

Agenda Item No.193.06

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**Annual Report of the Haryana State  
Pollution Control Board for the year 2020-21**

There is provision in section 39 (2) of the Water Act, 1974 that every State Board shall, during each financial year, prepare, in such form as may be prescribed, an annual report giving full account of its activities under this Act during the previous financial year and forwarded to the State Government. The Government shall lay down such report before the State Legislature. There is a corresponding provisions in section 35 (2) of the Air Act, 1981.

The Government of Haryana vide notification No. GSR-125/C.A.6/74/S.64/78 dated 22.12.1978 has issued the Haryana (Prevention and Control of Water Pollution) Rules, 1978 (as amended). As per Rule 31, Form 'G' of Annual Report has been prescribed in terms of Section 39 of Water Act, 1974.

The Government of Haryana vide notification No. G.S.R. 73/C.A.14/81/S, 54 '83 dated 15.12.1983 has issued the Haryana Air (Prevention and Control of Pollution) Rules, 1983 (as amended). As per Rule 27, Form XI of Annual Report has been prescribed in terms of Section 35 of Air Act, 1981.

The contents of Form 'G' of Annual Report prescribed under the Haryana (Prevention and Control of Water Pollution) Rules, 1978 and Form XI of Annual Report prescribed under the Haryana Air (Prevention and Control of Pollution) Rules, 1983 are similar and annexed as **Annexure-I**.

As per contents of Form G and Form XI of the Annual Report, information for Annual Report for the period 01.04.2020 to 31.03.2021 was sought from all Branch In-charges in the Head office and all Regional Officers in the field and Lab In-charges of HSPCB.

Accordingly, Annual Report of the Haryana State Pollution Control Board for the period 01.04.2020 to 31.03.2021 has been drafted and annexed as **Annexure-II**.

In view of above, the Board may consider the Annual Report of the Haryana State Pollution Control Board for the for the period 01.04.2020 to 31.03.2021 and accord approval for the same, so that same may be submitted to the Government for placing before State Legislature.

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"Annual Reports for the year \_\_\_\_\_

1. *Introductory.*
2. *Constitution of the Board including changes therein.*
3. *Constitution of the Committee by the Board and meeting of the committee constituted by it.*
4. *Meetings of the Board.*
5. *Activities of the Board including the various functions performed under section 17 of the Act.*
6. *Prosecutions launched and convictions secured.*
7. *Finances and Accounts of the Board.*
8. *Visits to the Board by experts/important persons etc.*
9. *Any other important matter dealt with by the Board."*

# **ANNUAL REPORT 2020-21**

**Haryana State Pollution Control Board**

**The Haryana State Pollution Control Board acknowledges the commitments, coordination, contribution and all sincere efforts of its employees to protect, preserve and improve the quality of environment for a safer, cleaner and greener tomorrow.**

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## **CHAPTER 1: INTRODUCTION**

## 1.1 Haryana State Pollution Control Board (HSPCB)

The Haryana State Pollution Control Board is a statutory authority entrusted with the duty to implement environmental laws and rules within the jurisdiction of the State of Haryana. The Board ensures proper implementation of the statutes, judicial and legislative pronouncements related to environmental protection within the State. Haryana State Pollution Control Board was constituted under Water (Prevention and Control of Pollution) Act, 1974 vide Notification No. 86/ (4)(iv)74/33298 dated September 19, 1974 initially for prevention and control of water pollution and for maintaining or restoring wholesomeness of water.

The Haryana State Pollution Control Board (HSPCB) is mandated to implement applicable environmental laws/rules/notifications (Air/ Water) in the State of Haryana. The HSPCB draws up comprehensive plans and advises the State Government on the prevention, control and abatement of pollution. Major activities of the HSPCB comprise the following:

- Consent management under the Water Act, 1974 & the Air Act, 1981, the Environment Protection Act, 1986 and rules framed there under.
- Online monitoring of ambient air quality in major cities of Haryana.
- Monitoring of water quality of rivers Yamuna, Ghaggar & other water bodies.
- Online monitoring of air emissions and effluent discharge from highly polluting Industries and Common Treatment and Disposal Facilities
- Implementation of Solid Waste Management, Bio Medical, Hazardous, E-waste, C&D & Plastic Waste Management Rules.
- Implementation of Aravali Notification dated 07.05.1992 issued by MoEF&CC, Govt. of India.
- Implementation of Environment Impact Assessment Notification, 2006

HSPCB was also entrusted with additional responsibility of implementing the Water (Prevention and Control of Pollution) Cess Act, 1977 with a view of augmenting the resources of the State Pollution Control Boards but the same has now been abolished

with the introduction of Goods and Services Tax Act, 2017. The State Pollution Control Board was also given additional responsibilities under the Air (Prevention and Control of Pollution) Act, 1981 to take appropriate steps for preservation of quality of control of air pollution.

The Board was subsequently given the responsibility of implementing the Environment (Protection) Act, 1986 and Rules and notifications issued there under.

Various Environmental Acts and Rules being implemented by the Board are given as under:

1. The Water (Prevention and Control of Pollution) Act, 1974 and Rules made there under.
2. The Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made there under.
3. The Air (Prevention and Control of Pollution) Act, 1981 and Rules made there under.
4. The Environment (Protection) Act, 1986 and the following Rules and notifications made there under:
  - (i) The Hazardous Wastes (Management and Transboundary Movement) Rules, 2016
  - (ii) The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
  - (iii) The Biomedical Waste (Management) Rules, 2016
  - (iv) The Plastics Waste (Management) Rules, 2016
  - (v) The Solid Waste (Management) Rules, 2016
  - (vi) The E-waste (Management) Rules, 2016
  - (vii) The Noise Pollution (Regulation and Control) Rules, 2000
  - (viii) The Batteries (Management and Handling) Rules, 2001
  - (ix) Environment Impact Assessment Notification 2006

- (x) Notification dated 14.09.1999 issued by MoEF&CC under EPA, 1986 regarding directions for Utilization of Fly Ash generated from coal or ignite based Thermal Power Plants
- (xi) Notification dated 07.05.1992 issued by MoEF&CC under EPA, 1986 restricting certain activities in specified area of Aravalli Range

## **1.2 Vision & Aim of HSPCB**

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- Besides fulfilling the above mandate, the Vision & Aim of the HSPCB is to bring about a gradual and consistent reduction in the levels of pollution (Air & Water) through strict monitoring, inspections, authorizations & legal interventions.
- HSPCB is committed to achieve a reduction in the levels of pollution (Air & Water) through comprehensive plans (National and State level interventions).

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## CHAPTER 2: ABOUT HSPCB

## 2.1 Composition of the Board

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Section 4 of the Water (Prevention and Control of Pollution) Act, 1974 and section 5 of the Air (Prevention and Control of Pollution) Act, 1981, gives power to the State Government to constitute State Pollution Control Board in their respective state. As per said provisions of the Act, the Board comprises of a Chairman, a Member Secretary and fifteen other members nominated by the State Government. The members of the Board include the representative of government, local authorities and state - controlled corporations and also persons representing the interest of agriculture, fisheries, industry or trade.

### Chairman of the Board during the year 2020-21:

- 
- **Sh. Ashok Kheterpal**
  - (14.12.2017 to 13.12.2020)

- 
- **Smt. Deepti Umashankar**  
**(Additional Charge)**
  - (24.12.2020 onwards)

## 2.2 Members of the Board

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- ❖ Chairman, Haryana State Pollution Control Board,  
C-11, Sector-6, Panchkula
- ❖ Director, Environment Department, Haryana  
SCO 1-2-3, Sector 17-D, 2nd Floor, Chandigarh
- ❖ Director General, Urban Local Bodies Department, Haryana  
SCO No. 11-14, Sector 4, Panchkula
- ❖ Principal Chief Conservator of Forest, Forest Department, Haryana  
C-18, Sector-6, Panchkula
- ❖ Engineer-in-Chief, Public Health Engineering Department,  
Bays no. 13-18, Sector 4, Panchkula
- ❖ Transport Commissioner, Haryana  
30-Bays Building, Chandigarh
- ❖ Director Technical, Haryana Power Generation Corporation Limited,  
C-7, Sector-6, Panchkula
- ❖ Chief Engineer or any other technical officer equivalent of the rank of Chief  
Engineer of Haryana State Industrial & Infrastructure Development Corporation  
C-12&13, Sector-6, Panchkula
- ❖ Smt. RenuBala Gupta, Mayor,  
Mayor, Municipal Corporation, Karnal, #39-40, Chaudhary House Colony, Karnal
- ❖ Sh. Sanjay Kumar, Chairman  
Municipal Council, CharkhiDadri, Ward No. 7, Railway Road, CharkhiDadri
- ❖ Sh. GurdayalSunheri, Chairman,  
ZilaParishad, Kurukshetra, VPO DunheriKhalsa, Kurukshetra
- ❖ Sh. KalyanChauhan, Chairman,  
ZilaParishad, Gurugram, VPO Wazirpur, Gurugram

- ❖ Sh. Pushpinder Kumar, MC, Ward No. 8, Municipal Corporation, Ambala #706, Durga Nagar, Ambala City
- ❖ Sh. SatishSinghal,  
Singhal Industrial Screws Pvt. Ltd., Link Road, Faridabad Old
- ❖ Sh. Dinesh Arora,  
Plot No. 55-56, Industrial Estate, Phase-I, Panchkula
- ❖ Prof. Narsi R. Bishnoi, Department of Environmental Science &Engineering,  
Guru Jambeshwar University of Science & Technology, Hisar
- ❖ Sh. Jagdeep Singh, IAS, Special Secretary Finance,  
Finance Department Haryana
- ❖ Member Secretary, Haryana State Pollution Control Board  
C-11, Sector-6, Panchkula

### **2.3 Details of Board Meetings held:**

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<b>Sr. no.</b>	<b>Board's Meeting</b>	<b>Held on</b>
1	188 <sup>th</sup>	12.05.2020
2	189 <sup>th</sup>	14.08.2020

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## 2.4 Staff Strength of HSPCB

Sr. No.	Name of the Post	Sanctioned Strength	Filled up	Vacant	Remarks
<b>Group A</b>					
1	Chairman	01	01	-	
2	Member Secretary	01	01	-	
3	Sr. Environmental Engineer	06	06	00	
4	Sr. Scientist	09	02	07	
5	Environmental Engineer	33	17	16	
6	Scientist 'C'	10	00	10	Requisition of 3 posts sent to ACS (Env.) are requested Government to withdrawal the same
7	District Attorney	01	01	-	On deputation from Administration of Justice Department, government of Haryana.
8	Development Team Leader	01	-	01	
<b>Group B</b>					
1	Sr. Accounts Officer	01	01	-	On deputation from Finance & I Department, Government of Haryana
2	Accounts Officer	01	-	01	on deputation from Administration of Justice Department, government of Haryana
3	Administrative Officer	01	01		
4	Law Officer	01	-	01	on deputation from Administration of Justice Department, government of Haryana
5	Asstt. Distt. Attorney	03	03	-	on deputation from Administration of Justice

Sr. No.	Name of the Post	Sanctioned Strength	Filled up	Vacant	Remarks
					Department, government of Haryana
6	Scientist 'B'	40	11	29	Requisition of 5+11 posts Sent to ACS (ENV.)
7	Asstt. Environmental Engineer	92	31	61	
8	Software Developer	01	-	01	
9	Tehsildar	01	-	01	
10	Superintendent	04	03	01	
11	Private Secretary	02	00	02	
<b>Group C</b>					
1	Section Officer (Accounts)	01	01	0	On deputation from Treasury & - Accounts Department, Government of Haryana Requisition
2	Jr. Software Developer	01	-	01	
3	Deputy Superintendent	04	03	01	
4	Statistical Assistant	01	-	01	Requisition of one post sent to HSSC
5	Sr. Scientific Assistant	07	-	07	Requisition of Two post sent to HSSC
6	Jr. Scientific Assistant	10	-	10	Requisition of Ten post sent to HSSC
7	Personal Assistant	01	01	-	
8	Jr. Environmental Engineer	25	01	24	
9	Sr. Scale Stenographer	04	-	04	
10	Assistant	46	11	35	
11	Accountant	04	-	04	Requisition of one post

Sr. No.	Name of the Post	Sanctioned Strength	Filled up	Vacant	Remarks
					sent to HSSC
13	Junior Scale Stenographer	03	-	03	Requisition of one post sent to HSSC
14	Accounts Clerk	02	-	02	
15	Steno-Typist	08	01	07	Requisition of Five post sent to HSSC
16	Clerk	46	10	36	Requisition of Twenty Eight post sent to HSSC
17	Driver	17	09	08	Requisition of Seven post sent to HSSC
18	Lab Attendant	10	03	07	Requisition of Two post sent to HSSC
<b>Group D</b>					
1	Daftri	01	01	01	
2	Senior Peon	02	00	02	
3	Peon	30	22	08	
4	Mali-cum- Chowkidar	02	02	Diminishing cadre	
5	Field Attendant	10	07	03	
6	Sweeper	01	01	Diminishing cadre	
<b>Total</b>		<b>450</b>	<b>150</b>	<b>300</b>	

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## **CHAPTER 3: ACTIVITIES & INFRASTRUCTURE**

### **3.1 Mandated activities of the Board**

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Section 17 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 17 of the Air (Prevention and Control of Pollution) Act, 1981 have clearly prescribed the legally mandated responsibilities of the State Pollution Control Boards which are summarized as below :-

- To plan comprehensive programmes for the prevention, control or abatement of water and air pollution in the state and to secure the execution thereof;
- To advise the State Government on any matter concerning the prevention, control or abatement of water and air pollution;
- To collect and disseminate information relating to water and air pollution, and the prevention, control or abatement thereof;
- To encourage, conduct and participate in investigations and research relating to problems of water pollution and prevention, control or abatement of water pollution;
- To collaborate with the Central Board in organizing the training of persons engaged or to be engaged in programs relating to prevention, control or abatement of water and air pollution and to organize mass education programs relating thereto;
- To inspect sewage or trade effluent treatment works and plants installed for the treatment of sewage and trade effluents and to review plans, specifications or other data relating to plants set up for the treatment of water, works for the purification thereof and the system for the disposal of sewage or trade effluents or in connection with the grant of any consent as required by the Water Act & Air Act, or in connection with the grant of any Authorization or registration as required by the Environment (Protection) Act, 1986 and Rules made there under;
- To inspect, at all reasonable times, any control equipment, industrial plant or manufacturing process and to give, by order, such directions, to such persons as it may consider necessary to take steps for the prevention, control or abatement of air pollution;

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- To inspect air pollution control area at such intervals as it may think necessary, assess the quality of air there in and take steps for the prevention, control or abatement of air pollution in such areas;
- To lay down, modify or annual effluent standards for sewage and trade effluents and for the quality of receiving waters (not being water in an inter-state stream) resulting from discharge of effluents and to classify waters of the state;
- To lay down, in consultation with the Central Board and having regard to the standards for the quality of air laid down by the Central Board, standards for emission of air pollutants in the atmosphere from industrial plant and automobiles or for the discharge of any air pollutant into the atmosphere from any other source whatsoever not being a ship or an aircraft;
- To evolve economical and reliable methods of treatment of sewage and trade effluents having regard to the peculiar conditions of soils, climate and water resources of different regions and more specifically the prevailing flow characteristics of water in streams and wells which render it impossible to attain even the minimum degree of dilution;
- To evolve methods of utilization of sewage and suitable trade effluents in agriculture or other utilities;
- To evolve efficient methods of disposal of sewage and trade effluent on land, as are necessary on account of the predominant conditions of scant stream flows that do not provide for major part of the year the minimum degree of dilution;
- To lay down standards of treatment of sewage and trade effluents to be discharged in any particular stream by taking into account the minimum fair weather dilution available in that stream and the tolerance limits of pollution permissible in the water of the stream, after the discharge of such effluents;
- To make, vary or revoke any order for prevention, control or abatement of discharge of waste into streams or wells and requiring any person concerned to construct new

systems for the disposal of sewage and trade effluents or to modify, alter or extend any such existing system or to adopt such remedial measures as are necessary to prevent control or abate water pollution;

- To lay down effluent standards to be complied with by persons while causing discharge of sewage or sullage or both, and to lay down, modify or annual effluent standards for the sewage and trade effluent;
- To advice the State Government with respect to the suitability of the any premises or location of any industry, which is likely to cause air pollution or likely to pollute a stream or well;
- To perform such other functions as may be prescribed or as may, from time to time, be entrusted to it by the Central Board or the State Government; and
- To do such other things and to perform such other acts as it may think necessary for the proper discharge of its functions and generally for the purpose of carrying into effect the purpose of the Air Act.

Although the Board's primary responsibility is to implement the environmental regulations within the state of Haryana; but during the last decade, there has been a paradigm shift in the concept of implementing Environmental Regulations with a judicious mix of command and control regime with economic instruments for controlling pollution, as also, solving various long standing environmental issues through consensus where the Board went beyond its mandated activities and acted as a promoter, providing assistance for controlling pollution in Government Department's projects.

### 3.2 Infrastructure of the Board

The Board is headed by a Chairman with its head quarters at Panchkula. There are 18 Regional offices of the Board in the State, located at Ambala, Ballabgarh, Bhiwani, Bahadurgarh, Dharuhera, Faridabad, Gurugram South at Manesar, Gurugram North at Gurugram, Hisar, Karnal, Kaithal, Kurukshetra, Nuh, Panipat, Panchkula, Palwal, Sonapat and Yamuna Nagar.

#### Details of Regional Offices, Sub-Regions and area under their jurisdiction

Name of Region	Name of Sub-Region	Area of Jurisdiction
Panchkula	Panchkula Urban	All sectors of HSVP including saketri and colonies adjoining the HSVP sectors and industrial Area Phase 1 and Phase 2.
	Panchkula Outer	All area of Panchkula district except those mentioned at serial no.1
Bhiwani	Sub Region-1	(left side of Rohtak to Loharu Road via Charkhi Dadri)
	Sub-Region-2	(Right Side of Rohtak to Loharu Road via Charkhi Dadri)
	Sub Region-1 Sub Region-2	Tosham (Bhiwani district except Tosham)
Kaithal	Katihai City, Guhla Kalyat Pundri & Rajound	Kaithal City Guhla, Kalayat Pundri & Rajound
	Jind City & Julana, Narwana, Uchana, Saidon	Jind City & Julana, Narwana, Uchana, Safidon
Ballabgarh	Sector -24 & NIT, Faridabad Ballabgarh Sector-25 & Sector -6, Faridabad	Sector -24 & NIT, Faridabad Ballabgarh Sector-25 & Sector -6, Faridabad
Palwal	Sub Region-1	(left side of Faridabad Border to Mathura Road (NH-2)
	Sub Region-2	(Right side of Faridabad Border to Mathura Road (NH-2)
	Sub Region-3 Sub Region-4	(Nah and Tauru) (Fhirojpur Jhirka and Punhana)
Ambala	Sub Region-1	Amabala City

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Name of Region	Name of Sub-Region	Area of Jurisdiction
	Sub Region-2 Sub Region-3 Sub Region-4	Amabala Cantt. Nariangarh Barara
Karnal	Sub Region-1 Sub Region-2 Sub Region-3 Sub Region-4	Tehsil Karnal Tehsil Gharaunda Tehsil Assandh, Nissing & Nilokheri Tehsil Taraori & Indri
Kurukshtra	Sub Region-1 Sub Region-2 Sub Region-3 Sub Region-4	Pehowa Thanesar Shahabad Ladwa
Gurugram (North)	Udyog Vihar Old Gurugram New Gurugram	Udyog Vihar Old Gurugram New Gurugram
Yamunanagar	Sub Region-1 Sub Region-2 Sub Region-3 Sub Region-4	(Tehsil Radur and Yamaunagar City) (Jagadhari City and Saraswati Nagar) (Tehsil Chhachhrauli and Sub Tehsil Khizrabad) (Tehsil Bilaspur and Block sadhaura)
Faridabad	1. NIT 2. Sector-27, Faridabad 3. DLF, Phase-1, Faridabad 4. DLF, Phase-II, Faridabad	1. NIT 2. Sector-27, Faridabad 3. DLF, Phase-1, Faridabad 4. DLF, Phase-II, Faridabad
Bahadurgarh	1. Bahadurgarh 2. Jhajjar 3. Sampla 4. Sector-37, Gurugram	1. Bahadurgarh 2. Jhajjar 3. Sampla 4. Sector-37, Gurugram

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Gurugram (South)	1. IMT Manesar-A 2. IMT Manesar-B 3. Beharampur 4. Sector-37, Gururam	1. IMT Manesar-A 2. IMT Manesar-B 3. Beharampur 4. Sector-37, Gururam
Sonipat	1. Barhi, 2. Kundli, 3. Rai, 4. Sonipat	1. Barhi, 2. Kundli, 3. Rai, 4. Sonipat
Panipat	Sector-29, Panipat Model Town Panipat Samalkha	Sector-29, Panipat Model Town Panipat Samalkha
Hisar	Hisar Fatehabad Sirsa	Hisar Fatehabad Sirsa
Dharuhera	Sub Region-1 Sub Region-2 Sub Region-3	Rewari & Dharuhera Bawal Mohindergarh

The Board has established four laboratories at Panchkula, Gurugram, Faridabad and Hisar for carrying out the work for analysis of different types of samples of effluent/ water and air emissions of various industries/projects as well as water bodies and ambient air quality.



#### 4.1 Action against Defaulting Units

##### Closure Action

The Board is taking closure action under section 33-A of The Water (Prevention & Control of Pollution) Act, 1974, under section 31-A of The Air (Prevention & Control of Pollution) Act, 1981 & under section 5 of Environment (Protection) Act, 1986 against units which are not meeting the standards prescribed under EPA Rules, 1986 for the discharge of pollutants or fail to obtain consent from the Board under the Water Act, 1974/Air Act, 1981 or fail to comply with the directions issued by the Board or Government, as the case may be, from time to time, under different environmental Acts.

The details of Closure Orders issued against the defaulting units due to non-compliance under the above said Acts is given as under:-

Region	No. of units issued closure order under EP Act, 1986	No. of units issued closure order under Water Act, 1974	No. of units issued closure order under Air Act, 1981	No. of units issued closure order jointly under Water & Air Acts	Total No. units issued closure order
Ambala	5	2	0	3	10
Bahadurgarh	2	0	11	42	55
Ballabgarh	0	9	4	6	19
Bhiwani	10	1	15	5	31
Dharuhera	0	0	13	4	17
Faridabad	0	0	0	12	12
Gurugram (N)	3	0	0	1	4
Gurugram (S)	0	42	0	0	42
Hisar	0	0	1	1	2
Kaithal	1	6	7	14	28
Karnal	4	0	1	15	20
Kurukshetra	0	0	0	9	9
Nuh	0	8	0	0	8
Palwal	0	1	17	0	18
Panchkula	1	0	13	23	37

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Panipat	0	4	5	98	107
Sonepat	0	0	4	16	20
Yamuna Nagar	1	1	1	26	29
<b>Total</b>	<b>27</b>	<b>74</b>	<b>92</b>	<b>275</b>	<b>468</b>

**Legal Action**

The Board is taking legal action under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 against industrial units/projects violating the above said Acts/Rules, by filing court cases in Special Environment Courts.

**i. Detail of Prosecution Cases in Special Environment Court****Under EP Act**

Region	No. of prosecution pending on 31.03.2021	No. of prosecution filed during 2020-21 under EP	No. of prosecution		No. of pending prosecution as on 31.03.2021	Reason for decision against Board				
			In favor of Board	Against Board		Dismissed in default	Consigned to record	Expiry of accused	Wrong address /accused	Any other (Specify Details)
Ambala	1	2	0	0	3	0	0	0	0	0
Bahadurgarh	0	0	0	0	0	0	0	0	0	0
Ballabgarh	0	0	0	0	0	0	0	0	0	0
Bhiwani	1	3	0	0	4	0	0	0	0	0
Dharuhera	2	1	0	0	3	0	0	0	0	0
Faridabad	6	1	0	0	7	0	0	0	0	0
Gurugram (N)	89	3	0	0	92	0	0	0	0	0
Gurugram (S)	117	1	0	2	116	2	0	0	0	0
Hisar	0	0	0	0	0	0	0	0	0	0
Kaithal	0	0	0	0	0	0	0	0	0	0
Karnal	2	0	0	0	2	0	0	0	0	0
Kurukshetra	0	1	0	0	1	0	0	0	0	0
Nuh	0	0	0	0	0	0	0	0	0	0
Palwal	0	0	0	0	0	0	0	0	0	0
Panchkula	1	0	0	0	1	0	0	0	0	0
Panipat	0	0	0	0	0	0	0	0	0	0
Sonepat	6	0	0	0	6	0	0	0	0	0
Yamuna Nagar	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>225</b>	<b>12</b>	<b>0</b>	<b>2</b>	<b>235</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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## Under the Water Act

Region	No. of prosecution pending on 30.03.2019 under Water Act	No. of prosecution filed during 2020-21 under Water Act	No. of prosecution decided		No. of pending prosecution as on 31.03.2020	Reason for decision against Board				
			In favor of Board	Against Board		Dismissed in default	Consigned to record	Expiry of accused	Wrong address /accused	Any other(Specify Details)
Ambala	36	2	0	0	38	0	0	0	0	0
Bahadurgarh	5	0	0	0	5	0	0	0	0	0
Ballabgarh	0	10	0	0	10	0	0	0	0	0
Bhiwani	0	0	0	0	0	0	0	0	0	0
Dharuhera	6	0	0	0	6	0	0	0	0	0
Faridabad	36	0	0	0	36	0	0	0	0	0
Gurugram (N)	6	4	0	0	10	0	0	0	0	0
Gurugram (S)	2	1	0	0	3	0	0	0	0	0
Hisar	0	0	0	0	0	0	0	0	0	0
Kaithal	0	0	0	0	0	0	0	0	0	0
Karnal	1	2	0	0	3	0	0	0	0	0
Kurukshetra	0	0	0	0	0	0	0	0	0	0
Nuh	1	0	0	0	1	0	0	0	0	0
Palwal	4	0	0	0	4	0	0	0	0	0
Panchkula	16	2	0	0	18	0	0	0	0	0
Panipat	17	1	0	0	18	0	0	0	0	0
Sonepat	4	0	0	0	4	0	0	0	0	0
Yamuna Nagar	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>134</b>	<b>22</b>	<b>0</b>	<b>0</b>	<b>156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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## Under the Air Act

Region	No. of prosecution pending on 30.03.2019 under Air Act	No. of prosecution filed during 2020-21 under Air Act	No. of prosecution decided		No. of pending prosecution as on 31.03.2020	Reason for decision against Board				
			In favor of Board	Against Board		Dismissed in default	Consigned to record	Expiry of accused	Wrong address /accused	Any other(Specify Details)
Ambala	0	0	0	0	0	0	0	0	0	0
Bahadurgarh	4	0	0	0	4	0	0	0	0	0
Ballabgarh	0	1	0	0	1	0	0	0	0	0
Bhiwani	14	27	0	0	41	0	0	0	0	0
Dharuhera	5	2	0	0	7	0	0	0	0	0
Faridabad	3	2	0	0	5	0	0	0	0	0
Gurugram (N)	2	0	0	0	2	0	0	0	0	0
Gurugram (S)	1	0	0	0	1	0	0	0	0	0
Hisar	0	0	0	0	0	0	0	0	0	0
Kaithal	0	0	0	0	0	0	0	0	0	0
Karnal	0	3	0	0	3	0	0	0	0	0
Kurukshetra	0	0	0	0	0	0	0	0	0	0
Nuh	1	0	0	0	1	0	0	0	0	0
Palwal	0	0	0	0	0	0	0	0	0	0
Panchkula	1	0	0	0	1	0	0	0	0	0
Panipat	3	1	0	0	4	0	0	0	0	0
Sonepat	1	0	0	0	1	0	0	0	0	0
Yamuna Nagar	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>35</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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## Under the Water &amp; Air Act

Region	No. of prosecution pending on 30.03.2019 under Water & Air Act	No. of prosecution filed during 2020-21 under Water & Air Act	No. of prosecution decided		No. of pending prosecution as on 31.03.2020	Reason for decision against Board				
			In favor of Board	Against Board		Dismissed in default	Consigned to record	Expiry of accused	Wrong address /accused	Any other (Specify Details)
Ambala	4	2	0	0	6	0	0	0	0	0
Bahadurgarh	2	0	0	0	2	0	0	0	0	0
Ballabgarh	0	1	0	0	1	0	0	0	0	0
Bhiwani	7	34	0	0	41	0	0	0	0	0
Dharuhera	0	0	0	0	0	0	0	0	0	0
Faridabad	0	2	0	0	2	0	0	0	0	0
Gurugram (N)	0	9	0	0	9	0	0	0	0	0
Gurugram (S)	4	2	0	0	6	0	0	0	0	0
Hisar	0	0	0	0	0	0	0	0	0	0
Kaithal	0	0	0	0	0	0	0	0	0	0
Karnal	11	3	0	0	14	0	0	0	0	0
Kurukshetra	5	2	0	0	7	0	0	0	0	0
Nuh	0	0	0	0	0	0	0	0	0	0
Palwal	3	0	0	0	3	0	0	0	0	0
Panchkula	0	0	0	0	0	0	0	0	0	0
Panipat	16	2	0	0	18	0	0	0	0	0
Sonepat	14	8	0	1	21	1	0	0	0	0
Yamuna Nagar	0	5	0	0	5	0	0	0	0	0
<b>Total</b>	<b>66</b>	<b>70</b>	<b>0</b>	<b>1</b>	<b>135</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## ii. Details of Cases in the Hon'ble National Green Tribunal

Region	No. of cases pending on 31.03.2020 where Board is respondent	No. of new cases filed during 2020-21 where Board is respondent	No. cases disposed of during 2020-21	No. cases during 2020-21 wherein directions issued to Board	No. cases during 2020-21 wherein directions complied	No. cases during 2020-21 wherein directions not complied	No. of pending cases as on 31.03.2020
Ambala	0	0	0	0	0	0	0
Bahadurgarh	0	0	0	0	0	0	0
Ballabgarh	3	0	0	0	0	0	3
Bhiwani	0	0	0	0	0	0	0
Dharuhera	4	2	0	0	0	0	6
Faridabad	9	2	6	0	0	0	5
Gurugram (N)	7	3	5	5	5	0	5
Gurugram (S)	4	3	2	0	0	0	5
Hisar	3	1	0	0	0	0	4
Kaithal	1	0	1	1	1	0	0
Karnal	1	0	1	1	1	0	0
Kurukshetra	0	0	0	0	0	0	0
Nuh	1	1	1	0	0	0	1
Palwal	2	1	2	2	2	0	1
Panchkula	1	0	1	1	1	0	0
Panipat	10	1	9	11	11	0	2
Sonepat	5	2	2	0	0	0	5
Yamuna Nagar	0	4	4	0	0	0	0
<b>Total</b>	<b>51</b>	<b>20</b>	<b>34</b>	<b>21</b>	<b>21</b>	<b>0</b>	<b>37</b>

## iii. Details of Cases in the Hon'ble Punjab &amp; Haryana High Court High Court

Region	No. of cases pending on 31.03.2020 in which Board is party	No. of new cases filed against Board during 2020-21	No. of new cases filed by Board during 2020-21	No. of cases decided		No. of pending cases as on 31.03.2020
				In favor of Board	Against Board	
Ambala	0	0	0	0	0	0
Bahadurgarh	3	0	0	0	0	3
Ballabgarh	4	7	0	0	0	11
Bhiwani	0	0	0	0	0	0
Dharuhera	2	7	0	4	0	5
Faridabad	4	4	0	0	0	8
Gurugram	22	2	0	0	0	24
Gurugram (S)	12	1	0	0	0	13
Hisar	0	0	1	0	0	2
Kaithal	5	2	0	1	0	6
Karnal	2	0	0	0	0	2
Kurukshetra	0	0	0	0	0	0
Nuh	1	1	0	0	0	1
Palwal	1	1	0	0	0	1
Panchkula	2	6	0	4	0	4
Panipat	4	1	0	1	0	4
Sonepat	4	6	0	0	0	11
Yamuna Nagar	0	4	0	0	0	4
<b>Total</b>	<b>66</b>	<b>42</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>99</b>

## iv. Details of Cases in the Hon'ble Supreme Court of India, New Delhi

Region	No. of cases pending on 31.03.2020 in which Board is party	No. of new cases filed during 2020-21 in which Board is party	No. of new cases filed by Board during 2020-21	No. of cases decided		No. of pending cases as on 31.03.2020
				In favor of Board	Against Board	
Ambala	0	0	0	0	0	0
Bahadurgarh	0	0	0	0	0	0
Ballabgarh	0	0	0	0	0	0
Bhiwani	0	0	0	0	0	0
Dharuhera	1	1	0	0	0	2
Faridabad	5	1	0	0	0	6
Gurugram (N)	4	0	0	0	0	4
Gurugram (S)	2	0	0	0	0	2
Hisar	0	0	0	0	0	0
Kaithal	0	1	0	0	0	1
Karnal	1	0	0	0	0	1
Kurukshetra	0	0	0	0	0	0
Nuh	0	0	0	0	0	0
Palwal	0	0	0	0	0	0
Panchkula	0	0	0	0	0	0
Panipat	1	0	0	0	0	1
Sonepat	0	3	0	0	0	3
Yamuna Nagar	0	0	0	0	0	0
<b>Total</b>	<b>14</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>

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## **CHAPTER 5: GROSSLY & HIGHLY POLLUTING INDUSTRIES**

## 5.1 Grossly Polluting Industries (GPIs)

Industries discharging effluents into a water course and

(a) handling hazardous substances, or

(b) effluent having BOD load of 100 Kg per day or more, or

(c) a combination of (a) and (b),

have been categorized as grossly polluting units by the Central Pollution Control Board (CPCB). In 1993-94, the CPCB initiated identification of industries along the rivers to control the discharge of untreated effluent into rivers, directly or indirectly.

Directions were issued by the CPCB under Section 18(1) (b) of the Water Act, 1974, to all the State Pollution Control Boards/Pollution Control Committees on July 14, 1997, for inventorization of GPIs to ensure compliance of environmental standards on priority and initiating action against defaulting Grossly Polluting Industries.

The status of Grossly Polluting Industries in Haryana, as per the said criteria, is as below:

Region	No. of the Grossly polluting Industries	Compliance Status		Action taken against non-complying units			
		Complying	Non Complying	Closure	Prosecution	Closure & Prosecution	Under SCN
Ambala	12	10	2	2	0	0	0
Bahadurgarh	74	74	0	0	0	0	0
Ballabgarh	75	71	4	3	0	0	1
Bhiwani	1	1	0	0	0	0	0
Dharuhera	12	12	0	0	0	0	0
Faridabad	23	21	2	0	0	0	2
Gurugram (N)	117	67	50	38	0	0	12
Gurugram (S)	167	160	7	7	0	0	0
Hisar	0	0	0	0	0	0	0
Kaithal	2	2	0	0	0	0	0
Karnal	49	49	0	0	0	0	0

Region	No. of the Grossly polluting Industries	Compliance Status		Action taken against non-complying units			
		Complying	Non Complying	Closure	Prosecution	Closure & Prosecution	Under SCN
Kurukshetra	6	6	0	0	0	0	0
Palwal	8	7	1	1	0	0	0
Nuh	0	0	0	0	0	0	0
Panchkula	3	3	0	0	0	0	0
Panipat	12	11	1	1	0	0	0
Sonipat	116	112	4	0	0	0	4
Yamuna Nagar	0	0	0	0	0	0	0
<b>Total</b>	<b>677</b>	<b>606</b>	<b>71</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>19</b>

## 5.2 Highly Polluting 17 Category Industries

MoEF&CC issued a notification on January 16, 1991 to ensure compliance of environmental standards in highly polluting industries. MoEF&CC formulated 15 point programme for priority action.

The CPCB selected 18 Categories of major polluting industries and after discussion 17 Categories of highly polluting industries were finalized for regular follow up through the CPCB these categories are Aluminium Smelting, Basic Drugs & Pharmaceuticals Manufacturing, Chlor Alkali/ Caustic Soda, Cement, Copper Smelting, Dyes and Dye Intermediate, Distillery, Fertilizer, Integrated Iron & Steel, Leather Processing including Tanneries, Oil Refinery, Pesticide Manufacturing, Pulp & Paper, Petrochemicals, Sugar, Thermal Power Plants and Zinc Smelting.

The status of Highly Polluting 17 Category Industries is as below:-

Region	No. of 17 category highly polluting Industry	Compliance Status Under			Action taken against non-complying units			
		Air Act	Water Act	HWM Rules	Closure	Prosecution	Closure & Prosecution	Under SCN
Ambala	7	7	0	0	0	0	0	0
Bahadurgarh	25	25	0	0	0	0	0	0
Ballabgarh	4	4	4	4	0	0	0	0
Bhiwani	5	5	5	5	0	0	0	0
Dharuhera	1	1	0	0	0	0	0	0
Faridabad	4	2	0	0	0	0	0	2
Gurugram (N)	1	1	0	0	0	0	0	0
Gurugram (S)	2	2	0	0	0	0	0	0
Hisar	3	3	3	3	0	0	0	0
Kaithal	2	2	0	0	0	0	0	0
Karnal	11	11	0	0	0	0	0	0
Kurukshetra	2	2	0	0	0	0	0	0

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Region	No. of 17 category highly polluting Industry	Compliance Status Under			Action taken against non-complying units			
		Air Act	Water Act	HWM Rules	Closure	Prosecution	Closure & Prosecution	Under SCN
Nuh	1	1	0	0	0	0	0	0
Palwal	3	3	0	0	0	0	0	0
Panchkula	5	3	2	1	1	0	0	1
Panipat	9	8	1	1	0	0	0	0
Sonepat	15	13	0	0	0	0	0	2
Yamuna Nagar	4	4	0	0	0	0	0	0
<b>Total</b>	<b>104</b>	<b>97</b>	<b>15</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>

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## CHAPTER 6: AWARENESS PROGRAMMES

## 6.1 Awareness Programmes

Awareness programmes were organized at different places in the state of Haryana for creating awareness on various Environmental issues.

The details of awareness programmes organized is given, Region - wise, as under:-

Regional Office	No. of awareness programmes organized
Ambala	2
Bahadurgarh	5
Ballabgarh	10
Bhiwani	2
Dharuhera	3
Faridabad	10
Gurugram (N)	3
Gurugram (S)	2
Hisar	5
Kaithal	5
Karnal	9
Kurukshetra	2
Nuh	6
Palwal	5
Panchkula	11
Panipat	7
Sonepat	4
Yamuna Nagar	0
<b>Total</b>	<b>91</b>

**CHAPTER 7: WATER& AIR  
POLLUTION CONTROL DEVICES**

## 7.1 ETPs, STPs & CETPs

### Effluent Treatment Plants (ETPs), Sewage Treatment Plants (STPs) & Common Effluent Treatment Plants (CETPs)

All the polluting industrial units/projects generating trade effluent and domestic effluent (more than 10 KLD) are required to install ETPs/STPs before commissioning and thereafter maintain and operate the same regularly and effectively, to ensure compliance of prescribed environmental standards.

#### Detail of new ETPs/STPs installed in industrial units/projects

Region	No. of new ETP/STP installed		
	ETP	STP	Both ETP & STP
Ambala	4	6	0
Bahadurgarh	28	6	0
Ballabgarh	223	29	24
Bhiwani	0	0	0
Dharuhera	0	0	1
Faridabad	163	73	22
Gurugram (N)	4	14	1
Gurugram (S)	12	9	0
Hisar	3	1	1
Kaithal	9	1	10
Karnal	46	1	0
Kurukshetra	3	1	0
Palwal	1	0	1
Nuh	3	0	0
Panchkula	10	1	0
Panipat	43	1	0
Sonepat	36	1	3
Yamuna Nagar	11	0	0
<b>Total</b>	<b>599</b>	<b>144</b>	<b>63</b>

**Detail of Industries/ Projects Modified/Upgraded ETPs/STPs**

Region	No. of Industries Modified ETP	No. of Industries Modified STP	No. of Industries Modified STP & ETP Both
Ambala	2	0	0
Bahadugarh	0	0	0
Ballabgarh	0	0	0
Bhiwani	0	0	0
Faridabad	0	1	0
Gurugram (N)	0	0	0
Gurugram (S)	0	0	0
Hisar	2	0	0
Kaithal	0	0	0
Karnal	4	1	0
Kurukshetra	0	0	0
Palwal	0	0	0
Nuh	0	0	0
Panchkula	23	0	0
Panipat	0	0	0
Sonepat	0	0	0
YMN	0	0	0
<b>Total</b>	<b>31</b>	<b>2</b>	<b>0</b>

**Detail of new STPs installed in various towns**

Region	No. of new STPs installed	No. of towns where new STPs installed	Capacity (MLD)
Ambala	1	1	4
Bahadugarh	0	0	0
Ballabgarh	3	0	0
Bhiwani	0	0	0
Dharuhera	0	0	0
Gurugram (N)	0	0	0
Gurugram (S)	0	0	0
Kaithal	0	0	0
Karnal	3	5	78
Kurukshetra	0	0	0
Palwal	0	0	0
Nuh	0	0	0

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Faridabad	0	0	0
Hisar	0	0	0
Panchkula	8	2	6.5
Panipat	0	0	0
Sonipat	0	0	0
YMN	0	0	0
<b>Total</b>	<b>15</b>	<b>8</b>	<b>88.5 MLD</b>

**Detail of new CETPs installed in industrial clusters/estates**

Region	No. of new CETPs installed	Location	Capacity
Yamuna Nagar	The 03 MLD CETP under construction at Manakpur, Industrial Area, Yamuna Nagar and the work will be completed by 31.03.2022	3 MLD , CETP, HSIIDC, Industrial Area, Phase 2, Yamuna Nagar, Village Manakpur, District Yamuna Nagar	3MLD

## 7.2 Air Pollution Control Devices (APCDs)

All the polluting industrial units/projects having source of air emissions are required to install APCDs before commissioning and thereafter maintain and operate the same regularly and effectively for controlling the particulate matter and gaseous emissions generated from the stacks attached with the source of pollution and fugitive emissions generated from the process to ensure compliance of prescribed environmental standards.

### Detail of Industrial units/projects Installed /Modified APCDs

Region	No. of industries installed new APCM	No. of industries modified APCM
Ambala	7	0
Bahadugarh	0	0
Ballabgarh	18	1
Bhiwani	0	0
Dharuhera	0	0
Gurugram (N)	5	0
Gurugram (S)	0	0
Hisar	2	0
Kamal	12	1
Kaithal	6	0
Kurukshetra	3	0
Palwal	1	0
Nuh	2	0
Sonepat	55	1
Yamuna Nagar	44	0
Faridabad	0	0
Panchkula	0	0

Panipat	30	0
<b>Total</b>	<b>185</b>	<b>3</b>

### 7.3 Online Continuous Effluent & Emission monitoring System (CEMS)

A continuous emission monitoring system (CEMS) is the total equipment necessary for the determination of a gas or particulate matter concentration or emission rate using pollutant analyzer measurements and a conversion equation, graph, or computer program to produce results in units of the applicable emission.

Continuous monitoring of emissions and effluents is done from the discharge points of industrial units. The analysers are installed on stacks/ chimneys and at the outlets of Effluent Treatment Plants/ Sewage Treatment Plants. The analysers continuously generate data at intervals of one second to few minutes.

In order to track release of pollutants through air emissions and effluent discharge from industries with high pollution potential, the Central Pollution Control Board (vide its letter No. B-29016/04/06PCI-1/5401 dated 05.02.2014) issued directions under section 18(1) b of the Water and the Air Act to the State Pollution Control Boards Committees for directing the 17 categories of highly polluting industries (such as Pulp & Paper, Distillery, Sugar, Tanneries, Power Plants, Iron & Steel, Cement, Oil Refineries, Fertilizer, Chloral Alkali Plants, Dye & Dye Intermediate Units, Pesticides, Zinc, Copper, Aluminum, Petrochemicals and Pharma Sector, etc.), Common Effluent Treatment Plants (CETP), Sewage Treatment Plants (STPs), common Bio Medical Waste and Common Hazardous Waste Incinerators; for installation of online effluent quality and emission monitoring systems. Grossly Polluting Industries (GPI) under Ganga Basin and common treatment/ facility units were also directed to install online monitoring devices.

#### **Parameters to be monitored**

(a) For effluent - pH, BOD, COD, TSS, Flow, Chromium, Ammonia cal Nitrogen, Fluoride, Phenol, Cyanide, Temperature, AOx and Arsenic

(b) For emissions PM, Fluoride, NOx, SO2, Cl2, HCl and NH3. The relevant parameters for each category of industries are provided on CPCB website.

**Details of installation of Online Continuous Effluent & Emission monitoring System (OCEMS)**

Region	No. of Industries required to install OCEMS	No. of Industries installed OCEMS	No. of Industries Not installed OCEMS	Action taken against non-complying units				
				Closure	Prosecution	Closure & Prosecution	Closed on its own	Under process (Specify reason)
Ambala	21	21	0	0	0	0	0	0
Bahadurgarh	89	89	0	0	0	0	0	0
Ballabgarh	81	81	0	0	0	0	0	0
Bhiwani	20	20	0	0	0	0	0	0
Dharuhera	34	34	0	0	0	0	0	0
Faridabad	34	34	0	0	0	0	0	0
Gurugram (N)	64	64	0	0	0	0	0	0
Gurugram(S)	164	164	0	0	0	0	0	0
Kaithal	42	42	0	0	0	0	0	0
Kaithal	57	55	2	0	0	0	0	2
Kurukshetra	7	5	2	2	0	0	0	0
Hisar	0	0	0	0	0	0	0	0
Nuh	13	13	0	0	0	0	0	0
Palwal	21	20	1	0	0	0	0	1
Panchkula	12	12	0	0	0	0	0	0
Panipat	150	150	0	0	0	0	0	0
Sonepat	117	114	3	0	0	0	3	0
Yamuna Nagar	15	15	0	0	0	0	0	0
<b>Total</b>	<b>941</b>	<b>933</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>

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**CHAPTER 8: CESS COLLECTION  
UNDER WATER CES ACT, 1977**

### **8.1 Cess Collection under Water (Prevention & Control of Pollution) Cess Act, 1977**

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The Government of India has enacted the Water (Prevention and Control of Pollution) Cess Act, 1977 to provide for the levy and collection of cess on water consumed by industries and local authorities with a view to augmenting the resources of the Central Pollution Control Board and the State Pollution Control Boards. The Water Cess Act, 1977 came into force with effect from 1st April, 1978. The local authorities and industries defined under section 2 and section 3 of the Act were liable to pay the cess at the rates prescribed in the above said Act.

During the year 2020-21, cess amount of ₹12, 51,091/-has been collected, pending before introduction of Goods and Service Tax Act, 2017. The amount of cess collected includes cess arrears also.

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**CHAPTER 9: CONTINUOUS AMBIENT  
AIR QUALITY MONITORING**

## **9.1 General**

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With increase in air pollution levels across the country, revised National Ambient Air Quality standards for twelve parameters were notified in the year 2009 by the MOEF&CC, which include gaseous emissions like sulphur dioxide, nitrogen dioxide, ozone, lead, carbon monoxide, ammonia, benzene, benzo (a), arsenic, nickel and particulate matters of size less than 10 microns and 2.5 micron etc. As per revised norms, residential, rural and industrial areas have the same standards.

The revised ambient air quality standards provide a legal framework for the control of air pollution and protection of public health with a provision for any citizen to approach the court for better air quality. In India, these norms are governed by the Central Pollution Control Board (CPCB) and implemented by the State Pollution Control Boards/ Pollution Control Committees.

Continuous ambient air quality monitoring include installation of Fixed Continuous Ambient Air Quality Monitoring System as per CPCB/SPCB guidelines, comprising of gas and BTX analyzers, dust analyzers, weather monitors and associated auxiliary items including PC based data acquisition systems with suitable Software to link up with the State Pollution Control Boards and Central Pollution Control Board.

## **9.2 Continuous Ambient Air Quality Monitoring Report**

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The Haryana State Pollution Control Board has set up 29 Continuous Ambient Air Quality monitoring stations at most of the District Head Quarters in the State. Continuous data of Ambient Air Quality being monitored at these stations is being displayed at prominent places in these towns and also connected to the main server of the Board and CPCB. This has facilitated generation of Ambient Air Quality data on continuous basis for better management of air quality.

Continuous Ambient Air Quality Monitoring Report has been tabulated for the cities of Manesar, Bhiwani, Bahadurgarh, Palwal, Ballabgarh, Sonapat, Mewat, Dharuhera, Panipat, Yamuna Nagar, Mohindergarh, Kurukshetra, Jind, Fatehabad, Karnal, Ambala, Hisar, Sirsa, Kaithal, Gurgaon, Rohtak, Panchkula and Faridabad. The data has been presented in the form of tables.

The table highlights the monthly average of air pollutants, wherein rows represents the period and the columns represent the unit of measurement of the pollutant. The pollutants highlighted in columns are Particulate Matter (PM<sub>2.5</sub>), Nitrogen di-oxide (NO<sub>2</sub>), Nitrogen Oxide (NO<sub>x</sub>) and Ozone (O<sub>3</sub>), Carbon Monoxide (CO), Nitric Oxide (NO) and Sulphur Dioxide (SO<sub>2</sub>) and Benzene.

## 1. Continuous Ambient Air Quality Monitoring Station at Rohtak

Monitoring Location : MD University, Rohtak - HSPCB							
Monitoring Conducted By: Environnement SA India Pvt. Ltd							
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	43.37	0.43	2.35	16.17	10.00	26.71	8.09
May-20	51.23	1.80	5.37	19.91	13.39	37.99	6.77
Jun-20	46.77	0.87	11.23	20.51	19.70	23.74	8.92
Jul-20	29.58	0.66	14.86	17.94	23.63	25.41	8.04
Aug-20	22.72	0.65	11.58	20.12	19.16	19.83	6.97
Sep-20	31.89	0.55	13.16	30.99	24.93	27.12	7.29
Oct-20	110.37	0.63	14.50	61.74	42.21	51.80	14.06
Nov-20	176.17	0.59	15.27	47.96	33.76	37.70	19.87
Dec-20	161.63	0.53	27.59	96.89	68.59	35.09	12.24
Jan-21	148.86	0.50	17.49	83.55	55.02	22.14	8.16
Feb-21	119.05	0.62	21.87	57.76	47.22	33.52	10.72
Mar-21	81.39	0.36	12.95	58.95	38.38	52.33	6.66
Minimum	22.72	0.36	2.35	16.17	10.00	19.83	6.66
Maximum	176.17	1.80	27.59	96.89	68.59	52.33	19.87
Average	85.25	0.68	14.02	44.37	33.00	32.78	9.82

## 2. Continuous Ambient Air Quality Monitoring Station at Gurugram

Monitoring Location : Vikas Sadan, Gurugram - HSPCB							
Monitoring Conducted By: Environnement SA India Pvt. Ltd							
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	39.03	0.91	6.86	22.37	16.92	79.18	6.13
May-20	47.54	2.32	12.02	49.50	29.98	97.12	8.11
Jun-20	45.23	0.85	5.44	19.59	11.73	84.61	7.15
Jul-20	37.00	0.82	6.97	10.48	8.68	55.23	6.99
Aug-20	33.41	0.36	2.73	3.78	1.98	25.57	4.77
Sep-20	61.12	0.87	2.77	2.90	2.50	40.78	5.93
Oct-20	130.75	1.41	6.50	7.70	9.23	57.74	3.85
Nov-20	180.83	1.61	32.37	34.11	42.58	39.44	12.87
Dec-20	168.08	1.70	10.82	11.35	13.08	30.72	9.09
Jan-21	150.22	1.63	43.68	41.55	54.95	20.18	10.86
Feb-21	130.77	1.74	62.65	59.73	81.39	22.38	10.69
Mar-21	91.56	0.77	20.75	35.47	35.16	47.60	16.96
Minimum	33.41	0.36	2.73	2.90	1.98	20.18	3.85
Maximum	180.83	2.32	62.65	59.73	81.39	97.12	16.96
Average	92.96	1.25	17.80	24.88	25.68	50.05	8.62

## 3. Continuous Ambient Air Quality Monitoring Station at Bahadurgah

Monitoring Location : Arya Nagar, Bahadurgarh - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	1.88	18.85	4.56	17.11	11.98	0.51	51.54	45.28	88.09
May-20	3.46	17.96	8.44	19.99	6.76	0.81	42.48	45.77	101.63
Jun-20	5.35	33.16	15.87	36.39	7.24	0.77	27.50	47.94	100.65
Jul-20	3.97	16.76	6.73	16.66	3.51	0.73	17.88	28.71	58.37
Aug-20	7.63	28.92	13.66	35.56	3.05	0.52	24.03	26.56	42.00
Sep-20	9.85	27.81	14.85	60.54	3.39	0.55	29.19	54.00	101.70
Oct-20	20.91	49.88	35.81	35.92	14.14	1.13	47.90	128.13	218.90
Nov-20	21.07	54.76	38.23	14.58	11.31	1.83	30.58	193.84	251.75
Dec-20	19.23	86.21	32.23	18.85	9.34	2.64	17.96	139.68	198.06
Jan-21	13.32	48.48	16.17	45.49	6.54	1.84	9.53	131.70	176.98
Feb-21	20.25	35.08	16.94	56.23	24.57	1.40	13.85	122.11	204.94
Mar-21	8.33	25.02	10.10	64.86	24.71	1.22	23.32	93.13	199.73
Minimum	1.88	16.76	4.56	14.58	3.05	0.51	9.53	26.56	42.00
Maximum	21.07	86.21	38.23	64.86	24.71	2.64	51.54	193.84	251.75
Average	11.27	36.91	17.80	35.18	10.55	1.16	27.98	88.07	145.23

## 4. Continuous Ambient Air Quality Monitoring Station at Ballabgarh

Monitoring Location : Nathu Colony, Ballabgarh - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	5.23	16.79	13.90	19.77	6.42	1.08	13.05	49.64	69.55
May-20	5.08	5.73	10.92	8.14	10.12	1.21	10.20	47.07	96.87
Jun-20	5.12	4.42	9.85	6.89	3.98	4.33	51.48	62.63	109.49
Jul-20	7.29	11.12	17.47	10.28	8.46	4.81	93.79	62.83	146.02
Aug-20	7.51	9.30	15.41	7.34	4.13	0.95	68.46	47.52	111.99
Sep-20	9.97	5.16	12.99	3.92	5.48	1.30	28.22	64.67	123.72
Oct-20	19.48	13.58	29.03	12.44	33.94	1.72	25.16	128.55	242.06
Nov-20	10.40	25.38	34.70	18.09	20.74	1.95	11.81	120.70	256.19
Dec-20	42.10	46.86	80.62	39.92	14.77	2.32	5.84	98.55	230.64
Jan-21	59.90	50.78	96.76	33.87	4.48	1.57	7.19	94.30	185.58

<b>Feb-21</b>	52.90	60.52	102.99	38.38	10.11	2.23	9.57	104.51	193.27
<b>Mar-21</b>	25.03	45.74	68.23	25.71	10.52	2.37	15.31	81.12	154.93
<b>Minimum</b>	<b>5.08</b>	<b>4.42</b>	<b>9.85</b>	<b>3.92</b>	<b>3.98</b>	<b>0.95</b>	<b>5.84</b>	<b>47.07</b>	<b>69.55</b>
<b>Maximum</b>	<b>59.90</b>	<b>60.52</b>	<b>102.99</b>	<b>39.92</b>	<b>33.94</b>	<b>4.81</b>	<b>93.79</b>	<b>128.55</b>	<b>256.19</b>
<b>Average</b>	<b>20.83</b>	<b>24.62</b>	<b>41.07</b>	<b>18.73</b>	<b>11.10</b>	<b>2.15</b>	<b>28.34</b>	<b>80.17</b>	<b>160.03</b>

### 5. Continuous Ambient Air Quality Monitoring Station at Bhiwani.

Monitoring Location : H.B. Colony, Bhiwani - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
<b>Apr-20</b>	1.39	16.2	9.57	19.59	23.56	0.39	61.91	26.28	85.9
<b>May-20</b>	1.44	16.27	9.68	24.31	13.58	0.51	68.59	24.98	137.78
<b>Jun-20</b>	4.01	16.51	9.33	16.93	9.2	0.53	45.32	27.63	125.14
<b>Jul-20</b>	2.43	18.49	9.57	12.39	21.15	0.48	41.93	23.35	75.45
<b>Aug-20</b>	1.83	14.42	10.85	24.68	8.9	0.41	50.34	17.39	37.84
<b>Sep-20</b>	1.52	8.89	14.93	30.74	5.38	0.51	82.86	21.18	76.86
<b>Oct-20</b>	2.46	17.96	13.34	36.59	7.43	0.81	124.19	38.96	173.97
<b>Nov-20</b>	3.06	43.96	24.84	74.25	9.94	1.01	124.07	56.24	248.45
<b>Dec-20</b>	1.67	26.08	16.77	78.6	12.46	0.86	93.26	42.47	188.99
<b>Jan-21</b>	2.00	27.07	15.73	119.04	13.50	0.87	72.19	39.11	143.93
<b>Feb-21</b>	4.46	22.83	15.34	247.50	10.87	0.88	88.96	31.25	155.11
<b>Mar-21</b>	2.30	10.18	6.98	46.61	15.53	0.59	96.38	24.16	158.88
<b>Minimum</b>	<b>1.39</b>	<b>8.89</b>	<b>6.98</b>	<b>12.39</b>	<b>5.38</b>	<b>0.39</b>	<b>41.93</b>	<b>17.39</b>	<b>37.84</b>
<b>Maximum</b>	<b>4.46</b>	<b>43.96</b>	<b>24.84</b>	<b>247.50</b>	<b>23.56</b>	<b>1.01</b>	<b>124.19</b>	<b>56.24</b>	<b>248.45</b>
<b>Average</b>	<b>2.38</b>	<b>19.91</b>	<b>13.08</b>	<b>60.94</b>	<b>12.63</b>	<b>0.65</b>	<b>79.17</b>	<b>31.08</b>	<b>134.03</b>

### 6. Continuous Ambient Air Quality Monitoring Station at Dharuhera.

Monitoring Location : Municipal Corporation Office, Dharuhera - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
<b>Apr-20</b>	2.14	9.42	8.67	25.25	15.11	0.94	54.24	39.07	54.70
<b>May-20</b>	2.16	22.23	15.63	30.71	15.12	0.86	61.67	34.84	48.83
<b>Jun-20</b>	3.21	26.56	17.32	32.71	12.07	1.73	40.08	40.01	63.96
<b>Jul-20</b>	2.33	19.90	12.71	27.67	11.68	1.03	24.19	30.58	53.37
<b>Aug-20</b>	3.47	21.77	15.18	29.11	13.72	0.85	19.23	21.60	40.58
<b>Sep-20</b>	6.49	33.75	21.57	22.94	9.85	1.19	25.83	55.10	111.84
<b>Oct-20</b>	15.06	67.13	46.96	22.28	19.20	2.49	36.22	129.11	327.42

Nov-20	21.35	67.02	52.05	31.04	14.65	1.79	34.73	176.64	386.50
Dec-20	28.43	65.41	57.03	37.91	6.31	1.88	21.78	185.52	344.52
Jan-21	24.26	46.41	43.44	46.98	8.10	2.62	17.18	116.41	275.25
Feb-21	20.37	49.11	41.92	52.87	17.22	1.95	23.53	92.18	285.97
Mar-21	14.02	43.53	33.86	45.35	21.58	0.92	28.08	81.10	268.76
Minimum	2.14	9.42	8.67	22.28	6.31	0.85	17.18	21.60	40.58
Maximum	28.43	67.13	57.03	52.87	21.58	2.62	61.67	185.52	386.50
Average	11.94	39.35	30.53	33.74	13.72	1.52	32.23	83.51	188.47

### 7. Continuous Ambient Air Quality Monitoring Station at Jind.

Monitoring Location : Police Lines, Jind - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	3.31	14.37	8.72	23.99	25.89	0.52	54.80	43.45	97.53
May-20	3.39	24.72	14.05	29.65	50.57	0.96	77.05	48.50	140.16
Jun-20	3.32	20.21	11.58	34.44	46.06	0.79	66.60	45.26	108.02
Jul-20	3.27	14.56	8.60	52.56	26.25	0.75	53.78	37.78	68.64
Aug-20	3.52	9.41	5.42	54.01	23.61	1.03	14.05	25.04	39.00
Sep-20	3.82	14.16	8.13	49.70	25.63	1.40	14.95	51.79	100.27
Oct-20	4.18	30.50	17.67	76.95	59.88	0.81	26.67	144.45	236.67
Nov-20	7.41	48.62	29.76	75.29	58.26	1.28	34.19	213.32	289.99
Dec-20	6.14	42.38	25.44	91.99	37.58	1.30	20.58	148.71	200.56
Jan-21	5.61	34.25	20.75	71.77	15.02	1.49	14.54	113.34	147.03
Feb-21	5.62	34.54	20.91	89.94	16.12	1.34	17.16	96.21	143.68
Mar-21	5.76	31.52	19.48	61.31	25.29	1.34	36.05	74.03	150.98
Minimum	3.27	9.41	5.42	23.99	15.02	0.52	14.05	25.04	39.00
Maximum	7.41	48.62	29.76	91.99	59.88	1.49	77.05	213.32	289.99
Average	4.61	26.60	15.88	59.30	34.18	1.08	35.87	86.82	143.54

### 8. Continuous Ambient Air Quality Monitoring Station at Karnal.

Monitoring Location : Sector-12, Karnal - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	2.20	9.40	6.67	23.95	33.14	0.31	32.42	44.04	71.57
May-20	2.64	12.47	8.61	24.81	39.44	0.43	42.86	57.60	92.77
Jun-20	3.48	17.13	11.56	22.41	53.54	0.39	37.65	44.20	80.93
Jul-20	3.16	12.61	9.04	24.66	45.16	0.42	31.14	47.66	78.37

Aug-20	5.56	9.04	9.57	24.20	21.99	0.36	13.81	20.82	37.38
Sep-20	3.75	6.33	9.25	9.75	9.63	0.42	20.61	42.65	74.01
Oct-20	10.31	17.91	44.50	26.05	25.42	0.94	28.49	101.71	174.88
Nov-20	50.02	53.50	123.95	138.49	62.53	2.30	56.24	202.33	390.41
Dec-20	7.83	27.13	22.57	80.52	15.69	0.79	14.09	89.92	151.03
Jan-21	10.65	41.04	29.85	76.16	15.21	0.85	7.51	80.62	117.80
Feb-21	4.72	28.66	18.70	25.51	18.43	0.77	13.76	74.07	116.63
Mar-21	7.49	16.76	14.91	27.81	27.58	0.70	18.12	65.14	140.96
Minimum	2.20	6.33	6.67	9.75	9.63	0.31	7.51	20.82	37.38
Maximum	50.02	53.50	123.95	138.49	62.53	2.30	56.24	202.33	390.41
Average	9.32	21.00	25.76	42.03	30.65	0.72	26.39	72.56	127.23

### 9. Continuous Ambient Air Quality Monitoring Station at Mewat.

Monitoring Location : General Hospital, Mandikhera ( Mewat) – HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	16.71	22.97	21.37	11.35	15.62	0.42	45.10	35.71	93.63
May-20	10.17	21.20	20.80	*	16.11	0.18	55.99	45.97	100.38
Jun-20	6.58	11.26	12.19	*	13.39	0.14	35.17	32.96	71.41
Jul-20	4.96	3.95	6.02	22.96	12.49	0.64	32.35	22.63	48.32
Aug-20	19.17	131.09	86.81	266.27	16.19	0.94	94.19	68.75	102.71
Sep-20	5.11	8.07	5.74	21.33	13.84	0.83	18.20	28.14	65.38
Oct-20	5.54	14.17	11.70	28.99	18.17	1.18	7.41	83.58	146.15
Nov-20	14.22	29.97	29.08	111.27	20.15	1.64	4.11	102.93	164.18
Dec-20	16.02	51.34	39.68	155.96	18.74	1.88	3.00	76.54	129.29
Jan-21	9.88	52.04	34.86	146.81	15.23	1.30	3.07	73.75	112.36
Feb-21	10.45	41.00	31.31	103.93	21.14	0.94	3.06	64.98	103.65
Mar-21	11.64	22.11	16.46	49.90	17.07	1.02	3.02	62.00	103.51
Minimum	4.96	3.95	5.74	11.35	12.49	0.14	3.00	22.63	48.32
Maximum	19.17	131.09	86.81	266.27	21.14	1.88	94.19	102.93	164.18
Average	10.87	34.10	26.34	91.88	16.51	0.93	25.39	58.16	103.41

### 10. Continuous Ambient Air Quality Monitoring Station at Manesar.

Monitoring Location : Sector-2 IMT, Manesar - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	3.16	9.17	7.20	11.52	22.15	0.51	30.76	29.08	93.78

May-20	3.05	4.76	2.32	9.69	14.33	0.52	44.62	39.15	113.07
Jun-20	7.75	34.96	21.87	26.58	21.48	0.61	29.71	40.07	98.61
Jul-20	8.07	18.81	10.21	26.86	7.86	0.50	26.68	43.00	91.17
Aug-20	7.58	11.48	10.61	29.84	1.55	0.46	19.49	34.87	70.46
Sep-20	10.35	14.55	12.72	32.63	2.85	0.57	17.78	57.81	100.13
Oct-20	14.32	16.34	15.13	33.79	17.51	0.75	50.37	111.33	206.35
Nov-20	78.21	82.55	104.37	104.36	15.45	0.99	33.43	160.34	271.08
Dec-20	36.21	36.88	48.15	68.26	6.23	1.03	22.85	121.92	214.38
Jan-21	15.21	17.00	20.92	30.91	3.60	0.82	16.51	101.84	174.63
Feb-21	19.40	21.57	26.63	39.52	7.89	0.78	25.19	109.01	202.53
Mar-21	9.23	3.37	4.51	20.07	12.50	0.46	32.87	107.48	171.74
Minimum	3.05	3.37	2.32	9.69	1.55	0.46	16.51	29.08	70.46
Maximum	78.21	82.55	104.37	104.36	22.15	1.03	50.37	160.34	271.08
Average	17.71	22.62	23.72	36.17	11.12	0.67	29.19	79.66	150.66

## 11. Continuous Ambient Air Quality Monitoring Station at Narnaul.

Monitoring Location : Shastri Nagar, Narnaul - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	*	*	*	*	4.66	0.31	13.68	26.93	83.81
May-20	23.33	27.29	16.41	25.01	7.28	0.30	19.82	30.22	113.85
Jun-20	23.24	21.26	17.65	26.81	8.13	0.30	17.22	31.11	114.55
Jul-20	25.97	20.04	24.15	34.51	6.93	0.22	15.61	28.36	64.43
Aug-20	28.91	25.36	32.62	37.26	5.19	0.22	13.50	10.39	34.96
Sep-20	32.03	25.05	39.48	35.20	4.27	0.58	20.76	64.80	183.53
Oct-20	32.03	25.05	39.48	35.20	4.27	0.58	20.76	64.80	183.53
Nov-20	9.75	19.49	13.73	23.76	3.07	0.80	24.24	102.05	153.17
Dec-20	18.67	17.80	10.29	30.69	3.18	1.65	26.60	102.52	248.70
Jan-21	22.82	20.03	12.13	33.39	3.22	0.69	18.21	102.21	248.49
Feb-21	24.87	19.07	11.03	26.58	4.04	0.61	11.81	89.14	266.24
Mar-21	3.97	22.42	12.49	47.29	4.90	0.37	54.98	49.29	104.00
Minimum	3.97	17.80	10.29	23.76	3.07	0.22	11.81	10.39	34.96
Maximum	32.03	27.29	39.48	47.29	8.13	1.65	54.98	102.52	266.24
Average	22.33	22.08	20.86	32.34	4.93	0.55	21.43	58.49	149.94

## 12. Continuous Ambient Air Quality Monitoring Station at Palwal.

Monitoring Location : Shyam Nagar, Palwal - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									

Months	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	17.04	6.07	23.13	65.36	14.76	1.04	10.11	52.81	125.87
May-20	17.13	10.92	27.63	49.75	7.32	0.86	13.35	30.34	127.52
Jun-20	14.92	10.60	25.56	51.10	5.22	0.91	15.83	16.29	98.92
Jul-20	19.41	7.95	25.74	66.01	3.92	0.81	11.10	23.89	71.08
Aug-20	19.39	9.93	29.01	78.63	5.84	0.61	9.99	23.37	56.51
Sep-20	11.32	16.77	28.78	45.75	5.20	0.58	18.97	28.55	92.92
Oct-20	13.78	17.00	29.17	55.57	3.47	1.72	19.53	62.46	208.40
Nov-20	22.93	29.93	54.94	62.95	2.60	2.64	13.60	44.81	193.32
Dec-20	8.82	10.08	19.61	12.86	2.15	3.32	13.25	52.41	160.92
Jan-21	31.49	16.15	47.89	19.75	3.63	3.26	10.05	51.75	118.65
Feb-21	19.69	12.67	31.09	34.93	8.20	2.15	17.32	26.78	123.97
Mar-21	19.69	12.67	31.09	34.93	8.20	2.15	17.32	26.78	123.97
Minimum	8.82	6.07	19.61	12.86	2.15	0.58	9.99	16.29	56.51
Maximum	31.49	29.93	54.94	78.63	14.76	3.32	19.53	62.46	208.40
Average	17.97	13.40	31.14	48.13	5.88	1.67	14.20	36.69	125.17

## 13. Continuous Ambient Air Quality Monitoring Station at Panipat.

Monitoring Location : Sector-18, Panipat - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	7.22	49.92	27.64	41.94	12.52	0.34	36.09	44.01	159.22
May-20	13.95	59.63	37.90	53.95	35.72	0.44	59.34	57.85	192.92
Jun-20	10.22	28.32	49.02	21.41	21.74	0.53	41.98	55.85	173.42
Jul-20	11.66	34.22	33.89	36.50	21.94	0.59	36.82	52.12	160.12
Aug-20	14.37	7.97	0.92	9.71	12.25	0.22	23.41	24.47	80.64
Sep-20	22.12	23.24	18.57	10.05	7.69	0.30	36.51	36.67	147.59
Oct-20	57.29	67.44	47.98	13.95	24.87	0.73	42.51	93.66	320.53
Nov-20	111.42	132.38	89.98	33.96	51.72	1.22	32.68	103.87	308.90
Dec-20	41.42	67.76	44.16	43.35	23.19	1.58	11.22	89.20	269.89
Jan-21	126.94	51.53	110.55	29.82	70.97	2.22	50.77	100.41	309.15
Feb-21	51.37	36.96	55.79	32.37	49.25	1.66	13.33	84.53	211.42
Mar-21	23.51	29.29	45.06	17.70	35.84	1.59	6.15	72.90	233.89
Minimum	7.22	7.97	0.92	9.71	7.69	0.22	6.15	24.47	80.64
Maximum	126.94	132.38	110.55	53.95	70.97	2.22	59.34	103.87	320.53
Average	40.96	49.05	46.79	28.73	30.64	0.95	32.57	67.96	213.97

## 14. Continuous Ambient Air Quality Monitoring Station at Sonipat.

Monitoring Location : Murthal, Sonipat - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	70.42	54.23	21.16	22.25	28.00	0.90	16.84	30.70	121.27
May-20	62.61	59.07	18.96	21.64	39.54	0.74	22.09	40.88	168.02
Jun-20	84.15	60.16	24.41	23.97	36.03	0.49	22.50	41.41	151.28
Jul-20	36.61	24.83	20.37	32.87	32.92	0.35	32.96	29.83	95.90
Aug-20	22.00	14.99	20.01	37.00	19.53	0.34	32.36	21.00	74.25
Sep-20	22.01	15.01	20.00	37.00	37.31	0.49	31.36	22.78	127.56
Oct-20	21.99	15.01	20.00	37.01	24.52	0.80	30.74	61.86	242.81
Nov-20	19.47	94.58	99.18	105.84	16.78	1.02	30.10	113.54	289.63
Dec-20	6.72	45.16	41.85	150.90	15.34	0.86	29.95	91.45	224.17
Jan-21	3.96	31.84	22.93	89.67	8.52	0.88	30.07	81.98	196.38
Feb-21	2.75	28.62	16.36	38.81	11.05	0.82	30.04	63.64	188.67
Mar-21	9.88	29.33	16.51	24.04	26.45	0.63	30.25	45.69	234.16
Minimum	2.75	14.99	16.36	21.64	8.52	0.34	16.84	21.00	74.25
Maximum	84.15	94.58	99.18	150.90	39.54	1.02	32.96	113.54	289.63
Average	30.21	39.40	28.48	51.75	24.67	0.69	28.27	53.73	176.18

## 15. Continuous Ambient Air Quality Monitoring Station at Charkhi Dadri.

Monitoring Location : Mini Secretariat, Charkhi Dadri - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
May-20	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Jun-20	11.32	0.19	2.76	565.13	6.58	0.74	36.51	193.29	265.01
Jul-20	0.41	1.66	1.19	44.52	4.64	0.41	85.93	39.09	45.12
Aug-20	0.74	3.7	2.48	13.78	2.45	0.42	82.98	81.75	117.14
Sep-20	2.89	7.48	2.06	7.42	1.6	0.44	25.12	43.63	60.25
Oct-20	6.24	8.39	6.48	11.86	3.01	0.32	27.38	21.61	52.87
Nov-20	4.83	8.55	6.12	14.08	2.8	0.68	60.66	118.19	151.91
Dec-20	5.46	21.17	14.64	58.26	3.61	1.17	84.35	122.64	287.86
Jan-21	3.49	5.63	7.77	12.33	13.52	13.66	14.15	30.64	177.81
Feb-21	46.18	33.62	48.98	80.62	4.34	1.9	15.31	187.8	324.67

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Mar-21	14.35	24.29	19.27	42.13	3.58	1.16	6.42	110.46	202.53
Minimum	0.41	0.19	1.19	7.42	1.60	0.32	6.42	21.61	45.12
Maximum	46.18	37.28	48.98	565.13	13.52	13.66	85.93	193.29	324.67
Average	10.06	14.63	13.74	76.60	4.24	1.90	41.24	92.14	171.54
	0.41	0.19	1.19	7.42	1.60	0.32	6.42	21.61	45.12
	46.18	37.28	48.98	565.13	13.52	13.66	85.93	193.29	324.67
	10.06	14.63	13.74	76.60	4.24	1.90	41.24	92.14	171.54

## 16. Continuous Ambient Air Quality Monitoring Station at Faridabad

Monitoring Location : New Industrial Town, Faridabad - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	27.97	16.46	38.65	68.64	150.26	1.38	23.73	149.16	200.65
May-20	36.86	33.91	67.14	137.93	31.31	1.91	70.27	121.40	170.26
Jun-20	28.87	22.85	50.36	159.30	12.12	1.97	70.29	131.23	355.97
Jul-20	7.44	0.18	6.09	*	29.66	1.52	33.53	62.24	180.87
Aug-20	7.03	40.20	26.11	30.50	29.87	2.34	29.98	54.13	141.19
Sep-20	16.67	19.13	17.19	33.59	116.14	1.82	49.84	115.44	223.23
Oct-20	29.69	21.71	22.87	16.03	12.63	1.66	23.96	127.07	309.58
Nov-20	50.74	26.33	67.89	88.59	16.64	2.39	52.74	351.80	601.84
Dec-20	12.16	21.01	22.25	26.95	13.98	2.24	30.75	164.30	655.04
Jan-21	16.66	14.81	24.57	72.40	19.08	2.10	18.40	166.24	578.15
Feb-21	45.79	1.15	37.28	6.27	15.48	18.07	55.10	165.16	709.57
Mar-21	20.35	6.02	23.73	6.51	20.87	1.76	61.28	220.00	556.46
Minimum	7.03	0.18	6.09	6.27	12.12	1.38	18.40	54.13	141.19
Maximum	50.74	40.20	67.89	159.30	150.26	18.07	70.29	351.80	709.57
Average	25.02	18.65	33.68	58.79	39.00	3.26	43.32	152.35	390.23

## 17. Continuous Ambient Air Quality Monitoring Station at Sector 11, Faridabad

Monitoring Location : Sector 11, Faridabad - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	8.55	12.91	13.28	40.78	6.44	1.68	57.43	99.85	219.04
May-20	49.09	27.47	86.14	184.07	6.12	1.51	38.70	81.58	133.19
Jun-20	35.85	18.26	32.24	23.76	5.46	1.48	26.49	71.02	107.17

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<b>Jul-20</b>	24.77	11.83	34.19	110.69	5.25	1.44	18.42	41.17	84.70
<b>Aug-20</b>	29.22	31.46	65.49	129.07	21.20	1.96	23.88	41.96	93.05
<b>Sep-20</b>	23.09	3.65	35.29	56.36	9.17	1.61	20.76	46.64	149.71
<b>Oct-20</b>	48.82	46.02	60.22	53.80	11.97	2.10	32.06	131.56	295.52
<b>Nov-20</b>	75.94	53.74	84.74	53.26	10.44	2.19	24.85	186.56	375.66
<b>Dec-20</b>	78.57	16.96	60.10	33.39	7.56	2.85	60.07	224.89	509.85
<b>Jan-21</b>	*	*	*	*	*	*	*	*	*
<b>Feb-21</b>	26.07	2.89	17.03	9.60	5.32	1.56	16.99	129.97	322.04
<b>Mar-21</b>	20.21	31.95	31.91	25.24	4.82	1.16	30.31	103.29	237.48
<b>Minimum</b>	<b>8.55</b>	<b>2.89</b>	<b>13.28</b>	<b>9.60</b>	<b>4.82</b>	<b>1.16</b>	<b>16.99</b>	<b>41.17</b>	<b>84.70</b>
<b>Maximum</b>	<b>78.57</b>	<b>53.74</b>	<b>86.14</b>	<b>184.07</b>	<b>21.20</b>	<b>2.85</b>	<b>60.07</b>	<b>224.89</b>	<b>509.85</b>
<b>Average</b>	<b>38.20</b>	<b>23.38</b>	<b>47.33</b>	<b>65.46</b>	<b>8.52</b>	<b>1.78</b>	<b>31.81</b>	<b>105.32</b>	<b>229.76</b>

**18. Continuous Ambient Air Quality Monitoring Station at Sector 30, Faridabad**

<b>Monitoring Location : Sector 30, Faridabad - HSPCB</b>									
<b>Monitoring Conducted By: Environnement SA India Pvt. Ltd</b>									
<b>Months</b>	<b>NO</b>	<b>NO2</b>	<b>NOx</b>	<b>NH3</b>	<b>SO<sub>2</sub></b>	<b>CO</b>	<b>O<sub>3</sub></b>	<b>PM<sub>2.5</sub></b>	<b>PM<sub>10</sub></b>
	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>ppb</b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>mg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
<b>Apr-20</b>	8.00	11.01	14.00	28.01	0.63	6.70	23.58	34.39	116.36
<b>May-20</b>	8.01	11.00	14.00	28.01	0.66	2.90	25.42	71.80	148.84
<b>Jun-20</b>	8.00	11.00	14.01	28.01	0.68	3.08	35.03	61.65	153.88
<b>Jul-20</b>	8.00	11.01	14.01	28.01	0.65	6.01	20.51	52.05	106.14
<b>Aug-20</b>	5.66	8.00	12.25	25.28	0.72	5.98	17.50	41.57	74.27
<b>Sep-20</b>	11.29	11.05	19.04	16.72	0.91	8.06	26.91	70.71	129.20
<b>Oct-20</b>	9.77	9.94	16.18	22.44	1.23	5.78	31.84	139.84	235.52
<b>Nov-20</b>	10.06	9.60	14.11	23.44	1.60	6.73	21.45	179.18	310.25
<b>Dec-20</b>	8.49	12.18	16.49	20.72	2.17	7.47	15.47	135.22	330.95
<b>Jan-21</b>	7.36	12.74	15.09	18.92	2.55	10.27	7.66	174.51	273.79
<b>Feb-21</b>	9.90	11.17	19.39	21.02	1.68	10.30	19.29	132.70	301.09
<b>Mar-21</b>	8.95	9.81	19.06	21.97	1.24	12.79	23.52	103.91	275.74
<b>Minimum</b>	<b>5.66</b>	<b>8.00</b>	<b>12.25</b>	<b>16.72</b>	<b>0.63</b>	<b>2.90</b>	<b>7.66</b>	<b>34.39</b>	<b>74.27</b>
<b>Maximum</b>	<b>11.29</b>	<b>12.74</b>	<b>19.39</b>	<b>28.01</b>	<b>2.55</b>	<b>12.79</b>	<b>35.03</b>	<b>179.18</b>	<b>330.95</b>
<b>Average</b>	<b>8.62</b>	<b>10.71</b>	<b>15.64</b>	<b>23.55</b>	<b>1.23</b>	<b>7.17</b>	<b>22.35</b>	<b>99.79</b>	<b>204.67</b>

## 19. Continuous Ambient Air Quality Monitoring Station at Gurugram

Monitoring Location : Sector-51, Gurugram - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	2.94	14.57	9.43	36.38	12.31	0.69	79.68	46.40	104.86
May-20	3.42	14.22	9.47	19.38	9.52	0.69	97.29	58.56	131.46
Jun-20	1.51	12.34	6.15	5.76	8.41	0.58	85.54	55.34	143.68
Jul-20	3.64	7.49	8.06	19.41	8.79	0.52	55.12	44.64	108.45
Aug-20	5.11	6.50	5.90	15.62	7.63	0.52	18.38	33.68	92.84
Sep-20	7.83	5.29	10.09	29.72	2.74	0.66	23.16	63.21	153.64
Oct-20	19.21	20.57	16.15	60.54	3.27	1.45	36.12	159.67	339.26
Nov-20	30.35	33.24	19.05	75.77	3.72	1.95	18.88	224.44	344.87
Dec-20	39.68	38.04	20.20	121.22	2.07	1.66	22.59	143.20	222.14
Jan-21	20.95	17.21	29.61	40.61	2.53	1.15	18.79	156.24	243.48
Feb-21	9.32	16.00	9.34	19.08	2.55	0.91	26.78	186.87	339.82
Mar-21	3.30	8.52	13.30	24.08	4.14	0.73	27.76	120.58	279.88
Minimum	1.51	5.29	5.90	5.76	2.07	0.52	18.38	33.68	92.84
Maximum	39.68	38.04	29.61	121.22	12.31	1.95	97.29	224.44	344.87
Average	12.27	16.17	13.06	38.96	5.64	0.96	42.51	107.74	208.70

## 20. Continuous Ambient Air Quality Monitoring Station at Teri Gram, Gurugram

Monitoring Location : Teri Gram, Gurugram - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	41.17	21.58	43.85	114.70	18.09	0.60	59.13	43.17	78.34
May-20	5.30	3.50	5.08	5.52	8.35	0.65	63.27	57.80	106.10
Jun-20	8.87	2.96	8.48	1.98	4.60	0.65	46.52	60.47	113.08
Jul-20	6.59	4.06	7.78	7.82	6.03	0.61	25.83	44.89	82.61
Aug-20	6.92	7.60	13.64	14.84	7.47	0.59	11.43	27.82	39.44
Sep-20	6.06	8.68	14.66	18.43	4.24	0.84	15.37	55.81	87.27
Oct-20	23.79	14.84	26.40	33.82	5.73	1.15	19.79	118.27	170.95
Nov-20	24.54	21.83	34.03	47.34	6.98	1.54	15.70	174.72	213.00
Dec-20	26.46	21.22	36.49	41.85	6.49	1.66	13.58	105.35	138.24
Jan-21	18.36	20.29	25.15	39.40	5.14	1.34	25.90	105.59	140.24
Feb-21	25.83	24.64	40.45	51.92	2.52	1.25	35.74	123.06	195.70
Mar-21	9.51	13.15	14.50	45.59	1.78	0.74	29.43	99.11	175.80

Minimum	5.30	2.96	5.08	1.98	1.78	0.59	11.43	27.82	39.44
Maximum	41.17	24.64	43.85	114.70	18.09	1.66	63.27	174.72	213.00
Average	16.95	13.70	22.54	35.27	6.45	0.97	30.14	84.67	128.40

## 21. Continuous Ambient Air Quality Monitoring Station at Patti Mehar, Ambala

Monitoring Location : Patti Mehar, Ambala - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	PM2.5	CO	NO	NO2	NOX	O3	SO2	PM2.5	CO
	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
Apr-20	20.08	0.53	12.50	19.64	20.66	30.10	9.53	20.08	0.53
May-20	25.63	0.42	9.49	28.16	22.67	58.80	27.47	25.63	0.42
Jun-20	31.11	0.56	5.63	15.62	12.80	39.18	7.64	31.11	0.56
Jul-20	31.70	0.22	9.20	18.58	17.37	11.41	4.44	31.70	0.22
Aug-20	22.49	0.98	9.24	18.68	17.45	8.17	3.15	22.49	0.98
Sep-20	45.38	0.52	10.13	20.39	19.07	11.02	6.55	45.38	0.52
Oct-20	56.09	0.72	9.90	20.13	18.73	42.47	9.04	56.09	0.72
Nov-20	80.87	0.98	8.52	20.64	17.77	33.29	6.97	80.87	0.98
Dec-20	94.10	0.47	9.22	25.12	19.84	29.99	8.21	94.10	0.47
Jan-21	70.54	0.64	9.15	24.66	19.70	106.69	7.28	70.54	0.64
Feb-21	52.80	0.73	9.14	24.65	19.72	33.00	8.24	52.80	0.73
Mar-21	51.12	0.53	7.74	29.30	22.90	32.97	7.87	51.12	0.53
Minimum	20.08	0.22	5.63	15.62	12.80	8.17	3.15	20.08	0.22
Maximum	94.10	0.98	12.50	29.30	22.90	106.69	27.47	94.10	0.98
Average	48.49	0.61	9.16	22.13	19.06	36.42	8.87	48.49	0.61

## 22. Continuous Ambient Air Quality Monitoring Station at Sector-7, Kurukshetra

Monitoring Location : Sector-7, Kurukshetra - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	1.62	14.44	8.83	13.06	15.19	0.31	49.76	36.19	81.08
May-20	1.78	19.39	12.92	15.95	20.88	0.45	55.81	55.35	123.32
Jun-20	1.85	16.81	10.25	23.80	4.50	0.42	29.55	45.98	97.17
Jul-20	1.73	12.16	7.71	37.86	3.18	0.38	28.80	28.10	56.96
Aug-20	2.38	12.74	8.50	14.97	2.49	0.38	24.48	20.29	42.29
Sep-20	2.01	16.71	10.32	12.66	3.75	0.46	40.61	40.05	94.69
Oct-20	5.65	43.33	27.17	31.90	16.32	1.04	52.31	133.68	229.64

Nov-20	16.56	62.22	45.79	50.22	20.01	1.13	37.41	137.11	227.62
Dec-20	10.41	49.00	33.95	43.78	15.41	1.01	29.70	121.59	192.11
Jan-21	6.99	31.38	22.00	32.20	7.09	0.92	21.37	96.60	153.86
Feb-21	11.38	45.47	32.42	23.72	9.90	0.89	26.92	88.72	163.37
Mar-21	2.86	21.02	13.42	24.13	16.49	0.50	37.33	62.42	144.85
Minimum	1.62	12.16	7.71	12.66	2.49	0.31	21.37	20.29	42.29
Maximum	16.56	62.22	45.79	50.22	20.88	1.13	55.81	137.11	229.64
Average	5.43	28.72	19.44	27.02	11.27	0.66	36.17	72.17	133.92

## 23. Continuous Ambient Air Quality Monitoring Station at Rishi Nagar, Kaithal - HSPCB

Monitoring Location : Rishi Nagar, Kaithal - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	1.89	17.14	8.19	26.90	6.27	0.43	20.07	30.62	80.88
May-20	3.07	23.20	11.66	46.03	6.11	0.54	37.79	42.81	131.68
Jun-20	2.59	14.23	6.88	41.62	7.96	0.45	64.27	40.14	116.95
Jul-20	1.60	11.82	6.10	57.07	7.73	0.40	35.60	27.27	70.74
Aug-20	1.84	9.54	5.09	46.31	10.35	0.43	22.32	19.31	47.15
Sep-20	1.41	10.17	5.38	56.35	8.34	0.53	37.20	33.36	82.27
Oct-20	1.76	18.03	9.79	59.74	8.58	1.06	38.72	100.48	221.36
Nov-20	1.06	34.85	18.63	65.70	7.88	1.47	20.19	142.47	271.15
Dec-20	1.37	31.22	16.79	62.00	8.46	1.19	18.77	83.68	178.38
Jan-21	1.35	23.13	12.09	58.56	6.59	0.95	13.29	74.90	134.09
Feb-21	1.79	22.14	11.61	46.74	7.20	0.98	12.51	53.52	127.33
Mar-21	1.22	13.40	7.38	34.28	18.98	0.56	14.35	32.95	143.07
Minimum	1.06	9.54	5.09	26.90	6.11	0.40	12.51	19.31	47.15
Maximum	3.07	34.85	18.63	65.70	18.98	1.47	64.27	142.47	271.15
Average	1.75	19.07	9.97	50.11	8.70	0.75	27.92	56.79	133.75

## 24. Continuous Ambient Air Quality Monitoring Station at Urban Estate-II, Hisar

Monitoring Location : Urban Estate-II, Hisar - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	1.07	19.62	11.02	55.52	22.08	0.73	20.97	42.43	109.23
May-20	1.60	22.84	13.09	44.82	18.01	0.50	37.07	57.88	155.05
Jun-20	1.31	22.14	12.56	22.67	11.38	0.46	48.58	53.43	147.40
Jul-20	1.18	18.12	10.34	22.59	5.65	0.60	68.91	38.57	83.75
Aug-20	1.37	13.42	8.07	17.97	5.44	0.50	50.93	26.78	55.64
Sep-20	1.21	17.62	10.09	15.07	8.33	0.61	26.66	49.93	100.41
Oct-20	3.01	32.55	19.14	26.56	24.00	0.90	55.32	126.34	230.78
Nov-20	15.52	58.98	40.52	28.97	33.46	1.63	40.55	207.82	298.28
Dec-20	13.05	34.58	32.14	41.55	21.99	2.20	33.10	150.77	214.23
Jan-21	6.49	33.35	21.17	26.11	10.89	1.37	29.11	125.50	164.23
Feb-21	5.51	30.94	20.05	25.11	16.54	1.11	25.58	115.23	164.40
Mar-21	2.25	30.44	17.70	28.10	21.56	0.62	21.54	89.48	167.29
Minimum	1.07	13.42	8.07	15.07	5.44	0.46	20.97	26.78	55.64
Maximum	15.52	58.98	40.52	55.52	33.46	2.20	68.91	207.82	298.28
Average	4.47	27.88	17.99	29.59	16.61	0.94	38.19	90.35	157.56

## 25. Continuous Ambient Air Quality Monitoring Station at F-Block, Sirsa - HSPCB

Monitoring Location : F-Block, Sirsa - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	6.49	4.74	5.02	4.99	30.64	0.33	22.40	33.83	95.06
May-20	8.91	6.29	12.43	6.37	22.45	0.62	18.78	50.93	152.45
Jun-20	18.31	9.94	25.63	3.95	16.02	0.70	19.72	48.62	139.56
Jul-20	19.70	10.95	27.37	3.97	15.69	0.65	69.21	23.25	75.84
Aug-20	6.78	10.01	11.66	5.03	12.64	0.64	46.31	14.04	39.49
Sep-20	5.54	14.19	10.95	5.21	17.56	0.74	40.42	29.98	63.39
Oct-20	4.73	35.13	21.17	19.80	29.85	1.10	46.97	78.38	202.76
Nov-20	18.25	60.39	42.49	61.76	51.01	1.34	36.54	116.95	261.29
Dec-20	7.63	76.33	45.16	66.05	36.25	1.00	20.36	67.67	134.95
Jan-21	4.56	63.95	37.08	53.70	19.71	0.96	14.35	58.42	110.96

Feb-21	4.83	32.08	17.71	27.96	13.27	0.87	16.17	63.56	119.19
Mar-21	8.37	19.80	12.44	21.07	13.87	0.53	21.30	53.10	107.55
Minimum	4.56	4.74	5.02	3.95	12.64	0.33	14.35	14.04	39.49
Maximum	19.70	76.33	45.16	66.05	51.01	1.34	69.21	116.95	261.29
Average	9.51	28.65	22.43	23.32	23.25	0.79	31.04	53.23	125.21

## 26. Continuous Ambient Air Quality Monitoring Station at Huda Sector, Fatehabad

Monitoring Location : Huda Sector, Fatehabad - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	1.72	8.58	5.92	12.70	12.10	0.28	62.86	38.77	94.30
May-20	3.09	12.42	8.75	9.12	14.06	0.41	73.48	56.09	152.21
Jun-20	41.11	6.68	29.45	5.01	11.91	0.33	43.73	48.10	125.85
Jul-20	12.66	5.69	12.94	4.52	8.15	0.32	38.16	32.01	73.48
Aug-20	24.37	11.13	36.80	6.31	7.89	0.30	21.11	23.39	42.87
Sep-20	21.88	12.92	23.73	4.79	8.70	0.52	29.10	43.79	82.75
Oct-20	19.72	8.54	18.23	9.77	14.11	0.88	93.31	131.55	209.73
Nov-20	14.17	23.28	11.59	26.92	15.37	1.28	35.74	245.60	295.33
Dec-20	9.22	34.70	7.33	33.39	7.89	0.86	17.32	123.71	205.37
Jan-21	12.40	33.18	9.46	32.83	6.16	0.78	11.59	93.12	144.39
Feb-21	21.36	31.30	15.73	33.11	5.59	0.78	17.75	56.15	129.89
Mar-21	20.50	22.05	14.80	23.73	11.63	0.45	14.41	56.63	174.87
Minimum	1.72	5.69	5.92	4.52	5.59	0.28	11.59	23.39	42.87
Maximum	41.11	34.70	36.80	33.39	15.37	1.28	93.31	245.60	295.33
Average	16.85	17.54	16.23	16.85	10.30	0.60	38.21	79.08	144.25

## 27. Continuous Ambient Air Quality Monitoring Station at Gobind Pura, Yamuna Nagar

Monitoring Location : Gobind Pura, Yamuna Nagar - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	SO <sub>2</sub>	CO	O <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Apr-20	3.56	24.21	13.90	20.27	11.15	0.34	43.54	37.37	85.37
May-20	2.59	21.43	15.35	27.53	29.84	0.47	32.10	52.09	119.36
Jun-20	2.63	18.11	11.80	31.01	15.44	0.50	61.88	47.23	108.79
Jul-20	4.65	19.41	12.83	47.47	16.40	0.51	55.70	38.74	77.79
Aug-20	6.78	19.97	15.76	37.00	16.24	0.62	49.36	34.92	73.94
Sep-20	4.60	19.15	12.47	26.91	5.39	0.63	43.01	62.26	124.74
Oct-20	14.25	46.19	34.36	19.30	8.34	1.13	49.62	129.64	261.40
Nov-20	20.31	59.22	45.74	32.80	13.66	1.24	31.98	158.97	237.71
Dec-20	13.93	45.75	33.47	31.18	9.12	1.14	32.14	151.71	212.91
Jan-21	7.37	22.72	18.36	24.62	7.43	1.24	35.42	115.40	183.24
Feb-21	10.07	29.94	22.64	24.59	11.17	1.10	36.09	92.72	178.53
Mar-21	14.10	33.81	22.73	63.08	12.67	0.71	47.41	83.50	169.41
Minimum	2.59	18.11	11.80	19.30	5.39	0.34	31.98	34.92	73.94
Maximum	20.31	59.22	45.74	63.08	29.84	1.24	61.88	158.97	261.40
Average	8.74	29.99	21.62	32.15	13.07	0.80	43.19	83.71	152.77

## 28. Continuous Ambient Air Quality Monitoring Station at Sector-6, Panchkula

Monitoring Location : Sector-6, Panchkula - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	PM <sub>2.5</sub>	CO	NO	NO <sub>2</sub>	NO <sub>x</sub>	O <sub>3</sub>	SO <sub>2</sub>	PM <sub>2.5</sub>	CO
	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	ppb	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
Apr-20	20.08	0.53	12.50	19.64	20.66	30.10	9.53	20.08	0.53
May-20	25.63	0.42	9.49	28.16	22.67	58.80	27.47	25.63	0.42
Jun-20	31.11	0.56	5.63	15.62	12.80	39.18	7.64	31.11	0.56
Jul-20	31.70	0.22	9.20	18.58	17.37	11.41	4.44	31.70	0.22
Aug-20	22.49	0.98	9.24	18.68	17.45	8.17	3.15	22.49	0.98
Sep-20	45.38	0.52	10.13	20.39	19.07	11.02	6.55	45.38	0.52
Oct-20	56.09	0.72	9.90	20.13	18.73	42.47	9.04	56.09	0.72
Nov-20	80.87	0.98	8.52	20.64	17.77	33.29	6.97	80.87	0.98

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Dec-20	94.10	0.47	9.22	25.12	19.84	29.99	8.21	94.10	0.47
Jan-21	70.54	0.64	9.15	24.66	19.70	106.69	7.28	70.54	0.64
Feb-21	52.80	0.73	9.14	24.65	19.72	33.00	8.24	52.80	0.73
Mar-21	51.12	0.53	7.74	29.30	22.90	32.97	7.87	51.12	0.53
Minimum	20.08	0.22	5.63	15.62	12.80	8.17	3.15	20.08	0.22
Maximum	94.10	0.98	12.50	29.30	22.90	106.69	27.47	94.10	0.98
Average	48.49	0.61	9.16	22.13	19.06	36.42	8.87	48.49	0.61

## 29. Continuous Ambient Air Quality Monitoring Station at HSPCB Faridabad,

Monitoring Location : Faridabad - HSPCB							
Monitoring Conducted By: Eco Tech Pvt. Ltd							
Months	CO	SO2	NO	NO2	NOX	O3	PM2.5
	mg/m3	µg/m3	µg/m3	µg/m3	PPb	µg/m3	µg/m3
Apr-20	0.48	2.57	*	*	*	51.87	41
May-20	0.94	3.69	*	*	*	50.76	44
Jun-20	1.05	5.6	*	*	*	33.77	43
Jul-20	0.78	5.53	*	*	*	22.75	30
Aug-20	0.71	5.99	23.58	29.33	53.04	30.17	24
Sep-20	1.15	6.18	18.47	28.3	46.17	40.7	53
Oct-20	2.09	10.44	50.71	53.65	103.29	31.17	134
Nov-20	2.48	13.74	52.41	68.17	118.14	20.17	232
Dec-20	2	8.87	41.45	74.97	116.06	20.52	20.9
Jan-21	2.06	7.49	63.43	51	113.07	19	211
Feb-21	1.88	10.76	84.5	54.57	139.29	20.82	151
Mar-21	1.44	7.77	58.81	47.94	106.39	36.9	89
Minimum	0.48	2.57	18.47	28.3	46.17	19	20.9
Maximum	2.48	13.74	84.5	74.97	139.29	51.87	232
Average	1.42	7.38	49.17	50.99	99.43	31.55	89.41

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**CHAPTER 10: CONSENT UNDER THE  
WATER ACT, 1974 & AIR ACT, 1981**

### 10.1 Categorization of Industrial Units/Projects

The Board re-categorized industrial sectors/projects under Red, Orange, Green and White categories for the purpose of consent management under the Water Act, 1974 & the Air Act, 1981 on the basis of direction issued by the Central Pollution Control Board vide letter dated 07.03.2016.

According to new categorization, Red, Orange and Green category of industries/projects are covered under the consent management, whereas White category industries/projects are exempted from the consent management, in view of less pollution potential in these industries. However, White category units/projects are required to provide the pollution control devices, wherever required and comply with the standards prescribed for discharge of pollutants under the Environment (Protection) Rules, 1986.

The status of industries/projects covered under the Red, Orange and Green, categories is given as under:-

Region	Red	Orange	Green	White	Total
Ambala	64	390	49	0	503
Bahadurgarh	284	1054	110	0	1448
Ballabgarh	426	400	79	2	907
Bhiwani	40	1054	15	0	1109
Dharuhera	167	592	58	4	821
Faridabad	148	210	39	1	398
Gurugram (N)	258	367	43	7	675
Gurugram (S)	452	494	231	16	1193
Hisar	95	1085	35	0	1215
Kaithal	63	549	53	0	665
Karnal	125	480	63	237	905
Kurukshetra	45	267	28	0	340
Nuh	47	41	9	0	97
Palwal	48	58	16	2	124
Panchkula	99	403	62	24	588
Panipat	359	258	66	3	686
Sonepat	363	1092	284	53	1792
Yamuna Nagar	193	1187	26	0	1406
<b>Total</b>	<b>3276</b>	<b>9981</b>	<b>1266</b>	<b>349</b>	<b>14872</b>

**Consent to Establish under The Water Act, 1974 & The Air Act, 1981**

All the industrial units/projects covered under the Red, Orange and Green categories require prior Consent to Establish from the Board for their establishment or any extension or addition thereto.

The status of Consent to Establish under the Water Act, 1974 & the Air Act, 1981 is given as under:-

Region	Applications pending as on 31.03.2020	Applications received during 2020-21	Total Applications received	Decided		Pending			
				Granted	Refused	Under SCN	Not dealt	Pending for decision	Total
Ambala	0	79	79	53	26	0	0	0	0
Bahadurgarh	0	168	168	135	33	0	0	0	0
Ballabgarh	0	101	101	84	17	0	0	0	0
Bhiwani	0	89	89	59	30	0	0	0	0
Dharuhera	0	87	87	55	32	0	0	0	0
Faridabad	0	53	53	42	11	0	0	0	0
Gurugram (N)	0	100	100	57	43	0	0	0	0
Gurugram (S)	0	176	176	140	36	0	0	0	0
Hisar	0	143	143	101	42	0	0	0	0
Kaithal	0	82	82	49	33	0	0	0	0
Karnal	0	120	120	91	29	0	0	0	0
Kurukshetra	0	35	35	20	15	0	0	0	0
Nuh	0	45	45	27	18	0	0	0	0
Palwal	0	22	22	15	7	0	0	0	0
Panchkula	0	83	83	61	22	0	0	0	0
Panipat	5	122	127	85	39	0	3	0	3
Sonepat	0	465	465	425	40	0	0	0	0
Yamuna Nagar	0	233	233	200	33	0	0	0	0
<b>Total</b>	<b>5</b>	<b>2203</b>	<b>2208</b>	<b>1699</b>	<b>506</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>

**Consent to Operate under Water Act, 1974 & Air Act, 1981**

All the industrial units/projects covered under the Red, Orange and Green category require prior Consent to Operate from the Board before starting even trial production and renewal of Consent to Operate before expiry of previous consent.

The status of Consent to Operate under the Water Act, 1974 & the Air Act, 1981, is given as under:-

Region	Applications pending as on 31.03.2020	Applications received during 2020-21	Total Applications received	Decided		Pending			Total
				Granted	Refused	Under SCN	Not dealt	Pending for decision	
Ambala	0	175	175	137	38	0	0	0	0
Bahadurgarh	0	524	524	487	37	0	0	0	0
Ballabgarh	0	334	334	332	2	0	0	0	0
Bhiwani	0	427	427	322	105	0	0	0	0
Dharuhera	0	263	263	202	61	0	0	0	0
Faridabad	0	245	245	245	0	0	0	0	0
Gurugram (N)	0	243	243	202	41	0	0	0	0
Gurugram (S)	0	431	431	388	43	0	0	0	0
Hisar	0	427	427	387	40	0	0	0	0
Kaithal	0	294	294	178	116	0	0	0	0
Karnal	0	287	287	258	29	0	0	0	0
Kurukshetra	0	131	131	99	32	0	0	0	0
Nuh	0	136	136	98	38	0	0	0	0
Palwal	0	148	148	110	38	0	0	0	0
Panchkula	0	229	229	163	66	0	0	0	0
Panipat	7	190	197	163	18	0	1	15	16
Sonepat	0	465	465	425	40	0	0	0	0
Yamuna Nagar	0	647	647	559	88	0	0	0	0
<b>Total</b>	<b>7</b>	<b>5596</b>	<b>5603</b>	<b>4755</b>	<b>832</b>	<b>0</b>	<b>1</b>	<b>15</b>	<b>16</b>

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**CHAPTER 11: HAZARDOUS &  
OTHER WASTE RULES, 2016**

### 11.1 Authorization under Hazardous & Other Waste Rules, 2016

All the industrial units/projects covered under the Hazardous & Other Waste (Management & Trans-boundary Movement) Rules, 2016, require authorization from the Board.

The status of authorization under the Hazardous & Other Rules, 2016 is given as under:-

Region	Applications pending as on 31.03.2020	Applications received during 2020-21	Total Applications received	Decided		Pending			
				Granted	Refused	Under SCN	Not dealt	Pending for decision	Total
Ambala	0	21	21	12	9	0	0	0	0
Bahadurgarh	0	119	119	108	11	0	0	0	0
Ballabgarh	0	284	284	240	44	0	0	0	0
Bhiwani	0	16	16	8	8	0	0	0	0
Dharuhera	0	116	116	99	17	0	0	0	0
Faridabad	0	139	139	139	0	0	0	0	0
Gurugram (N)	0	249	249	182	67	0	0	0	0
Gurugram (S)	0	345	345	286	59	0	0	0	0
Hisar	0	48	48	36	12	0	0	0	0
Kaithal	0	33	33	23	10	0	0	0	0
Karnal	0	51	51	51	0	0	0	0	0
Kurukshetra	0	23	23	19	4	0	0	0	0
Nuh	0	18	18	16	2	0	0	0	0
Palwal	0	60	60	44	16	0	0	0	0
Panchkula	0	52	52	30	22	0	0	0	0
Panipat	1	81	82	77	3	0	0	2	2
Sonepat	0	307	307	249	58	0	0	0	0
Yamuna Nagar	0	84	84	72	12	0	0	0	0
<b>Total</b>	<b>1</b>	<b>2046</b>	<b>2047</b>	<b>1691</b>	<b>354</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>

### 11.2 Status of units registered for recycling/re-processing of Hazardous Waste

Region	Total no. of Authorized		Total Quantity
	Recycler	Utilizer	
Ambala	1	0	450 MTA
Bahadurgarh	Zinc Bearing Residue – 5	0	5742MTA
	Lead bearing waste including battery waste – 34	0	54728MTA
	Re-refining of used oil-29	0	38878KLA
Dharuhera	3	0	17396 MTA
Gurugram (N)	0	0	0
Gurugram (S)	0	0	0
Hisar	26	15	75576.93
Kaithal	21	15	36
Karnal	10	6	Recycler – 83995.65 MTA Utilizer – 9535.12 MTA
Palwal	0	0	0
Nuh	0	0	0
Panchkula			
Sonepat	18	0	Recycler-131104MTA
Yamuna Nagar	10	0	16150
Faridabad	0	0	0
Panchkula	8	8	36058 MTA
Panipat	0	0	0
Total			

### 11.3 Status of units authorized as traders for import of Hazardous Waste

Every trader desirous of importing other wastes such as Metal scrap, paper waste etc. as listed in Part D of Schedule III of Hazardous & Other Waste (M&TM) Rules, 2016, may make an application in Form 16 to the State Pollution Control Board for their authorization which is granted on one time basis and the registered traders are required to submit details of such imports and particulars of the actual users along with quantities to the concerned State Pollution Control Board or Pollution Control Committees on a quarterly basis.

There are total 192 No. of units authorized as Traders for import of other waste, listed in Part-D of Schedule-III on behalf of the Actual users.

#### 11.4 Status regarding Receipt and Disposal of Hazardous Waste in TSDF

A common Hazardous Waste Treatment & Disposal Facility has been developed at Pali, District Faridabad by the Haryana Environment Management Society with the assistance of State Govt. and this Board, and is being operated by M/s Gujarat Enviro Protection and Infrastructure (Haryana) (P) Ltd.

Waste processing capacity of the facility is 25000 MT per annum, including disposal in secured landfill and incineration having incinerator capacity of 12 to 14 tons per day.

The details of hazardous waste received, processed and disposed during the year 2020-21 at the facility, is given as under:-

Description of hazardous waste		Quantity in MT
Quantity in Stock at the beginning of the year	Landfillable	93
	Incinerable	94
Quantity of Hazardous Waste Received	For Landfill	95
	For Incineration	96
Quantity of Hazardous Waste Disposed	Quantity Land filled	97
	Quantity Incinerated	98
Quantity in Stock at the end of the year	Landfillable	99
	Incinerable	100
Cumulative HW disposed in SLF by the end of financial year	SLF	101
	Incinerator	103
Capacity	Incinerator (Kcal)	103
	Incinerator (T/H)	104
	Landfill (MT/A)	105

Annual Report under Hazardous Waste Management Rules

The Annual Report for the year 2020-21 under Hazardous Waste (M&TM) Rules, 2016 showing detail of Hazardous waste generated, recycled, utilized and disposed, is given as under:-

A1.

S. No.	Name of the District	Total Number of HW Generating Industry	Number of units possessing authorization	Number of HW units submitted annual returns	Authorized quantity of Hazardous Waste (Metric Tonne)				Total Quantity	Quantity of Hazardous Waste generated as per Annual Return within the State/UT (MT)				Total Quantity	
					Landfillable	Incinerable	Recyclable	Utilization		Landfillable	Incinerable	Recyclable	Utilization		
				1											
1	Ballabgarh	734	734	734	3667.06	1125.27	590.69	0	5383.02	2325.76	928.5	461	0	3715.26	
2	Rewari	260	260	260	6029	7139	20138	550	33856	4019.8	2672.73	2418.08	410	9520.61	
3	M/garh	6	6	6	0	15	2202.5	0	2217.5	0	1.16	812.47	0	813.63	
4	Karnal	115	115	115	125.7362	371.1307	5.7702	0	502.6371	137.95	144.73	11.2923	0	293.9723	
5	Nuh	51	51	51	150	850	70	31900	32970	82.19	594.899	34.33	6316.626	7028.045	
6	Palwal	134	134	134	1800.62	1000	343	700	3843.62	835.62	812.91	34.33	604.07	2286.93	
7	Jind	39	39	39	17.65	14.22	25100	36610	61741.87	9.52	11.12	11780	15340	27140.64	
8	Kaithal	10	10	10	5	5.265	7380	3260	10650.265	1.01	1.117	5300	1800	7102.127	
9	Bhivani	37	37	37	68.67	0	8.81	0	77.48	68.67	0	8.81	0	77.48	
10	Dadri	8	8	8	0	0	3.2	0	3.2	0	0	3.2	0	3.2	
11	Hisar	81	81	81	363.465	3	52519.37	24	52909.835	82.13	2.08	23842.412	0	23908.622	
12	Sirsa	13	13	13	27.43	0	7500	13540	21067.43	2.45	0	1814.55	0	1817	
13	Fatehabad	18	18	18	29.78	0.27	6800	0	6830.05	19.23	0.25	1012.18	0	1031.66	
14	Panipat	351	351	351	4365.7402	215	3357.7014	0	7938.4416	2521.932	184	2100.6922	0	4806.6242	
15	Gurugram(N)	634	634	634	1366.234	11827.37	2360.775	3651.44	19205.821	118.486	5583.952	1557.15	1012.93	8272.5183	

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16	Jhajjar	213	213	213	484298	239.5	79.29	0	800.1885	226.535	125.15	49.578	0	401
					5					8	1		0	248
17	Rohtak	122	122	122	1304.09	1434.86	222.11	12	2973.06	1816.33	772.57	15.2285	11.75	2615.884
										6				5
18	Gurugram(S)	894	894	894	6238	10096	65121	4868	86323	1430.4	8011.5	3786.69	3264	16492.66
											7		0	
19	Faridabad	249	249	231	1528	738.4	41.13	0	2307.53	991.58	864.41	10.7	0	1866.69
20	Sonipat	705	0	705	47811.0	21288.3	224618.7	0	293.718.15	2587.56	1389.6	6281.136	0	10258.38
					566		91				92			8
21	Kurukshetra	56	56	56	154.001	37.35	219.19	0	410.541	111.74	26.37	149.71	0	287.82
22	Punchkula	130	130	130	308.391	103.4	559.47	0	971.261	67	25	280	0	372
23	Ambala	95	95	95	182.982	4429.185	640.323	0	5252.495	145.48	2927.5	375.67	0	3448.68
											3			
24	Yamuna Nagar	151	151	151	408.496	221.83	20461.3	0	21091.626	157.215	44.02	40.9722	0	242.2072
					42				42					
	Total	5106	4401	5088	76432.8	61154.35	440342.4	95115.	673,045.02	17758.5	25123.	62180.18	28759.	133803.9
					0092	07	206	44	162	958	761	12	376	14

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## CHAPTER 12: E-WASTE RULES, 2016

### 12.1 E-waste (Management) Rules, 2016

The E-waste (Management) Rules, 2016 have been notified by the Ministry of Environment, Forest & Climate Change, Govt. of India with the primary objective to channelize the E-waste generated in the country for environmentally sound recycling which is largely controlled by the un-organized sector who are adopting crude practices that results in higher pollution and less recovery, thereby causing wastages of precious resources and damage to the environment.

Electronic waste or e-waste may be defined as discarded computers, office electronic equipment, entertainment device, electronics, mobile phones, television sets, and refrigerators. This includes used electronics which are destined for reuse, resale, salvage, recycling, or disposal as well as re-usable (working and repairable electronics) and secondary scrap (copper, steel, plastic, etc.). Broadly, it consists of ferrous and non-ferrous metals, plastics, glass, wood and plywood, printed circuit boards, ceramics, rubber and other items. The presence of elements like lead, mercury, arsenic, cadmium, selenium, hexavalent chromium, and flame retardants, beyond threshold quantities, make the e-waste hazardous in nature.

The management of e-waste consists of collection, segregation, refurbishing, dismantling and recycling for recovery of metals, plastic and glass material. The Central Pollution Control Board has issued guidelines for environmentally sound collection, processing, dismantling and recycling of e-waste. The dismantlers and recyclers of e-wastes are required to register their units with the State Pollution Control Boards.

## 12.1 Detail of units Registered for Dismantling &amp; Recycling of E-Waste

Region	Total no. of Authorized		Total Authorized Quantity (MT)	
	Recycler	Dismantler	Recycling	Dismantling
Ambala	0	4	0	693.663
Bahadurgarh	1	3	5000	17440
Ballabgarh	2	0	7818	0
Dharuhera	0	0	0	0
Faridabad	1	1	570	2017
Gurugram (N)	0	0	0	0
Gurugram (S)	3	10	2448	983.672
Karnal	0	0	0	0
Kaithal	1	0	0	0
Kurukshetra	0	0	0	0
Hisar	0	0	0	0
Nuh	2	2	310	310
Palwal	0	0	0	0
YNR	0	0	0	0
Panipat	4	3	0	0
Sonepat	3	4	10547.165	10037.5
Panchkula	0	1	0	3600
<b>Total</b>	<b>27</b>	<b>28</b>	<b>26693.165</b>	<b>35081.835</b>

**12.2 Detail of E-Waste collection as per Annual Report of E-Waste**

Number of authorized manufacturer, refurbisher, collection centre, dismantler and recycler for management of e-waste in the state under e-waste Rules, 2016	44 + (1 Temporary Closed & 1 lying closed its own more than 1 year
Categories of waste collected alongwith their quantities on a monthly average basis	Category-I - 29910.74 MT/month Category-II - 163182.4 MT/ month Others - 39.135 MT/ month
Quantity of CFL received at treatment, storage and disposal facility	1.74925 MT

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## **CHAPTER 13: BIO-MEDICAL WASTE RULES, 2016**

### 13.1 General

Bio-medical Waste (Management) Rules, 2016 were notified by the Ministry of Environment & Forests (MoEF&CC) which apply to all persons who generate, collect, receive, store, transport, treat, dispose or handle bio-medical waste in any form. The 'prescribed authority' for enforcement of the provisions of these rules in respect of all the health care facilities located in State is the State Pollution Control Board.

### 13.2 Status of Authorization under Bio Medical Waste Rules, 2016

Region	Applications pending as on 31.03.2020	Applications received during 2020-21	Total Applications received	Decided		Pending			Total
				Granted	Refused	Under SCN	Not dealt	Pending for decision	
Ambala	0	44	44	36	8	0	0	0	0
Bahadurgarh	0	90	90	74	16	0	0	0	0
Ballabgarh	0	75	75	67	8	0	0	0	0
Bhiwani	0	16	16	8	8	0	0	0	0
Dharuhera	0	112	112	82	30	0	0	0	0
Faridabad	0	156	156	156	0	0	0	0	0
Gurugram (N)	0	243	243	197	46	0	0	0	0
Gurugram (S)	0	43	43	36	7	0	0	0	0
Faisalabad	0	197	197	164	33	0	0	0	0
Kaithal	0	129	129	120	9	0	0	0	0
Karnal	0	146	146	146	0	0	0	0	0
Kurukshetra	0	0	0	0	0	0	0	0	0
Nuh	0	20	20	9	11	0	0	0	0
Palwal	0	51	51	45	6	0	0	0	0
Panchkula	0	33	33	29	4	0	0	0	0
Panipat	0	107	107	105	1	0	0	1	1
Sonepat	0	67	67	59	8	0	0	0	0
Yamuna Nagar	0	62	62	46	16	0	0	0	0
<b>Total</b>	<b>0</b>	<b>1591</b>	<b>1591</b>	<b>1379</b>	<b>211</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>

### 13.3 Service Providers authorized under Bio Medical Waste Rules, 2016

The list of service providers authorized under the Bio Medical Waste Rules, 2016 for treatment & disposal of bio medical waste in Common Waste Treatment & Disposal Facility is given as under:-

Region	Sr. No.	Name & Address of the Unit	Capacity (Kg/Hr.)
Ambala	1.	Rudraksh Enviro Care Pvt., Limited, Village Barogh, Tehsil naraingarh Distt. Ambala	150 kg/hr.
Panchkula	2.	Ess kay Hygienic Service, Vill- Bagwala, District- Panchkula	150 kg/hr.
Faridabad	3.	Golden Eagle waste management, vill. Jasana, Faridabad	Incinerator- 800 kg/day Autoclave – 500 kg/day Shredder- 500 kg/day Any other: i.e. ETP – 5 KLD
Bahadurgarh	4.	M/s S.D. Bio Medical Eagle waste management Co. Vill-Baland Distt.- Rohtak	Incinerator 1(100Kg/h) Autoclave 1(50kg/batch) Shredder-1(50-60kg/h) Sharp encapsulation -1(250 block/moth)
Gurugram(S)	5.	M/s Biotic Waste Ltd formerly knownas Vulcan Waste Management Pvt. Ltd,Plot No-725, Sector-37, Pace City-II,Gurugram	20 TPD
Hisar	6.	Synergy Waste Management Pvt. Ltd., 168, Sec-27-28, HUDA Ind. Area, Hisar	Incinerator: 401.4 KG/day Autoclave: 2016.6KG/day Shredder: 147.7 KG/day
	7.	Invision Enviro Services, Vill. Phulkan, Distt. Sirsa	Incinerator: 143.6 KG/day Autoclave: 73.77 KG/day Shredder: 65.7 KG/day
	8.	Surya Waste Management, Sahuwala Road, Vill. Chadiwal, Distt. Sirsa	Incinerator: 48.4 KG/day Autoclave: 25 KG/day Shredder: 19.31 KG/day
Karnal	9.	Haat Supreme Wastech (P) Ltd., Vill. Bajida Jattan, Karnal	Incinerator- 1680 Kg/day Autoclave – 325 Kg/day Shredder- 120 Kg/day Any other: i.e. ETP – 1200 Ltr/hr
Kaithal	10.	Divya Waste management Co. VPO Kandela, Jind	100 (Kg/Hr.) (incinerator)

## 13.4 Status of Bio Medical Waste Management

Sr. no.	Particulars	Total
1.	Total No. of Health Care Facilities/ Occupiers	6320
I.	Bedded Hospital & Nursing Home (bedded)	3168
II.	Clinics, Dispensaries	2283
III.	Veterinary institutions	74
IV.	Animal Houses	15
V.	Pathology Laboratories	729
VI.	Blood Banks	26
VII.	Clinical Establishment	10
VIII.	Research institutions	12
IX.	AYUSH	3
2.	Total No. of Beds	59005
3.		
I.	Total No. of Occupiers applied for Authorization	5708+455=6320
II.	Total No. of Occupiers Granted Authorization	5703
III.	Total No. of application under consideration	3
IV.	Total No. of application rejected	2
V.	Total No. of Occupiers in operation without applying for authorization	157
4.	Quantity of generation Bio Medical Waste Generation (in Kg/day)	19217
I.	Bio-medical waste generation by bedded hospital (in kg/day)	15883
II.	Bio-medical waste generation by non bedded hospital (in kg/day)	3334.5
III.	Any other	0
5.		
a.	Bio-medical waste treatment & disposal by Common Bio Medical Waste Treatment Facility	0
i.	Number of Common Bio Medical Waste Treatment Facility in operation	0
ii.	Number of Common Bio Medical Waste	0

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Sr. no.	Particulars	Total
	Treatment Facility under construction	
iii.	Total Bio-medical waste treated in kg/day	19217
iv.	Total Bio-medical waste disposed through authorized recycler (in kg/day)	5252.5(out of 19127)
6.	Total number of violation by	52
i.	Healthcare Facilities (bedded and non bedded)	
ii.	Common Bio Medical Waste Treatment Facilities	1
7.	Show Cause Notice/ direction issued to defaulter	0
i.	Common Bio Medical Waste Treatment Facilities	4
ii.	Other	0
8.	Any other relevant information	
i.	Number of workshop/ trainings conducted during the year	86
ii.	Number of occupiers installed liquid waste treatment facility	124
iii.	Number of captive incinerators complying to the norms -	2
iv.	Number of occupiers organized trainings	202
v.	Number of occupiers constituted bio-medical waste management committees	249
vi.	Number of occupiers submitted Annual Report for the previous calendar year	3988
Vii.	Number of occupiers practicing pretreatment of lab micro biology and bio technology waste	933
viii.	Number of Common Bio Medical Waste Treatment Facility that have installed continuous Online Emission Monitoring System	11

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## CHAPTER 14: BATTERIES RULES, 2001

**14.1 General**

Battery or accumulator, means any source of electrical energy generated by direct conversion of chemical energy and includes disposable primary (Alkaline/Mercury/Silver oxide/Zinc Carbon)batteries or rechargeable secondary (Lead Acid/Lithium Ion/Lithium Metal/Nickel Cadmium)batteries or any other battery which is a source of electrical energy and contains (or may produce at end of its life) potassium hydroxide or sodium hydroxide or ammonium chloride or zinc chloride or sulfuric acid or pressurized sulfur dioxide gas or thionyl chloride or magnesium bromide or magnesium perchlorate or mercury or zinc or cadmium or nickel or lithium chloride or any other hazardous material as defined in Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. The Batteries (Management and Handling) Amendment Rules, 2001, apply to every manufacturer, importer, re-conditioner, assembler, dealer, recycler, auctioneer, consumer and bulk consumer involved in manufacture, processing, sale, purchase and use of batteries or components thereof.

**14.2 Status of Registration under Batteries (M & H) Rules, 2001**

1. Number of Manufacturer units	6
2. Number of Assembler units	17
3. Number of Importer units	2
4. Number of Bulk Consumer	33
5. Number of Recycler units	47
6. Number of E- Auctioneers	1

**14.3 Status of dealers & their status of Authorization / Registration**

<b>Region</b>	<b>Number of Units registered</b>
Ambala	0

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Bahadurgarh	45
Dharuhera	18
Gurugram (N)	2
Gurugram (S)	0
Karnal	36
Panchkula	7
Sonepat	6
Yamuna Nagar	6
Faridabad	0
Kaithal	20
Kurukshetra	0
Hisar	0
Palwal	0
Nuh	0
Panchkula	7
Panipat	0
<b>Total</b>	<b>147</b>

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## CHAPTER 15: PLASTICWASTE RULES, 2016

**15.1 General**

Plastic has multiple uses and their physical and chemical properties lead to commercial success. However, indiscriminate disposal of plastic waste has become a major threat to the environment. In particular, the plastic carry bags are the biggest contributors of littered waste and every year, millions of plastic bags end up in the environment vis-a-vis soil, water bodies, water courses, etc and it takes an average of one thousand years to decompose them. Therefore, to address the issue of scientific plastic waste management, the Plastic Waste (Management) Rules, 2016 were notified by the Ministry of Environment, Forest & Climate Change, Govt. of India, which includes plastic waste management.

**15.2 Status of implementation of Plastic Waste Rules, 2016**

Sr. no.	Description	Details and quantity in TPA		
1	Estimated plastic waste generation tons per Annum	185167.9		
2	No. of Plastic manufacturing units (including multilayer, compostable plastic units).	Plastic Unit=63 including Recycler=51	Compostable Plastic Units = 1	Multi layer plastic unit=28
3	Separate Act/Notification issued, if any for management of plastic waste in the state	Complete ban has been imposed on usage of plastic carry bags vide Haryana state Govt. notification 20 Aug 2013.		
4	No. of violations and action taken on non-compliance of provisions of PWM Rules, 2016 as amended (Rule 12)	3097 Challans done for amount Rs.3659430		

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## **CHAPTER 16: SOLID WASTE MANAGEMENT RULES, 2016**

## 16.1 Solid Waste

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**Solid-waste management**, is the collection, treatment, and disposal of solid material that is discarded after it has served its purpose or is no longer useful. Improper disposal of municipal solid waste can create insanitary conditions, and these conditions, in turn, can lead to pollution of the environment and to outbreaks of vector-borne disease—that is, diseases spread by rodents and insects. The tasks of solid-waste management present complex technical challenges. They also pose a wide variety of administrative, economic, and social problems that must be managed and solved.

With the ever increasing population and urbanization, the waste management has emerged as a huge challenge in the country. Not only the waste has increased in quantity, but the characteristics of waste have also changed tremendously over a period, with the introduction of so many new gadgets and equipment.

Urban local bodies in the state of Haryana are doing collection of domestic, trade and institutional food/ biodegradable waste from the doorstep or from the community bin on daily basis. Local bodies are using containerized handcarts/tricycles/ Tractor Trolley / Refuse Compactor or other similar means for the primary collection of waste stored at various sources of waste generation. The solid waste thus collected from households and other sources is transported to Primary Collection Centre (PCC), where, the waste would be primarily segregated i.e. recyclables sorted out by the workers and stored separately. For secondary transportation of solid waste from the Primary Collection Centre (PCC) to the designated processing plant site or sanitary landfill site/ dumping sites, "Dumper Placers with twin bin containers" are provided.

Presently in the State, there are (3 plants in 3 MCs 2500 Composting Pits in 76 MCs), (10 nos. Vermi Composting Facilities), (3 nos Bio Gas Plant) and (3 plant waste to compost +RDF in 3 MCs.). Rejects and residues collected from the above mentioned processes are disposed in dumping sites and further proposed to be processed for energy recovery,

## 16.2 Status of implementation of Solid Waste Management Rules, 2016

### 1. Towns/cities:-

i.	Total number of towns/cities	88
ii.	Total number of ULBs	88
iii.	Number of class I & class II cities/towns	29

### 2. Solid Waste Generation status

i.	Solid waste generation in the state (TPD)	5352.12
ii.	Collected (TPD)	5291.41
iii.	Treated (TPD)	3123.9
iv.	Land filled/Dumped (TPD)	2167.51
v.	Landfill constructed	6
vi.	Landfill in operation	2
vii.	Landfill exhausted	4
viii.	Landfill sites identified	6 Existing and 12 proposed

### 3. Compliance to Schedule I of SW Rules

i.	House-to-house collection	95%
ii.	Segregation	72%
iii.	Covered transportation	84%

### 4. Processing facility under installation / planned

Total 13 Integrated Solid Waste Management clusters have been formed in Haryana. Out of 13 clusters, 2 waste to energy clusters namely Sonapat-Panipat & Gurugram -Faridabad WTE are under implementation. Sonapat-Panipat (700 TPD) waste to energy plant is likely to be commissioned August, 2021. Gurugram-Faridabad plant could not be started due to land constrains. Now, EC has been obtained for Gurugram-Faridabad cluster and land is being reclaimed for setting up of plant. The work of construction of plant is likely to be started by end of 2021 and it will take approximate 18 months for completion.

Remaining 11 clusters are based on open technology and the selected agency to decide the technology.

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## **CHAPTER 17: REDRESSAL OF PUBLIC COMPLAINTS**

17.1 Status of Public Complaints Received and Disposed off

Region	No. of complaints received through			No. of complaints disposed off			No. of pending complaints				
	Hard copy	CM Window	Other online portals	Hard copy	CM Window	Other online portals	Hard copy	CM Window	Other online portals		
Ambala	6	10	4	20	6	10	4	20	0	0	0
Bahadurgarh	32	14	320	366	32	14	320	366	0	0	0
Ballabgarh	0	11	164	175	0	11	164	175	0	0	0
Bhiwani	4	43	3	50	4	43	3	50	0	0	0
Dharuhera	0	9	11	20	0	9	11	20	0	0	0
Faridabad	63	9	362	434	63	9	362	434	0	0	0
Kaithal	25	25	8	58	25	25	8	58	0	0	0
Gurugram (N)	2	2	2	6	2	2	0	4	0	0	2
Gurugram (S)	17	142	312	471	14	140	311	465	3	2	1
Hisar	33	0	35	68	33	0	35	68	0	0	0
Karnal	43	33	0	76	43	33	0	76	0	0	0
Kurukshetra	2	3	2	7	2	3	2	7	0	0	0
Nuh	0	6	0	6	0	6	0	6	0	0	0
Palwal	1	6	0	7	1	4	0	5	0	2	0
Panchkula	10	7	5	22	10	7	5	22	0	0	0
Panipat	0	40	0	40	0	40	0	40	0	0	0
Sonepat	7	17	92	116	7	17	92	116	0	0	0
Yamuna Nagar	4	49	14	67	4	49	14	67	0	0	0
<b>Total</b>	<b>249</b>	<b>426</b>	<b>1334</b>	<b>2009</b>	<b>246</b>	<b>422</b>	<b>1331</b>	<b>1999</b>	<b>3</b>	<b>4</b>	<b>3</b>
											<b>10</b>

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**CHAPTER 18: PUBLIC HEARING  
UNDER EIA NOTIFICATION**

### 18.1 General

Public hearings are held as part of the public inquiry process required under the EIA Notification dated 14.9.2006. This provides interested parties with the opportunity to explain on written submissions and to discuss, inquire issues in a public forum. Persons present at the venue are granted a opportunity to seek information or clarification of the project from the project proponents requiring environmental clearance and all the views and concerns expressed by the participants are recorded and reflected in the proceedings of the public hearing which are considered by the Authorities while deciding the case of granting Environmental Clearance to the project proponents under EIA Notification dated 14.09.2006.

Any organization or person can participate in the process of public hearing, either to speak for submission or simply to observe the proceedings.

### 18.2 Details of the Public Hearings organized by the Board

Name of the Region	Number of projects where public Hearing organized
Ambala	0
Bahadurgarh	3
Dharuhera	0
Gurugram (N)	0
Gurugram (S)	0
Hisar	1
Karnal	1
Kaithal	1
Kurukshetra	0
YMN	1
Panipat	4
Sonepat	2
Faridabad	0
Palwal	0
Nuh	0
Panchkula	2
<b>Total</b>	<b>15</b>

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## **CHAPTER 19: RIGHT TO INFORMATION ACT, 2005**

## 19.1 General

The Right to Information Act (RTI) requires every public authority to computerize their records for wide dissemination and to proactively ascertain categories of information so that the citizens need minimum recourse to request for information formally.

The HSPCB has provided relevant information on the website of the Board i.e. [www.hspcb.gov.in](http://www.hspcb.gov.in) in compliance of section 4 of RTI Act, 2005.

## 19.2 Details of Applications received and disposed

### a) By Regional Offices of the Board

Region	No. of applications			Amount of fee collected (₹)	Amount of fee collected on account of additional documents (₹)
	Received	Disposed off	Under Process		
Ambala	33	33	0	0	0
Bahadurgarh	63	63	0	75	0
Ballabgarh	67	67	0	20	0
Bhiwani	67	67	0	650	858
Dharuhera	68	68	0	1350	0
Faridabad	92	92	0	1260	0
Gurugram (N)	51	51	0	510	200
Gurugram (S)	86	86	0	410	0
Hisar	65	65	0	0	0
Karnal	49	49	0	440	470
Kaithal	97	97	0	0	0
Kurukshetra	8	8	0	0	0
Nuh	29	29	0	100	0
Palwal	42	42	0	200	0
Panchkula	68	68	0	0	200
Panipat	58	58	0	1110	1060
Sonepat	85	85	0	160	150
Yamuna Nagar	103	103	0	630	0
<b>Total</b>	<b>1131</b>	<b>1131</b>	<b>0</b>	<b>6915</b>	<b>2938</b>

**b) By Head Office of the Board**

Total 208 applications under the Right to information Act, 2005 were received in Head Office during the year 2020-21 out of which 5 application were rejected as per section 8 and 9 of the RTI Act 2005. 203 applications were disposed off upto 31.03.2021 during the year 2020-21. ₹1530/- was collected as fee for RTI applications, whereas ₹15968/- was collected on account of charges for providing additional documents to the applicants.

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## **CHAPTER 20: INCOME & EXPENDITURE STATEMENT**

## Detail of Actual Receipts & Expenditure for the Financial Year 2020-21

### 20.1 Detail of Actual Receipts for the Financial year:-2020-21

Sr. No.	Head of Accounts	Actual Receipt (01.04.2020 to 31.3.2021)
1	2	3
	<b>RECEIPTS/INCOME</b>	(Rs. In Lakh)
1	Samples Testing Fee	160.67
2	Consent Fee (Water)	2163.08
3	Consent Fee (Air)	2595.19
4	NOC Fees	478.77
5	Public Hearing	27.76
6	<b>Misc Receipts</b>	
	i) Forfeiture of performance security	53.25
7	Authorization fee/Recognition fee/Appeal fee/Right to Information fee/Misc. receipt	77.33
8	CessReceipts (from G.O.I.)	79.89
9	Interest on deposits	3537.55
10	Refund from Income Tax Department	9186.42
11	Grant-in-Aid from Central Pollution Control Board/NAMP/State	0.00
	<b>TOTAL</b>	<b>18359.91</b>

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**Annual Report 2020-21****20.2 Detail of Actual Expenditure for the Financial year:-2020-21**

Sr. No.	Head of Account	Actual Expenditure (01.04.2020 to 31.3.2021)
1	2	3
	<b>Expenditure</b>	<b>(In Lakh)</b>
<b>(A)</b>	<b><u>SALARIES</u></b>	-
1	<u>Pay and Allowances</u>	5517.07
	(i) Technical/Scientific Staff & Ministerial Staff	
2	<u>Medical Expenses</u>	18.68
	(i) Technical/Scientific Staff & Ministerial Staff	
3	<u>Travelling Allowance</u>	5.64
	(i) Technical/Scientific Staff & Ministerial Staff	
	<b>Sub Total =</b>	<b>5541.39</b>
<b>(B)</b>	<b><u>OFFICE EXPENSES</u></b>	-
1	Office Expenses	1029.20
2	Legal Expenses	51.60
3	Furniture and fixture	9.73
4	Machinery and Equipments	8.19
5	Computerization of Office	52.72
6	Purchase of Vehicles	0.00
7	Income Tax	700.00
<b>(C)</b>	<b>Strengthening of existing laboratory and setting up of additional laboratory/Library Books</b>	0.00
	i) Purchase of CAAQMS	60.00
<b>(D)</b>	<b>Equipment for Ambient Air Monitoring &amp; stack monitoring Kit</b>	0.00

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(E)	Development /Extension Activities (advertisement publicity on environment awareness, research & development, Seminar training)	107.52
(F)	Financial Assistance for Environmental Improvement Projects.	0.00
(G)	Construction of Building/	2184.64
(H)	Eco Clubs/Env. Awareness	
	I. Govt. of India/State govt.	0.00
	II. HSPCB	0.00
	Sub Total =	4143.60
(I)	Loans and Advances to Staff	3.54
	Sub Total =	3.54
(J)	C.M Relief Fund(Donation)	50.00
	Grand Total	
	(A+B+C+D+E+F+G+H+I+J)	9688.53

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**HARYANA STATE POLLUTION CONTROL BOARD,  
C-11, SECTOR 6, PANCHKULA (HARYANA)  
WEBSITE: [hspcb.gov.in](http://hspcb.gov.in)**