison to 2001 census. As per Census of India 2011, the 24 population density of Jind district was 494 people per sq. km. As per Census of India 2011, the literacy rate in the district was 71.4 per cent whereas it was 62.1 per cent during 2001 Census. In Jind district, Jind block has the highest population (358737) whereas Alewa block has the lowest (89541)



Demographic Label	Value
Area	2702 Sq Km
No. of C.D Blocks	7
Total Population	1,334,152
No. of Litrates	832,758
No. of Cultivators	172,682
No. of Litrates(SC)	149,472
No. of Sub Divisions	4
No. of Scheduled Castes population	282,351
No. of Gram Panchayats	300
No. of Municipalities	5
No. of Urban Population	305,583
No. of Rural Population	1,028,569
No. of Villages	306

### c. Land-use pattern

As per the information provided by the Agriculture Department, total geographical area of the district is 2,74,024 ha. Net area under cultivation of different crops is 2,38,826 ha. The share of net area sown to total geographical area is 87.15 per cent. The cropping intensity of the district is 198%.

Out of gross cropped area of 4,73,451 ha (exclusive of horticulture crops) in the district, 4,58,364 ha (or 96.81%) is irrigated while 15,087 ha (3.19%) is rainfed. The cropped area is irrigated by either surface water sources or ground water sources or both. The cropped area irrigated by surface water sources is about 2,17,922 hectares (46%) and by ground water sources is about 3,13,102 hectares (66.13%). There are only two cropping seasons namely Kharif and Rabi in the district. Kharif crops have a share of 2,35,422 ha (or 49.72%), and Rabi crops have a share of 2,38,029 ha (or 50.28%). Paddy, Cotton and Sugarcane are the Major crops cultivated in kharif season with an area share of 48.79 per cent, 26.77 per cent and 12.10 per cent respectively. In rabi season, 91 per cent area, i.e. 2,16,610 ha was covered under wheat. Other major crops cultivated during Rabi season include Sugarcane and Sarson.

#### **d. Climate**

The climate of this district is on the whole dry, hot in summer and cold in winter. The year may be divided into four seasons. The cold season from november to march is followed by hot season which lasts till the onset of the south-west monsoon. The monsoon withdraws by 15 September and is followed by the Post-monsoon or the transition period.

The average rainfall over the district as a whole is 55 cm. It generally increases from south or south-west to east or north-east. Over 70 per cent of the annual rainfall is received during the monsoon months of July to September. July and August are the rainiest months, together accounting for over 50 per cent of the annual rainfall. Per-monsoon rainfall in June constitutes just about 10 per cent of the annual normal. Some precipitation, constituting about 10 per cent of the annual rainfall, is also received during the winter months of December to February in association with western disturbances which pass across the district or its neighborhood from west to east, affecting the weather over the district in this season. The variation in annual rainfall from year to year is large. In 48 years during 1901 to 1948, Jind which is the only station in the district with a long period of rainfall record, had 220 per cent of the annual normal rain in 1933 and only 29 per cent in 1939. Considering the rainfall in individual years during 48 years, it was less than 80 per cent of the annual normal in 15 years, including one spell of consecutive 5 years and one of consecutive two years. The average number of rainy days for the district is only 25 out of which 18 days are confined to the months of June to September and 4 days to the winter months of December to March. This shows that rainfall occurs mainly as showers. The heaviest rainfall recorded in the district in 24 hours was 225.5 mm at Jind on 11th July 1953.

There is no meteorological observatory in the district, On the basis of records of the observatories in the neighboring districts where similar climatic conditions prevail, it is stated that from the beginning of March, temperature increases rapidly till June which is generally the warmest month. The mean daily maximum temperature during June is around 41C and the mean daily minimum around 27C. The heat in summer is intense. On individual days, the day temperature may occasionally exceed 47 or 48 C. Scorching dust laden winds which blow during the hot season render the weather very tiring. Afternoon thunder showers which occur on some days bring some relief although only temporarily. With the onset of the monsoon by the end of June or beginning of July there is a drop in the day

temperature but the nights are nearly as warm as in June. Due to the increase humidity in the air, the weather is oppressive between the rains. After the withdrawal of the monsoon by about the middle of September there is a decrease in temperature, the fall in the night temperature being more rapid. After October both day and night temperature decreases rapidly. January is usually the coldest month with the mean daily maximum temperature at about 21 C , and the mean daily minimum at about 6 C in the cold season. Particularly in January and February, cold winds in the wake of passing western disturbances affect the district and the minimum temperature occasionally drops down to below the freezing point of water.

## 2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules

### (i) Solid Waste Management

#### a. Current status related to solid Waste management

	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1	Municipal corporations (Nagar Nigam or MahanagarPalika)	-	-	-	-
2	<b>Municipalities (MC Jind)</b>	31	45434	227170	102.22 TPD
	<b>MC Narwana</b>	23	19800	68299	26 TPD
	<b>MC Julana</b>	13	5138	25690	11.56 TPD
	<b>MC Uchana</b>	13	6500	26000	11.7 TPD
	<b>MC Safidon</b>	17	7832	39108	19.16 TPD
3	Nagar panchayats (Town area Councils)	-	-	-	-

	Local Bodies	No of Village Panchayats/ Blocks	No of Households	Population	Solid Waste Generated per day
2	Block /Taluk / Mandal Tehsils				
3	Village/Gram Panchayats				

**b. Identification of gaps and Action plan:**

**1. Segregation**

S. No.	Action points For villages /blocks/ town municipalities / City corporations	identificati on of gap	Action Plan	Responsible agencies	Timeline for completion of action plan					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(i)	<b>Segregation of waste at source</b>	Whether segregation at source practiced by households and other waste generators	Action plan to achieve segregation at source. Awareness programs, incentives, etc. may be considered	<ul style="list-style-type: none"> <li>•DDPO.</li> <li>•ULB</li> </ul>		Yes 100%	Yes 100%	Yes 100%	Yes 100%	Yes 100%

## 2. Sweeping

S. No.	Action points For villages /blocks/ town municipalities / City corporations	identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(i)	<b>Manual Sweeping</b>	Example:- % or length of road not covered for regular sweeping - Gaps in manpower - Gap in availability of sweeping tools/ equipment - Availability of suitable PPEs	Action plan for reducing gap including method cleaning, frequency of sweeping etc.	ULB DDPO	There is no gap in the manpower as per posts sanctioned by Director Panchayat.	Yes  (All Roads of MC Limit are covered by manual sweeping.)	Yes  (All Roads of MC Limit are covered by manual sweeping.)	Yes  (All Roads of MC Limit are covered by manual sweeping.)	Yes  (All Roads of MC Limit are covered by manual sweeping.)	Yes  (All Roads of MC Limit are covered by manual sweeping.)
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Gaps if any in achieving targeted date or length of road identified for Mechanical Road Sweeping	Project growth /intendation plan with timeline	DDPO ULB	In panchayat streets are being swept manually	Yes (1 Sweeping Machine is used)	Not required being small MC	Not required being small MC	Not required being small MC	Not required being small MC

### 3. Waste Collection

S. No.	Action points For villages /blocks/ town municipalities / City corporations	identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(i)	<b>100% collection of solid waste</b>	Whether 100% collection achieved?	Action plan to improve existing collection	ULB DDPO	NIL	Yes 100%	Yes 100%	Yes 100%	Yes 100%	Yes 100%
(ii)	<b>Arrangement for door to door collection</b>	Arrangement for door to door provided: % of blocks/ wards covered	If there is gap, action plan for door to door collection across the district	ULB DDPO	NIL	100% of 31 wards covered under Door to Door collection.	100% of 23 wards covered under Door to Door collection.	100% of 17 wards covered under Door to Door collection	100% of 13 wards covered under Door to Door collection	100% of 13 wards covered under Door to Door collection
(iii)	<b>Waste Collection trolleys with separate compartments</b>	Check availability and adequacy and if it needs up gradation	Action plan for procurement if required	ULB DDPO	NIL	10 Nos. of Waste Collection trolleys	3 Nos. of Waste Collection trolleys	3 Nos. of Waste Collection trolleys	3 Nos. of Waste Collection trolleys	6 Nos. of Waste Collection trolleys



S. No.	Action points For villages /blocks/ town municipalitie s / City corporations	identificatio n of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(iv)	<b>Mini Collection Trucks with separate compartments</b>	Check if adequate or needs up gradation or not required	Action plan for procuremen t if required	DDPO ULB	NIL	31 Nos. of Mini Collection Trucks	10 Nos. of Mini Collection Trucks	04Nos. of Mini Collection Trucks	01Nos. of Mini Collection Trucks	No mini truck for waste collectio n.
(v)	<b>Waste Deposition centres (for domestic hazardous wastes)</b>	Number of deposition centres required and nos available Or Any alternate arrangement.	Details of existing practice and scope for improvemen t or implement adequate system	DDPO ULB	NIL	1 Waste Depositi on centres (for domestic hazardou s wastes) at MRF point and Tie-up with divya medical waste	1 Waste Depositi on centres (for domestic hazardou s wastes)	1 Waste Deposition centres (for domestic hazardous wastes)	1 Waste Deposition centres (for domestic hazardous wastes)	1 Waste Depositi on centres (for domestic hazardou s wastes)

#### 4. Waste Transport

S. No.	Action points For villages /blocks/ town municipalities / City corporations	identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(i)	<b>Review existing infrastructure for waste Transport.</b>	[Check (i)whether existing fleet is adequate (ii) check whether segregated waste transport possible, etc.	Action plan for shortcomings identified .	ULB DDPO	NIL	47 Nos of vehicles for transportation of waste	13 Nos of vehicles for transportation of waste	07Nos of vehicles for transportation of waste	04Nos of vehicles for transportation of waste	06 Nos of vehicles for transportation of waste

S. No.	Action points For villages /blocks/ town municipalities / City corporations	identification of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(ii)	<b>Bulk Waste Truck</b>	[check adequacy]	[action plan for procurement if required]	ULB DDPO	Not required	Not required	Not required	Not required	Not required	Not required
(iii)	<b>Waste Transfer points</b>	[check whether available / adequacy]	[action plan for installation if required]	ULB DDPO	Not required	Not required as the agency agreement to collect waste from house holds	Not required as the agency agreement to collect waste from house holds	Not required as the agency agreement to collect waste from house holds	Not required as the agency agreement to collect waste from house holds	Not required as the agency agreement to collect waste from house holds
(iv)	<b>Vehicles for collection of waste, status of compartmentalization and GPS system</b>				NIL	47 Vehicles compartmentalization and GPS system	13 Vehicles compartmentalization and GPS system	04 Vehicles compartmentalization and GPS system	07 Vehicles compartmentalization and GPS system	06 Vehicles compartmentalization and GPS system
(v)	<b>Transportation of solid waste</b>				NIL	Yes daily	Yes daily	Yes daily	Yes daily	Yes daily

## 5. Waste Treatment and Disposal

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(i)	<b>Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirements as per Rules)</b>	Whether number of bulk waste generators identified for installation	Action for getting onsite composting plants commissioned	ULB DDPO	NIL	29 Nos. of By bulk waste generators are used for on site composting	15 Nos. of By bulk waste generators are used for on site composting	15 Nos. of By bulk waste generators are used for on site composting	3 Nos. of By bulk waste generators are used for on site composting	There is no bulk waste generator.

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identification of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(ii)	Wet-waste Management: Facility(ies) for centralBio methanation / Composting of wets waste.	Whether facility exists / functional / needs upgradation?	If not action plan for developing / upgradation of bio-methanation or composting facility	ULB DDPO	NIL	67 Nos of pits available for composting of wet waste	15 Nos of pits available for composting of wet waste	10 Nos of pits available for composting of wet waste	15 Nos of pits available for composting of wet waste	18 Nos of pits available for composting of wet waste

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identification of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(iii)	<b>Dry-Waste Management: Material Recovery for dry-waste fraction</b>	Whether MRF facility exists? / is there any arrangement to sending the drywaste to any common MRF or sent to Waste to energy plant or % Dry-waste converted as RDF or Need to set-up own Waste to Energy plant?	Action plan for use of dry segregated waste in MRF operation	ULB DDPO	NIL	2 MRF	1 MRF	1 MRF	1 MRF	1 MRF

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identificati on of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(iv)	<b>Disposal of inert and no recyclable wastes: Sanitary Landfill</b>	Does the agency still disposing waste in dumpsites? Whether sanitary landfill available? / Plan for constructing sanitary landfill or arrangement with ULBs	Action plan (i) to construct sanitary landfill if required (ii) Action plan to minimize land filling	ULB DDPO	NIL	1TPD	NA	NA	NA	NA
(v)	<b>Remediation of historic /legacy dumpsite</b>	Whether existing old dumpsite if any required remediation as per rules?	Action plan for remediation of legacy / historic dumpsite.	ULB DDPO	NIL	2.8 lakss Lagacy Watse, 01 laks remediated only 1.8 laks pending.	Tender in process	100% done	Tender in process	Tender in process



Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identificati on of gap	Action Plan	Responsibl e agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(vi)	<b>Involvement of NGOs</b>	Whether involvem ent of NGOs envisaged	NGOs can be involved for managem ent of solid waste campaign	ULB DDPO	NGOs of city is only involved in IEC	NGOs of city is only involved in IEC	NGOs of city is only involved in IEC	NGOs of city is only involved in IEC	NGOs of city is only involved in IEC	NGOs of city is only involved in IEC
(vii)	<b>EPR of Producers: Linkage with Producers / Brand Owners</b>	As per rules, producers and brand owners should facilitate in collection of packaging waste	Action plan for linkage of all producer s/brand owners or their PROs for collection of plastic waste	ULB DDPO	No producer brand owner in town	No producer brand owner in town	No producer brand owner in town	No producer brand owner in town	No producer brand owner in town	No producer brand owner in town

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Identification of gap	Action Plan	Responsible agencies	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
(viii)	<b>Authorisation of Waste Pickers</b>	Yes/No	List of authorised waste pickers should be available	ULB DDPO	NIL	Yes 46 Nos of waste pickers identified	Yes 04 Nos of waste pickers identified	Yes 13 Nos of waste pickers identified	Yes 10 Nos of waste pickers identified	Yes 07 Nos of waste pickers identified
(ix)	<b>Preparation of own by-laws to comply with SWM Rules 2016</b>	Yes/No	If not prepared action plan for preparation of by-laws which may be applicable in cantonment Board jurisdiction	ULB DDPO	NA	Yes By-laws notified	Yes By-laws notified	Yes By-laws notified	Yes By-laws notified	Yes By-laws notified

(x)	Garbage Vulnerable Points (GVPs)	Responsible Agencies	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
a.	No. of GVPs Identified	ULB	5	10	1	3	4
b.	* No. of GVPs removed  * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	ULB	5 removed	10 removed	1 removed	3 removed	4 removed
c.	Timelines to remove the pending GVPs	ULB	Removed	Removed	Removed	Removed	Removed

(xi)	On-site composting of horticulture waste in Parks & Institutions	Responsible Agencies	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
a.	No. of parks within Municipal limits	ULB	40	5	3	1	2
b.	No. of compost pits required in Parks.	ULB	40	4	1	1	5
c.	No. of compost pits provided in the parks	ULB	10	1	1	1	5
d.	Gap, if any	ULB					
e.	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	ULB	31.12.2023	31.12.2023	31.12.2023	31.12.2023	31.12.2023
f.	No. of Institutes in the city	ULB	110	30	15	10	25
g.	No. of   institutes doing on_ site composting	ULB	5	4	3	2	6
h.	Timelines to complete 100% Loe? institutes with compost pits or any other mode of treatment of wet waste	ULB	31.12.2023	31.12.2023	31.12.2023	31.12.2023	31.12.2023

**(ii) Plastic waste Management****(a) Current status related to Plastic waste management**

	<b>Urban Local bodies</b>	<b>Estimated quantity of Plastic Waste Generated per daY</b>
1	Municipal corporations (Nagar Nigam or MahanagarPalika)	-
2	<b>Municipalities (MC Jind)</b>	10 TPD
	<b>MC Narwana</b>	2.5 TPD
	<b>MC Safidon</b>	1.5 TPD
	<b>MC Uchana</b>	0.8 TPD
	<b>MC Julana</b>	0.8 TPD
3	Nagar panchayats (Town area Councils)	=

	<b>Local Bodies</b>	<b>Plastic Waste Generated per day</b>
2	Block /Taluk / Mandal Tehsils	-
3	Village/Gram Panchayats	-

**(b) Identification of gaps and Action plan:**

S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	Target time for Compliance					
					DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
1.	<b>Door to Door collection of dry waste including PW</b>	[100%]/ [partial %] [not initiated	If not 100 %, action plan for door to door collectio n of SW	<ul style="list-style-type: none"> <li>• ULB</li> <li>• DDPO</li> </ul>	NIL	100% dry waste is collected per day including PW	100% dry waste is collected per day including PW	100% dry waste is collected per day includin g PW	100% dry waste is collected per day including PW	100% dry waste is collected per day including PW

Sr. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
2.	<b>Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility</b>	This infrastructure is linked to SW management. May check gaps with respect to: Availability of transfer points and material recovery facility Involvement of informal sector / NGO. Registering waste pickers Linkage with PW recyclers involvement of producers and brand-owners	Within the district outline specific plans for Each villagepan chatay/block/ municipality / Nasarpanchayat/ Corporations for plastic waste collection	<ul style="list-style-type: none"> <li>• ULB</li> <li>• DDPO</li> </ul>	NIL	2 MRF	1 MRF	1 MRF	1 MRF	1 MRF

Sr. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	DDPO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
3.	<b>PW collection Centres</b>	Local Bodies may set-up own centres and also involve producers and brand-owners or their PROs to facilitate setting up of collection centres.	Plastic waste collection centre should be established in adequate numbers. Coordination with State Urban Department may be necessary	<ul style="list-style-type: none"> <li>• ULB</li> <li>• DDPO</li> </ul>	NIL	2 Nos. of PW collection Centres	1 Nos. of PW collection Centres	1 Nos. of PW collection Centres	1 Nos. of PW collection Centres	1 Nos. of PW collection Centres
4.	<b>Awareness and education programs implementation</b>	Review existing gaps in creating awareness among public for minimising and recycling PW	Education through mass media, schools, Producer / brand owner campaigns and other channels	<ul style="list-style-type: none"> <li>• ULB</li> <li>• DDPO</li> </ul>	NIL	Yes awareness and education programs implemented by Saksham Yuva and <b>SBM-U team</b>	Yes awareness and education programs implemented by Saksham Yuva and <b>SBM-U team</b>	Yes awareness and education programs implemented by Saksham Yuva and <b>SBM-U team</b>	Yes awareness and education programs implemented by Saksham Yuva and <b>SBM-U team</b>	Yes awareness and education programs implemented by Saksham Yuva and <b>SBM-U team</b>



5.	<b>Access to Plastic Waste Disposal Facilities</b>	Check if District has access to PW recycling / utilization or disposal facilities..	Check if PW recycling facilities available at reasonable distance; Channel for sending PW Collected to cement plants for processing Availability of waste plastic oil producing facilities; Linkage with PWD for usage of PW in road making. Action plan at district should involve Urban and Rural Local bodies	<ul style="list-style-type: none"> <li>• ULB</li> <li>• DDPO</li> </ul>	. NIL	Agreement made with door to door collection agency for disposal of plastic waste	Agreement made with door to door collection agency for disposal of plastic waste	Agreement made with door to door collection agency for disposal of plastic waste	Agreement made with door to door collection agency for disposal of plastic waste	Agreement made with door to door collection agency for disposal of plastic waste
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**(iii) C & D Waste Management**

**(a) Current status related to C & D Waste**

<b>Details of Data Requirement</b>	<b>MC Jind</b>	<b>MC Narwana</b>	<b>MC Safidon</b>	<b>MC Uchana</b>	<b>MC Julana</b>
<b>Total C &amp; D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)</b>	5 TPD	0.8 TPD	0.5 TPD	0.2 TPD	0.2 TPD
Does the District has access to C&D waste recycling facility?	NA	NA	NA	NA	NA

**(b) Identification of gaps and Action plan:**

S. No.	Action points for blocks / town MCs / City corporations	Identification of gaps	Action Plan	Responsible agency	Timeline for completion of action plan				
					MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
1.	<b>Arrange for separate collection of C&amp;D waste to C&amp;D waste deposition point.</b>	Check gaps w.r.t: Separate collection point of C&D Waste Identification of common C&D waste deposition points	Action plan for every local body in district. District may identify common C&D waste deposition points	<b>ULB</b>	Yes separate collection point is available at town	Yes separate collection point is available at town	Yes separate collection point is available at town	Yes separate collection point is available at town	Yes separate collection point is available at town

Sr. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
2.	<b>Whether local authority have fixed user fee on C&amp;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?</b>	Check gaps with respect to: Local by-laws to pay user fee implementation of a system to permit bulk generators (>20 tons in one day or 300 tons per project)	Common by-laws may be implemented in District. Local C&D waste management plans can be integrated to develop common collection and recycling facilities	<b>ULB</b>	Yes notified in news paper	Yes notified in news paper	Yes notified in news paper	Yes notified in news paper	Yes notified in news paper

Sr. No	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
3.	<b>C&amp;D recycling Facility</b>	Check whether district has any C&D waste recycling facility	Action plan for setting up C&D recycling facility in the District or ,tie-up with any other district or ULB for setting up common facilities. Plan should ensure viable operation of C&D plant including assured market for C&D products.	<b>ULB</b>	Tie-up with Kissan Tiles	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas
4.	<b>Usage of recycled C&amp;D waste in nonstructural concrete, paving blocks, lower layers of road pavements , colony and rural roads</b>	Is there any policy on usage or promotion on usage of C&D waste?	Local authority may make give appropriate incentives on usage of C&D waste. A% of usage in public works may be specified / any other scheme.	<b>ULB</b>	Paver Block	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas	Very small quantity and used in low lane areas

Sr. No .	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Agencies Responsible	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
5.	ICE on C&D waste management	Is there any sustained system of creating awareness created among local communities.	Action plan for awareness and education	<b>ULB</b>	No ICE facility available,	No ICE facility	No ICE facility	No ICE facility	No ICE facility

**(iv) Biomedical Waste Management**  
**a. Current Status related to biomedical waste**

<b>Inventory of BMW in the District</b>	<b>Quantity</b>
Total no. of Bedded Healthcare Facilities	178
Total no. of non-bedded HCF	59
No. of HCFs authorised by SPCBs/PCCs	237
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	NIL
Capacity of CBWTFs	NIL
No. of Deep burials for BMW if any	NIL
Quantity of biomedical waste generated per day	238 Kg/day
Quantity of biomedical waste treated per day	238 Kg/day



**(b) Identification of gaps and Action plan:**

<b>S. No.</b>	<b>Action points</b>	<b>Gaps</b>	<b>ActionPlan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1.	inventory and identification of Healthcare Facilities	No gap, inventory of all HCFs generating biomedical waste is being checked on regular basis and any new HCF identified is being added to inventory.	Any new HCF identified is being added to inventory time to time and is a ongoing activity	<b>HSPCB</b>	The Inventorization of HCFs already done and further it is an ongoing process/activity
2.	Adequacy of facilities to treat biomedical waste	There is no gap as all HCFs in District Jind are having Linkage with 01 No. CBWTF (M/s Haat Supreme, Karnal) and presently treatment capacity of CBWTF is adequate and more than the waste generated.	Already installed 01 No. Common Bio Medical Waste Treatment Facility (CBWTF) occupied with Incinerator having residence time of 2 seconds, shredders with autoclaving facilities, in district Jind Already done, Phasing-out the use of chlorinated plastic bags. No deep burial and open littering of Bio Medical Waste done in the district.	<b>HSPCB</b>	Currently adequate facility already available in the district Jind as per plan approved by State Government and consideration of Central Pollution Control
3.	Tracking of BMW	The Bar Code system will be implemented after finalization of rate with concern agency at Head Office level	Plan for implementation of bar code system by all HCFs and CBWTFS in the district is under process. Direction issued to rest of the HCFs to adopt the Bar code system.	<b>HSPCB</b>	Action plan under process.
4.	Awareness and education of healthcare staff	Training sessions are organised for all stakeholders	The training of all the staff is ongoing process regularly.	<b>Health Department, Haryana</b>	Regular activity

5.	Adequacy of funds	Adequate funds is allocated to Government health care facilities for biomedical waste management by State Govt.	Ensuring adequate funds to Government health care facilities for bio-medical waste management by State Govt.,	<b>Health Department, Haryana</b>	
6.	Compliance to Rules by HCFs and CBWTFs.	Regular Checking of HCFs and CBWTF to ensure compliance of BWM Rules, 2016. No gap	Quarterly Inspection of CBWTF and regular inspections of HCF's is being carried out.	<b>HSPCB</b>	Regular activity
7.	District Level Monitoring Committee	District Level Monitoring Committee to be constituted and meetings organised	Periodicity of reviews and follow up by DLMC. and setting up teams in health department to monitor compliance.	<b>Health Department &amp; HSPCB</b>	01 No. of DLMC meeting held in Jind District
8.	Wastewater Treatment	Currently all HCFs are having connection with terminal treatment capacity facility.	Regular inspection of HCFs to check requirement of ETP and connection with terminal treatment facility.	<b>HSPCB</b>	Currently all HCFs are having connection with terminal treatment capacity facility

## (v) Hazardous Waste Management

### a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	59
Quantity of HW in the district	29014 MT/Annum
(i) Quantity of Incinerable HW	NIL
(ii) Quantity of land-fillable HW	14MT/Annum
(iii) Quantity of Recyclable / utilizable HW	29000MT/Annum
No of captive/common TSDF	NIL
Contaminated Sites or probable contaminated sites	NIL

### b. identification of gaps and action plan:

S. No.	Action points	Gaps	ActionPlan	Responsible agency	Timeline for completion of action plan
1.	Regulation of industries and facilities generating Hazardous Waste	All hazardous waste industries are identified and 39 No. of units have been authorised under HOWM Rules, 2016. Currently there is no gap.	All 59 units have obtained authorization under HOWM Rules, 2016. The Hazardous waste is being disposed off through GEPIL, TSDF site at Pali, Faridabad. HSPCB is monitoring during inspection of industries regarding the quantity of Hazardous waste generation w.r.t. process of industries and operation of ETP by industries.	HSPCB	Already done
2.	Establishment of collection centres	Check district has collection centers for hazardous wastes with linkage to common TSDFs / recyclers	Local authority should ensure that adequate number of collection centers should be established and are linked to Common TSDFs.	HSPCB	Door to Door collection by GEPIL

3.	Training of workers involved in handling / recycling / disposal of HW	Identify facilities / industries engaged in recycling / pre-processing / disposal of hazardous waste in the district.	Action plan to train the workers on safety aspects through Department of industries as per provisions under HOWM Rules,20L6	<b>Additional Director Health and Safety Department</b>	Ongoing Process
4.	Availability / Linkage with common TSDF or disposal facility	Check if the generators of HW have access to common TSDF in the State?	Action plan to ensure all generators are linked to TSDF I Action plan in case there is no TSDF in the district or State - in such case evaluate existing storage and captive disposal facilities through SPCBs/PCCs	<b>HSPCB</b>	TSDF already available in State and all Hazardous waste generating industries in the district are having linkage with TSDF.
5.	Contaminated Sites	Are there any sites where soils / sediments/ groundwater contaminated due to dumping of industrial wastes	Action plan for identification of probable contaminated site, incidents of HW dumping, responsible parties for contaminated site etc. and to remediate contaminated sites.	<b>HSPCB</b>	No contaminated site in district Jind

**(vi) E-Waste Management****Current Status related to E-Waste Management**

Details of Data Requirement	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
Inventory of E-Waste in MT/year	Under Process	Under Process	Under Process	Under Process	Under Process
Collection centers established by ULBs in the District	Under Process	Under Process	Under Process	Under Process	Under Process
Collection centers established by Producers or their PROs	Under Process	Under Process	Under Process	Under Process	Under Process
No. of authorized E-Waste recyclers / Dismantler	No authorized e - waste recycler	No authorized e - waste recycler	No authorized e - waste recycler	No authorized e - waste recycler	No authorized e - waste recycler

**b. Identification of gaps and action plan:**

S. No.	Action points	Gaps	ActionPlan	Responsible agency	Timeline for completion of action plan					
					HSPCB	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
1.	Inventory / Generation of E-Waste / Bulk-waste generators	Inventorization of bulk waste generators of E-Waste need to be done for implementation of E-Waste Rules, 2016.	Inventorization of bulk waste generators shall be done with the help of local administration and ULBs .	SPCB/ PCC & ULB	50 Nos. of Bulk consumer of E-waste identified and notice has been issued .	31.12.2023	31.12.2023	31.12.2023	31.12.2023	31.12.2023

2.	<b>E-Waste collection points</b>	Availability of E-Waste collection points / call centres / kiosks in villages - Blocks / /towns / cities	Identification / registering E-Waste collection centres in association with Producers - their PROs or Recyclers	<b>ULB</b>	NA	E- waste collection point developed soon by MC	- waste collection point developed soon by MC	- waste collection point developed soon by MC	- waste collection point developed soon by MC	- waste collection point developed soon by MC
3.	<b>Linkage among Stakeholders to channelize E-Waste</b>	District administration needs to collect information on collection centers established by Producers /PROs. Administration need also to channelize E-waste collected in District.	Action plan to establish linkages between ULBs / Collection Centres of Producers and PROs / SPCBs / bulk waste generators / Recyclers / SPCBs / District Administration / Public	<b>ULB</b> <b>HSPCB</b>	There is 01 E-Waste recycler in the district Jind .	No big E-waste generator in town	No big E-waste generator in town	No big E-waste generator in town	No big E-waste generator in town	No big E-waste generator in town

4.	Regulation of illegal E-Waste recycling / dismantling	There is no such Illegal E-Waste recycling / dismantling facilities existing in district Jind	No Gap. However, Action plan in coordination with SPCBs/PCCs and District Administration to check this activity.	<b>HSPCB</b>	No illegal E-Waste recycling/dismantling unit is operating in district Jind. Strict action as per policy of the board is taken against illegal units.					
5.	<b>Integration of informal sector</b>	No mechanism exists for bringing informal sector into main stream in collection and recycling of EWaste	Evolving mechanism by involving producers / PROs Identification of group of informal sector viz. Rag Pickers, Electronic/Electrical Repair Shops involved in collection of E-Waste and channelization of the same in to main stream with the help of local administration and ULBs	<b>ULB</b>	No informal sector in town	No informal sector in town	No informal sector in town	No informal sector in town	No informal sector in town	No informal sector in town

6.	Awareness and Education	Awareness programmes for stakeholders and informal sectors involved in EWaste collection needs to done.	special workshops and awareness campaigns through Producers / PRO Conducting of special workshops and awareness campaigns through Producers/PROs Dissemination of information about collection centers established in the District website.	<b>HSPCB &amp; ULB</b>	Awareness programs are being conducted and is an ongoing activity.	Awareness programs are being conducted by Saksham yuva and <b>SBM-U team</b> time to time in town	Awareness programs are being conducted by Saksham yuva and <b>SBM-U team</b> time to time in town	Awareness programs are being conducted by Saksham yuva and <b>SBM-U team</b> time to time in town	Awareness programs are being conducted by Saksham yuva and <b>SBM-U team</b> time to time in town	Awareness programs are being conducted by Saksham yuva and <b>SBM-U team</b> time to time in town
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### 3.0 Air Quality Management

#### a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:	01 No. CAAQMS installed at Antodya Bhawan Building, BDPO Office, 1 <sup>st</sup> floor, Mini Secretariat, Jind (Haryana) Website link to check Air Quality Index = <a href="https://app.cpcbccr.com/AQI India/">https://app.cpcbccr.com/AQI India/</a>
Number of manual monitoring States operated by SPCBs	01 No. Manual station installed at M/s Haryana Leather Chemical, Plot No. 72-77, HSIIDC, Industrial estate , Jind
Name of towns / cities which are failing to comply with national ambient air quality stations	NIL
No of air pollution industries	Industries = 135 Brick Kiln = 141
Prominent air polluting sources [Large Industry]/ [Small Industry]/ [Unpaved Roadsl / [Burning of Waste Stubble] / [Brick Kiln / industrial Estatel / [others] (Multiple selection)	Small Industry, Brick Kiln, Stubble Burning, waste burning, dust from roads.

**b. Identification of gaps and action plan:**

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan	
1.	Identification of prominent air polluting sources?	Carry out inventory of air pollution sources in District including hotspots or areas of concern pertaining to air pollution in association with SPCBs/PCCs may	• HSPCB	Inventory of Air polluting Industries is already done and also the new industry added to the list.	
			• DDA	Total farming families in District	1,10,000
				Total cultivable area:	<b>240930 Hec</b>
				Area under Paddy cultivation	<b>141263 Hec</b>
				Area under Basmati Paddy :	<b>66399 Hec</b>
				Area under non-basmati and hybrid Paddy	<b>74864 Hec</b>
				The estimated paddy straw production/year @ 6.2 tones per hectare:	775000 Tons (Balance paddy harvested through manual)
				Villages are red zone (> 6 AFLs)	20
<b>Note: The action plan has been prepared for awareness management of paddy straw through in-situ and ex-situ.</b>					
2.	Ambient Air quality data?	Plan to get access to available air quality monitoring stations in the District operated by both Public and private agencies.	HSPCB	Ambient Air quality data Available through digital display Board, on Sameer App and CPCB website.	

3.	Setting up of Continuous Ambient Air Quality Monitoring Station	<p>Like weather station, District may also have ambient air quality monitoring at major urban settlements or Populated areas. Action Plan may propose setting up at least one CAAQMS in District. Also access data generated by CAAQM stations installed by other pvt/public agencies. District authority in association with local office of SPCB/PCC should also ensure that at least one manual Air Quality monitoring station is available in each city. [District admin may set-up its own network of CAAQMS or manual stations</p>	<b>HSPCB</b>	One CAAQMS in District Jind already installed
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4.	<b>District Level Action Plan for Air Pollution</b>	Action plan should be prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards. Measures may include multi sectoral approach for air pollution control such as promotion of public transport, use of green fuels, E-mobility; LPG based cooking, carpeting open areas/kerbs, etc. Action plans envisaged in NCAP project initiated by MOEF &CC may be referred]	• <b>HSPCB</b>	Regular and special drives for inspection of industries is conducted to check use of illegal fuel																		
			• <b>DDA</b>	Comprehensive action plan for straw has been prepared through:- Ex-situ Management																		
			<table border="1"> <thead> <tr> <th>Sr.no</th> <th>Name of Unit</th> <th colspan="3">Quantity in (Tonnes)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Jind Bio Energy LLP</td> <td colspan="3">1,00,000 Tons</td> </tr> <tr> <td colspan="2">Total</td> <td colspan="3">1,00,000 Tons</td> </tr> </tbody> </table>		Sr.no	Name of Unit	Quantity in (Tonnes)			1	Jind Bio Energy LLP	1,00,000 Tons			Total		1,00,000 Tons			B- Through In-situ Management		
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1	No. of Machinery (2323-Indusual) (3068-CHC)	30 Ton	23000 Tons																			
• <b>RTA</b>	District Jind has 102 Nos. of pollution checking centres for Diesel and petrol vehicles. All vehicle owners who apply for fuel type conversion from diesel/ petrol to CNG, get the requisite permission on priority basis.																					
• <b>ULB</b>	Vehicles used for regular sprinkling during sweeping of road.																					
		<b>MCJind</b>	<b>MC Narwana</b>	<b>MC Uchana</b>	<b>MC Julana</b>	<b>MC Safidon</b>																
		<b>02</b>	<b>01</b>	<b>01</b>	<b>01</b>	<b>01</b>																

5.	Hotspots of air pollution in District	hotspot with respect to air pollution (such as stubble burning, illegal waste burning, unauthorized operations, cluster activities, forest fires etc.) should be identified and localised action plan for mitigation of the same should be prepared	• <b>HSPCB</b>	There is one industrial area in Jind town and one in Narwana town. All the air polluting industries are being monitored on a regular interval of time and ensured to have installed and run their APCMs regularly.
			• <b>DDA</b>	There is total 20 villages are identified for Red Zone and 33 Villages for Yellow Zone out of total 305 villages in district Jind
			• <b>ULBs</b>	NIL

6.	Awareness on Air Quality	Plan for dissemination of information on local air quality in towns and cities located in District. May consider developing Mobile App / Online portal for dissemination of air quality as well as to take complaints on local air pollution.	<p>• HSPCB</p> <p>• DDA</p>	<p>Continuous Ambient air quality data is accessible through digital display Boards, Sameer App and through website. Banners are placed various prominent places in the district for awareness along with organising seminars and awareness programmes from time to time.</p> <table border="1" data-bbox="880 312 2045 560"> <thead> <tr> <th colspan="4">IEC Activities plan</th> </tr> <tr> <th>Sr.no.</th> <th>Name of activity</th> <th>Nos.</th> <th>Action to be taken</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Awareness Camp</td> <td>305</td> <td>Completed</td> </tr> <tr> <td>2</td> <td>Wall Painting</td> <td>25</td> <td>Completed</td> </tr> <tr> <td>3</td> <td>Mobile Van</td> <td>3</td> <td>Each for sub Division</td> </tr> </tbody> </table> <p><b>Monitoring Mechanism</b></p> <ul style="list-style-type: none"> <li>• One Nodal Officer for overall monitoring with Control Room</li> <li>• Flying squads/ monitoring teams are constituted at Sub Division, Block and village levels.</li> <li>• Two officers are appointed in red zone areas for monitoring.</li> <li>• Jind Agri -straw burning whats app group created for AFL Reporting.</li> <li>• Using of SMS compulsory for Combine Harvester for in Situ Management of Straw.</li> <li>• No straw burnings panchayats will be awarded.</li> <li>• Storage spaces for paddy bales will be identified by gram panchayats</li> <li>• Wide Publicity among the farmer through Awareness Camps, Mobile Van, Wall Painting, Posters etc.</li> </ul>	IEC Activities plan				Sr.no.	Name of activity	Nos.	Action to be taken	1	Awareness Camp	305	Completed	2	Wall Painting	25	Completed	3	Mobile Van	3	Each for sub Division
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## 4.0 Water Quality Management

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### 4.1 Water Quality Monitoring

#### a. Current Status related to Water quality Management

Details of Data Requirement	Present Status
Rivers	Nil
Length of Coastline (if any)	NA
Nalas/ Drains/Creeks meeting Rivers	There are 49 No. Drain under the jurisdiction of YWS circle Jind out of these 23 No. Drain of Jind W/S Division, Jind and 26 No. Drain of Safidon W/S Division, Safidon.
Lakes / Ponds	191 Ponds
Total Quantity of sewage from towns and cities in District	44.73 MLD
Quantity of industrial wastewater	<b>0.689 MLD</b>
Percentage of untreated sewage	NIL
Details of bore wells and number of permissions given for extraction of groundwater	-
Groundwater polluted areas if any	NIL
Polluted river stretches if any	NIL

**b. Identification of gaps and action plan for water quality monitoring:**

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	inventory of water bodies	All data of water bodies (rivers / canals / natural drains I creeks / estuaries / groundwater / ponds / lakes / etc.) under the jurisdiction of Irrigation department YWS Circle JIND is properly maintained.	<b>Irrigation Department, Pond water Authority</b>	<b>All data of water bodies</b> (rivers / canals / natural drains I creeks / estuaries / groundwater / ponds / lakes / etc.) under the jurisdiction of Irrigation department YWS Circle JIND is properly maintain. <a href="https://docs.google.com/spreadsheets/d/1oBl8L3L-r9u-ulSSNlzv4Pn9t6i2_Rd5/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true">https://docs.google.com/spreadsheets/d/1oBl8L3L-r9u-ulSSNlzv4Pn9t6i2_Rd5/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true</a> <a href="https://docs.google.com/document/d/115TlxiY6hUWKd3aSgFQXG49DPE6QT3Xf/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/115TlxiY6hUWKd3aSgFQXG49DPE6QT3Xf/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true</a> <a href="https://docs.google.com/document/d/1vdHZqL27U1jv_jYSUyrBFhUadB5lUQo-/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1vdHZqL27U1jv_jYSUyrBFhUadB5lUQo-/edit?usp=sharing&amp;ouid=108922024306523211183&amp;rtpof=true&amp;sd=true</a>
2	Quality of water bodies in the district	Check availability of data on water bodies. Create a district level monitoring cell for periodic monitoring of water bodies for specific parameters in association with SPCBs.It is also necessary to disseminate information pertaining to water quality in the form of hoardings on river banks, official websites, etc.	<b>Irrigation Department,</b>	-
			<b>HSPCB</b>	Ground Water quality monitoring of designated points is done on quarterly basis ( <a href="https://hspcb.gov.in/PDGWM">https://hspcb.gov.in/PDGWM</a> )
3	Hotspots of water contamination	Check trends of water quality and identify hotspot of surface water and ground water. Establish a system or separate cell to monitor water quality. Implementation points for restoration of water quality in association with SPCBs and department of environment.	<b>HSPCB</b>	No point source/ hotspot of surface/ ground water contamination



4	Protection of river / lake water front	Action plan should be prepared for control river side open defecation, dumping of Solid waste on river banks, for idol immersion etc.	<b>Irrigation Department</b>	There is no river /lake under the jurisdiction of YWS Circle, Jind.
			<b>ULB</b>	Not Applicable as there is no river bank/ lake waterfront with ULB's.
5.	Inventory of sources of water pollution	Check whether inventory of all sewage and wastewater discharge points into water bodies in the district. Action plan to complete inventory.	<b>Irrigation Department</b>	-
			<b>DDPO</b>	Not Related to DDPO. This is related to XEN, Panchayati Raj.
6.	Oil spill disaster management (for coastal districts)	Whether district oil spill crisis management group and District Oil Spill Disaster Contingency Plan has been created? If not, create District Oil Spill Crisis Management Group and District Oil Spill Disaster Contingency Plan for the district	Not Applicable	

7.	Protection of flood plains	Check whether there is regulation for protection of flood plain encroachment? Action plan should be prepared for protection flood plain and prevention of encroachment.	<b>Irrigation Department,</b>	There is no river in District Jind.
			<b>ULB</b>	Not Applicable
			<b>DDPO</b>	Regular checking to avoid entering solid waste in water bodies and clean everyday
8.	<b>Rejuvenation of groundwater</b>	Check availability of groundwater and if required prepare action plan to rejuvenate ground water in selected areas, Action plan should be prepared for Rain water harvesting	<b>ULB,</b>	26 Nos. of Rain water harvesting systems are installed.
			<b>DDPO</b>	NA
9.	Complaints redressal system	Check whether there is any complaint redressing system based on Mobile App I Online, is available? If not, a complaint redressing system based on Mobile App / Online should be available at district level	<b>Irrigation Department,</b>	CM Window
			<b>HSPCB</b>	CM Window, PG Portal, SMGT and Sameer app

## 4.2 Domestic Sewage

### a. Identification of gaps and action plan for treatment of domestic sewage

Details of Data Requirement	Jind		Narwana	Safidon	Uchana	Julana
	PHED	HSVP	PHED	PHED	PHED	PHED
No of Class-II towns and above	1	1 fully developed	1	1	1	1
No of Class-I towns and above	----	Nil	---	----	---	----
No of Towns STPs installed	3 Nos.	1	3 Nos.	1 Nos.	2 Nos.	1 Nos.
No of Towns needing STPs	1	1	1	1	1	1
No of ULBs having partial underground sewerage network	1 No.	In one town	1	1	1	1
No of towns not having sewerage network	Nil	Nil	---	----	---	----
Total Quantity of Sewage generated in District from Class II cities and above	19.92 MLD	7 MLD	8 MLD	3.87 MLD	2.44 MLD	2.5 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	----	Indirectly	---	----	---	----
Quantity of untreated or partially treated sewage (directly or indirectly)	----	NIL	---	----	---	----
Quantity of sewage flowing into lakes	----	NIL	----	----	----	----
Total available Treatment Capacity	27 MLD	10 MLD	9.25 MLD	9 MLD	3.5 MLD	4 MLD

**b. Identification of gaps and action plan for treatment of domestic sewage:**

S. No	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan					
				MC Jind		MC Narwana	MC Safidon	MC Uchana	MC Julana
				HSVP	PHED	PHED	PHED	PHED	PHED
1	Sewage Treatment Plants (STPs)	Check whether existence capacity of STPs is adequate for treatment of sewage? If no, action plan for additional treatment capacity required should be prepared in association with ULBs / department of UD,	<ul style="list-style-type: none"> <li>• PHED</li> <li>• HSVP</li> </ul>	1 No. 10 MLD	No Gap capacity of STPs is adequate	No Gap capacity of STPs is adequate	No Gap capacity of STPs is adequate	No Gap capacity of STPs is adequate	No Gap capacity of STPs is adequate
2	Underground sewerage network	Check available sewerage network and prepare Action plan for laying of sewerage network in town and cities. The project may be executed through ULBs and Department of UD.	<ul style="list-style-type: none"> <li>• PHED</li> <li>• HSVP</li> </ul>	100% covered	463 Km. sewer already exist and balance sewer line work is being executed by ULB Department under AMRUT Project which is to be completed upto 31/03/2024 as per revise timeline applied by concerned Department.	119 Km. sewer in Narwana Town already exist	99 KM sewer in Safidon Town already exist.	49 KM sewer in Uchana Town already exist	55 Km. sewer in Julana Town already exist

3	Laying of sewerage network in the towns	%age of the area covered under sewerage system, gap and timeline for completion	<ul style="list-style-type: none"> <li>• PHED</li> <li>• HSVP</li> </ul>	100% covered	90% of city is covered under sewerage system and balance sewer line work is being executed by ULB Department.	90% of city is covered under sewerage and balance sewer line work is under progress.	92% of city is covered under sewerage and balance sewer line work is under progress and timeline of work completion date is 30.10.2023.	No Gap	94% of city is covered under sewerage and balance sewer line work is under progress and timeline of work completion date is 31.12. 23..
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## 5.0 Industrial wastewater management

### a. Current Status related to industrial Wastewater Management

Number of Red, Orange, Green and White industries in the District	Red = 40, Orange =273 Green = 59
No of industries discharging wastewater	57
Total Quantity of industrial	689.25 KLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	NIL
Common Effluent Treatment Facilities	01
No of Industries meeting Standards	51
No of Industries not meeting discharge Standards	05 (Closed by Board)

### b. Identification of gaps and action plan for industrial wastewater:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Compliance to discharge norms by industries	Regular inspection and sampling of water polluting industries is carried out and 06 Nos. of units have been closed by HSPCB and amount of Rs. 55.06 Lacs as Environment Compensation has been imposed for violating the norms. All units have installed the flow meter at inlet/out of ETPs. No gap is there.	HSPCB	Regular activity
2.	Complaint redressal system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. District Public Relation and Grievance Redressal Committee is also working on public grievances	HSPCB	CM Window, PG Portal, SMGT and Sameer app available. No gap

## 6.0 Plantation Drive

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25	Plantation activities	Responsible Agency	DFO	MC Jind	MC Narwana	MC Safidon	MC Uchana	MC Julana
25.1	Number of trees planted last year	DFO, ULB	234610	600	300	250	280	210
25.2	Number of trees to be planted in current year	DFO, ULB	792333	450	1500	100	350	300
25.3	Number of trees planted till now in current year	DFO, ULB	385875	400 in Parks & Commercial Area in MC Limit	1500 in Parks & Commercial Area in MC Limit	100 in Parks & Commercial Area in MC Limit	350 in Parks & Commercial Area in MC Limit	300 in Parks & Commercial Area in MC Limit

## 7.0 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 held in district Jind
No of licenced Mining operations in the District	NIL
Area covered under mining in the District	0
Area of Sand Mining	NIL
Area of sand Mining	NIL

### 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	A district level task team may be identified to identify mining activity and to monitor status wither respect to environmental compliance	<b>Mining Department</b>	<b>No mining activity held in district Jind</b>
2.	Inventory of illegal mining if any mining	Action plan to identify illegal sand and other mining activity in the District through surveillance, patrolling and enforcement. District Level task Force may be constituted for control of illegal mining activity	<b>Mining Department</b>	<b>NIL</b>
3.	Environment compliance by Mining industry	Action plan for periodic verification of compliance to environmental conditions stipulated by SPCBs/PCC, MOEF & CC department of mines etc. SPCBs/PCC may be involved in this activity.	<b>Mining Department</b>	<b>NIL</b>



## 8.0 Noise Pollution Management plan

### a. Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	01

### b. Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible Agency	Timeline for completion of action plan		
				HSPCB	ULBs	Traffic Police
1.	Availability of Sound/Noise Level Meters.	Currently, No Noise meter is available at present. HSPCB office for district Jind is under establishment in District Jind. Requirement of Noise meter has been sent to Head Office for procurement.	ULB, HSPCB, Traffic Police,	Noise level meter is available	NA	-
2.	Ambient Noise Level monitoring.	Currently, No Noise meter is available at present. HSPCB office for district Jind is under establishment in District Jind. Requirement of Noise meter has been sent to Head Office for procurement.	ULB, HSPCB, Traffic Police	No Ambient Noise meter is available at present.	NA	-

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan		
				HSPCB	ULBs	Traffic Police
3.	Signboards in Noise zones	Signboard provided at Community centres, and marriage places.	ULB, Traffic Police	-	Done	-
4.	Complaint redressing system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. More over Social Media Grievance track (SMGT) is also working in the District. District Public Relation and Grievance Redressal Committee is also working on public grievances.	ULB, HSPCB, Traffic Police/RTA	Regular Activity	Regular Activity	Regular Activity
5	Restriction on the use of pressure horns in vehicles	Appropriate action to be taken against vehicle owners found using pressure horns. Strict Implementation of provisions of Central Motor Vehicle, Rules, 1989:- Rule 119- Challaning of vehicles using Pressure horns with a penalty of Rs 10000 per vehicle. Rule 120- All vehicles plying on the roads shall mandatorily have silencers installed on them.	Traffic Police/RTA	-	-	Regular Activity

## 9.0 Other Environmental Issues

Sr. no.	Action points	Responsible Agencies	
a	Management of solid waste and liquid waste generated from unauthorized colonies/residential complexes/commercial complexes developed by private developers	ULB	There is no unauthorised in MC Area. No Gap
		DTP	-
		DDPO	Households/commercial complex owner Manage at their own level
b	Management of carcasses in the rural area	DDPO	In every Gram Panchayat particular land is Decided for this type of Waste Called Hadda Ruddi

## 10.0 Good practices

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Good environmental management practices are those techniques, measures and actions that can be implemented by public administrations to minimize their direct and indirect impact on the environment. The District Administration of Jind always makes efforts for adopting best environment management practices. Some of them are enlisted below:

1. Installed one number Continuous Ambient Air Quality Monitoring Station at Jind City for real time monitoring of Ambient Air Quality as per National Ambient Air Quality Standards. One display board reflecting real time data regarding different parameters is installed at prominent location i.e. Mini Secretariat.
2. All 204 Health care facilities including government, private hospital, clinic, diagnostic centre, veterinary hospital, occupation health centre, ESI centre etc. has obtained the Biomedical authorization as per Biomedical Waste Rules, 2016.
3. All the 39 industrial units engaged in Hazardous waste generation have obtained the Hazardous waste authorization as per Hazardous and Other Waste Rules, 2016. Further the digital online manifest system is adopted by all these unit for transportation of Hazardous waste to CHWTDF.
4. Total 11 Sewage Treatment Plants and 01 Common Effluent Treatment Plant installed having treatment capacity of 62.75 MLD sewage water and 0.1 MLD industrial waste water respectively.
5. To avoid and reduce the smog during the winter seasons water sprinkling and spraying is done by ULBs, Industries, Construction Sites, PHED and other departments.
6. Regular Tree Plantation Derives are conducted by various Industries, NGOs, farmers, District Administration along with HSPCB regional Office and Forest Department.
7. Real Time monitoring of Stubble Burning incidents conducted through Satellite by Haryana Space Applications Centre (HARSAC) along with HSPCB regional Office and District Administration.
8. For the environmentally sound management of domestic solid waste; 100% door to door collection is achieved by all Urban Local Bodies of Jind District.

9. For the enforcement of Plastic Waste (Management and Handling) Rules 2016 and Haryana Government, Urban Local Bodies Department notification dated 20.08.2013; challan are regularly conducted by Jind District administration.
10. Mechanized Road sweeping machines are regularly used to reduce the air pollution by Municipal Council, Jind.
11. The Jind District is an open defecation free district (ODF).
12. To reduce the vehicular pollution well managed traffic system is adopted with Parking facilities, traffic light systems, PUC Certificate checking etc. by traffic police. To avoid overloading and further compliance of Motor vehicle Rules regular checking is done by Regional Transport Office/ Authority, Jind.
13. All the industries in Jind District are using only legal/approved fuels as per the HSPCB Order 4023- 4076, dated 12.12.2018.

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