



**Haryana State Pollution Control Board**

**Annual Report**  
**2014-15**

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### Introduction

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The Haryana State Pollution Control Board (HSPCB) is a statutory authority entrusted 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 19.9.1974 initially for Prevention and Control of Water Pollution and maintaining or restoring wholesomeness of water. The State Pollution Control Board 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. The State Pollution Control Board was also given additional responsibilities under Air (Prevention and Control of Pollution) Act, 1981 to take appropriate steps for preservation of quality of Air and Control of Air Pollution. The Board was subsequently given the responsibility of implementing a series of other environmental Acts and Rules, either directly or indirectly.

### **Various Environmental Acts and Rules**

**1. The Water (Prevention and Control of Pollution) Act, 1974, amended in 1988 and Rules made there under:**

The Act provides (i) for the prevention and control of water pollution and for maintaining & restoring the wholesomeness of water, (ii) for the establishment of Boards for the prevention and control of water pollution, and (iii) for conferring on and assigning to such Boards the powers and functions relating thereto and for matters connected therewith.

**2. The Water,(Prevention and Control of Pollution) Cess Act, 1977, amended in 1992, 2003 and Rules made there under;**

The Act aims to provide for the levy and collection of cess on water consumed by persons carrying on certain industries and by local authorities, with a view to augment the resource of the Central Board and the State Boards for the prevention and control of water pollution constituted under the Water Act.

**3. The Air (Prevention and Control of Pollution ) Act, 1981, amended in 1987 and Rules made there under:**

The prime objective of the Act is to provide (i) for the prevention, control and abatement of air pollution, (ii) for the establishment of Board, and (iii) for the conferring on and assigning to such Boards powers and functions relating thereto and for matters connected therewith.



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**4. The Environment (Protection) Act, 1986, amended in 1991 and Rules made there under:**

The Act intends to provide for the overall protection and improvement of the environment.

**5. The Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.**

These Rules demands that the various categories of hazardous waste, as mentioned in the Rules and generated are properly stored, treated and disposed of, to ensure that the handling of such waste does not cause any ecological disturbance & damage to the Environment.

**6. The Manufacture, Storage and Import of Hazardous Chemicals rules, 1989, amended in 2000.**

The main intention of these Rules is to impose restriction on the manufacture and storage of hazardous chemicals, as well as to control the import of hazardous chemicals, which are not permitted to import under this Rule.

**7. The Biomedical Waste (Management and Handling) Rules, 1998, amended in 2003.**

These Rules aims for the management, handling and safe disposal of Biomedical Waste generated from health care establishments, in environmentally sound manner to ensure that handling of such waste does not cause any damage to the Environment & danger to living creatures.

**8. The Plastics Waste (Management and Handling) Rules, 2011.**

These Rules was notified to lay down the conditions on the manufacture, stocking distribution, sale and uses of plastics carry bags, sachets and containers and plastic waste management including Recycling recovery or disposal of plastic waste.

**9. The Municipal Solid Waste (Management & Handling) Rules, 2000.**

The main thrust of these Rules is for implementation of the provision of these rules in prescribed schedule by the Concerned Authorities and for any infrastructure development for collection, storage, segregation, transportation processing and final disposal of Municipal Solid Waste in Environmentally sound manner so as to prevent contaminations of ground water, surface water and ambient Air quality.

**10. The Noise Pollution (Regulation and Control) Rules, 2000 amended in 2006.**

These Rules intends to regulate and control Noise-producing and noise-generating sources. Rules relating to Noise Pollution Control notified under Environment (Protection) Rules, 1986. These rules categorize the areas & zones for application of standards in respect of noise depending upon the category of area by restricting the use of noise generating sources to maintain the ambient air quality standards in respect of noise for different areas / zones.

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**11. The Batteries (Management and Handling) Rules, 2001.**

These Rules deal with the import, Manufacture, assembling, sale & use of lead acid batteries as well as storage, collection reconditioning and recycling of used lead Acid Batteries and their components, in an environmentally sound & safe manner so that no damage is caused to environment for the management and handling of used batteries.

**12. The Ozone Depleting Substances (Regulation and Control) Rules, 2001.**

The Rule aims for regulating the ozone depleting substances.

**13. The Public Liability Insurance Act, 1991, amended in 1992 and Rules made there under;**

The Act aims at providing immediate relief to the persons affected by accident occurring while handling & use of any hazardous substances beyond thresh hold limits prescribed under the Act.

### About Haryana State Pollution Control Board

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#### 1.2 Composition of the Board

The 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 provides the power to the State Government to constitute the State Pollution Control Board in the respective states. 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 as also some persons represents the interest of agriculture, fishers or industry or trade.

Chairman of the Board during the year 2014-15:

Sr. No.	Name	Period
1	Dr. Mahavir Singh, IAS	up to 23.07.2014
2	Prof. Surinder Deswal	24.07.2014 to 09.12.2014
3	Sh. Amit Jha, IAS	10.12.2014 to 18.12.2014
4	Dr. Avtar Singh, IAS	19.12.2014 to 19.02.2015
5	Sh. Anurag Rastogi, IAS	20.02.2015 onwards

The composition of the Board during the year 2014-15, as per Notification Endst. No. 2/22/2008-1E dated 23.12.2011 issued by the Environment Department Government of Haryana was as follows:-

#### Official Members

1.	Sh. Anurag Rastogi, IAS	Chairman
2.	Sh. Ajay Kadian, IFS	Member Secretary
3.	Director, Urban Local Bodies, SCO No. 6-7, Sector 17-B, Chandigarh.	Member
4.	Principal Chief Conservator of Forest, Haryana, Panchkula.	Member
5.	Transport Commissioner, Haryana 30-Bays Building, Chandigarh.	Member

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|----|--|--------|
| 6. | Public Health Engineering Department,<br>Haryana, Panchkula.   | Member |
| 7. | Managing Director,<br>Haryana State Industrial & Infrastructure<br>Development Corporation, Panchkula. | Member |

### Members from the Local Authorities

- |    |  |        |
|----|--|--------|
| 1. | Ms. Veena Deswal, Chairperson, Zila Parishad, Jind,<br>H.No.2642 Urban Estate Jind.                      | Member |
| 2. | Sh. Ashok Arora,<br>Mayor, MC, Faridabad.  | Member |
| 3. | Sh. Jitender Bhardwaj,<br>S/o Sh. Subhash Chand,<br>M-39, Old DLF, Near Sec-14, Gurgaon.                 | Member |
| 4. | Sh. Surinder Lal Prajapat,<br>Vice Chairman, MC Dharuhera, Faridabad,<br>H. No. 1016, Sec-15, Faridabad. | Member |

### Members from Agriculture, Fishery, Industry and Trade etc.

- |    |   |        |
|----|---|--------|
| 1. | Sh. Suresh Gupta, M.C. Rohtak,<br>S/o Sh. Shivji Mal,<br>H.NO. 1302/9, Bawara Chowk, Rohtak | Member |
| 2. | Arvind Kapoor, MD,<br>Richo Auto Industries, 33 KM Stone, Delhi-Jaipur Highway,<br>Gurgaon. | Member |
| 3. | Sh. Sunil Rao,<br>H.No444, Sector-3, Urban Estate, Rewari.                                  | Member |

### Members from Corporations and Companies

- |    |   |        |
|----|---|--------|
| 1. | Managing Director, HSIIDC, Panchkula.                       | Member |
| 2. | Managing Director,<br>Haryana Power Generation Corporation. | Member |



**Staff Strength of Haryana State Pollution Control Board**

Sr. No.	Name of the Post	Sanctioned Strength	Filled up	Vacant
<b>Class-I</b>				
1	Chairman	01	01	-
2	Member Secretary	01	01	-
3	Env. Engineer	16	13	03
4	Scientist 'C'	06	05	01
5	District Attorney	01	01	-
<b>Class-II</b>				
1	Sr. Accounts Officer	01	-	01
2	Asstt. Distt. Attorney	03	01	02
3	Scientist 'B'	11	09	02
4	Asstt. Env. Engineer	33	29	04
5	Tehsildar	01	01	-
6	Registrar	01	01	-
7	Superintendent	03	02	01
8	Private Secretary	01	01	-
<b>Class-III</b>				
1	S.O. (Accounts)	01	01	-
2	Statistical Assistant	02	-	02
3	Sr. Scientist Asstt.	04	03	01
4	Jr. Scientist Asstt.	06	02	04
5	Personal Asstt.	01	01	-
6	Jr. Env. Engineer	11	06	05
7	Sr. Scale Stenographer	03	02	01
8	Assistant	19	19	-
9	Accountant	04	03	01
10	Junior Programmer	02	02	-
11	Jr. Scale Stenographer	02	01	01
12	Accounts Clerk	02	-	02



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13	Steno-Typist	13	-	13
14	Clerk	30	25	05
15	Driver	17	13	04
16	Lab Attendent	04	04	-
<b>Class-IV</b>				
1	Daftri	01	01	-
2	Senior Peon	02	02	-
3	Peon	30	12	18
4	Mali-cum-Chowkidar	03	03	-
5	Field Attendant	10	06	04
6	Sweeper	01	01	-
	<b>Total</b>	<b>247</b>	<b>172</b>	<b>75</b>

## **Activities & Infrastructure of the Board**

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### **4.1 Mandated activities of the Board**

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

- To plan comprehensive programme 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 disseminated 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;



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- To advise 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 regulation 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 it's mandated activities and acted as a promoter, providing financial assistance for controlling pollution in Government Department.

### 4.2 Infrastructure of the Board

The Board is headed by a Chairman with its head quarters at Panchkula. There are 12 Regional offices in the State located at Dharuhera, Ballabgarh, Gurgaon (North), Gurgaon (South), Faridabad, Bahadurgarh, Sonapat, Panipat, Panchkula, Hisar, Yamuna Nagar & Jind. The Board has established four laboratories of its own at Panchkula, Gurgaon, Faridabad, & Hisar for carrying out the work of collection & analysis of different types of sample of effluents/ water and air emissions sample from various industries/project of the state.

### 4.3 Functional Structure of the Board

The Board functions through its Engineering wing, scientific wing, Legal Wing, Administration wing, Accounts wing and Information Technology Cell. The Engineering wing is headed by Environmental Engineers and is mainly involved in implementing various environmental statutes in the State of Haryana including monitoring work and redressing public complaint.

The Scientific wing, headed by Scientists, is looking after the Board's four Laboratories and is also involved in various environmental monitoring projects as well in the implementing various Environmental statutes.

The Legal wing, headed by the District Attorney, is looking after the legal aspects and representing the Board at different Courts of law.

The Administrative wings are managing the administrative and personal matters.

The Accounts wing manages the accounts and finance related issues of the Board.



### **Regulation of Plastic Carry Bags**

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Vide Notification No. 2/8/2013-R-II dated 20<sup>th</sup> August, 2013 issued by Urban Local Bodies Department, Haryana Government prohibited the manufacture, distribution, stock, sale and use of plastic carry bags in the State and the use of all types of plastic articles such as plates, cups, tumblers, spoons, forks and straw has been banned in the following areas having special historical, religious, ecological significance:

- (i) Municipal Limits of Thanesar and Kurukshetra Towns.
- (ii) All Wildlife Sanctuaries and National Parks of Haryana.
- (iii) Gram Panchayat, Morni.
- (iv) Precincts of Mansa Devi Temple, Panchkula and Sheetla Mata Temple, Gurgaon.

Authorities have been prescribed for effective implementation of the Notification viz District Magistrate, Additional District Magistrate, District Development and Panchayat Officer, Sub-Divisional Magistrate, City Magistrate, Executive Engineer, Public Health Engineering Department, District Food and Supplies Controller, District Town Planner, Estate Officer, Haryana Urban Development Authority, Block Development and Panchayat Officer, Tehsildar and Naib Tehsildar, Assistant Environmental Engineer/ Scientist-B, Haryana State Pollution Control Board, Executive Officer/Secretary, Municipal Council/Committee.

Regular checkings has been conducted by the officers of the HSPCB and other authorized officers as per provisions of the notification and challans were issued against the violators of the above said notification issued by Govt.

Cloth/Jute bags were distributed among the general public on various occasions at the District Head Quarters to discourage the use of plastic carry bags among the general public. This has spreaded a positive message amongst the masses including school children, to stop the use of plastic carry bags.

### Action Plans / Projects for Abatement of Pollution

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#### 1. Status of implementation of Action plan for critically polluted area of Panipat & Faridabad

Ministry of Environment & Forest, Govt. of India got carried the study during year 2009 of 88 industrial clusters in the country to find out the status about pollution level of these clusters. The study was carried out by Central Pollution Control Board and IIT Delhi and out of 88 clusters, Panipat Industrial Cluster and Faridabad Industrial Clusters were identified as Critically Polluted areas based on the Comprehensive Environmental Pollution Index score. The Ministry of Environment of Forest directed respective State Pollution Control Board to prepare the action plan for improving the Environment quality of these industries clusters. Accordingly HSPCB prepared the action plan for Panipat and Faridabad Towns as per guideline issued by CPCB. Action plans were reviewed and approved by MoEF, GOI based on inputs received from CPCB.

As suggested by CPCB, Govt. of Haryana constituted the State Level Committee under the Chairmanship of Chief Secretary to Govt. of Haryana for reviewing the progress of implementation of the Action Plan of Faridabad and Panipat Towns vide Notification no. 16/12/2011-3E dated 30.12.2011 and also constituted District Level Committees vide Notification no. 16/12/2011-3E dated 19.01.2012 for regular follow up of implementation of action plans of critically polluted area of Faridabad and Panipat Towns. All the stake holders responsible for the implementation of Action Plan has been directed for implementation of the same as prescribed time lines.

Last meeting of the State Level Committee was held under the Chairmanship of Chief Secretary to Govt. of Haryana on dated 16.02.2015 to review the progress for Action Plan for abatement of Pollution for critically polluted areas of Panipat & Faridabad. HSPCB is conducting meetings at the Level of Deputy Commissioner for abatement of Pollution in Panipat and Faridabad Towns.

District levels committee is regularly holding meetings to monitor the progress regarding implementation of action plans of Panipat and Faridabad.

#### 2. Shifting of Dyeing Units of Panipat from Non-conforming Area to Approved Industrial Area developed by HUDA.

The major problem of Panipat town was pollution caused by textile dyeing units located in residential areas. Earlier, Textile dyeing units were discharging polluted effluent in Panipat drain or in Cess Pools resulting in degradation of environment. Accordingly, the matter regarding shifting of dyeing units was taken up in the meeting of Environment Protection Council in the year 2001. As per the decision taken in the Environment Protection Council, Haryana Urban Development Authority was made nodal agency for planning & development of infrastructure for Sector-29, Part-II for shifting of dyeing units from residential area. As per



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the survey conducted by a team of officers comprising of SDM Panipat, Regional Officer, Haryana State Pollution Control Board, Panipat and GMDIC Panipat, 494 units were identified which were located in residential areas and non confirming areas of Panipat and were required to be shifted to an approved industrial Estate having common effluent treatment plant (CETP).

Haryana Urban Development Authority (HUDA) prepared a project for shifting of all these textile dyeing units which were located in residential and non confirming areas to an approved industrial area in Sector-29, Part-II, Panipat. Accordingly, industries were persuaded to shift to industrial. Estate, Sector-29, Part-II. Haryana Urban Development Authority has already set up one Common Effluent Treatment Plant of 21 MLD capacity in the first phase for treatment of combined effluent of textile dyeing units which have been shifted in the Industrial Estate, Sector-29, Part-II. Common Effluent Treatment Plant was receiving approx. 20 MLD effluent during 2014-15 for treatment and has reached almost to its full capacity. There is a proposal of Haryana Urban Development Authority for installation of second unit of Common Effluent Treatment Plant of 21 MLD capacity.

**Progress and status regarding shifting of dyeing units of Panipat form residential/ non-conforming areas to approved Industrial area of sec- 29 part – II ,Panipat**

a) Number of plots allotted by HUDA	498
b) NOC applied	354
c) NOC granted	318
d) No. of units started production	233

### **3. Inter State Pollution matter:-**

#### **a) Interstate pollution caused by Bhiwadi Industries Area Rajasthan in Dharuhera Region of Haryana.**

The Bhiwadi Industrial Area developed by Rajasthan Industrial Infrastructure Corporation (RIICO) is just 2 KM from Dharuhera town in Haryana. Partially treated/ untreated trade effluent of Bhiwadi Industrial Area alongwith sewage effluent of Bhiwadi town is travelling towards Haryana territory by natural gradient. RIICO has installed CETP and now installed 4 MLD Sewage Treatment Plant (STP) but these are not adequate and moreover there is no proper disposal of effluent coming from Rajasthan as it flows towards Haryana affecting Dharuhera Area. The matter regarding pollution from Bhiwadi industrial area has been taken up with Central Pollution Control Board being interstate Pollution problem from time to time. During rainy season untreated effluent from open channel of Bhiwadi Industrial Area reaches Haryana territory and also pollute the subsoil water.

Accordingly Haryana state Pollution Control Board, has requested the Central Pollution Control Board to issue necessary directions to Rajasthan State Pollution Control Board to take effective steps to control pollution from Bhiwadi Industrial area as the same is effecting Haryana territory.

#### **b) Interstate pollution caused by Parwanoo & Kala Amb Industrial Area of Himachal Pradesh & Punjab**

Untreated/ Partially treated effluent is being discharged from Parwanoo Industrial Area & Kala Amb Industrial Area of Himachal Pradesh alongwith untreated sewage effluent from these areas in river Kaushalya and Markanda respectively which ultimately affects the

water quality of river Ghaggar adversely. The matter regarding pollution from Himachal Pradesh was taken up with the Central Pollution Control Board from time to time being interstate pollution problem. The results of water samples of river Markanda and Jattanwala Nallah collected by Haryana State Pollution Control Board from time to time reveal that the BOD value has been reported to be as high as 510 milligram per litre in Jattanwala Nallah which is far beyond the permissible limits. The Jattanwala Nallah joins Markanda river and the BOD value in river Markanda after meeting Jattanwala Nallah is 145 milligram per litre against the permissible limit of 3.0 milligram per litre. Government of Himachal Pradesh has been requested to intervene in the matter and to issue necessary instructions to the Himachal Pradesh Pollution Control Board to take necessary action against the polluting industries in Kala Amb.

**c) Interstate pollution problem of river Yamuna due to discharge of partially treated/ untreated effluent of Delhi**

The water quality of river Yamuna when it passes through the State of Haryana upto Haryana Delhi Border at Village Palla remains well within the permissible limits as the BOD value ranges from 1.4 to 2.8 milligram per litre against the permissible limit of 3.0 milligram per litre. River Yamuna is getting polluted due to discharge of untreated /partially treated effluent from 22 drains of Delhi and one drain of Uttar Pradesh in river Yamuna in Delhi territory. As a result of this, the water of river Yamuna became highly polluted as the BOD ranges from 35 to 43 milligram per litre against the permissible limit of 3.0 milligram per litre. The matter has been taken up with the Central Pollution Control Board and the Ministry of Environment & Forests, Government of India from time to time being interstate pollution problem.

The matter regarding pollution in river Yamuna is pending in Hon'ble Supreme Court in the matter of WP (c) No. 725/94 "And Quiet Flows the Maily Yamuna". The Hon'ble Apex Court has constituted a Committee under the Chairmanship of Secretary, Ministry of Environment & Forests to look into the matter regarding possibility of constructing a master drain in Delhi territory through which waste from all drains could be discharged and the master drain will take the entire waste to join the Agra Canal. In the Committee, Chief Secretaries of State of Haryana & Uttar Pradesh, CEO Delhi Jal Board, Member Secretary CPCB, Commissioner, MCD, Vice Chairman DDA, Additional Secretary, Ministry of Water Resources, Senior Representative of NCT of Delhi & Directors of two IITs of Delhi & Roorkee are members. This Committee has constituted a Technical Sub-Committee. Three meetings of Technical Sub-Committee have been held wherein the report prepared by both IITs regarding construction of parallel drain on the right side of river Yamuna have been proposed which will carry effluent of all the drains and will join Agra Canal downstream of river Yamuna. The State of Haryana has sent the comments to the Member Secretary, Central Pollution Control Board and two Directions of IITs i.e. Delhi & Roorkee that no untreated/partially treated effluent from any drain in Delhi territory be discharged in the proposed master drain which shall meet Agra canal near Okhla bridge and the water of master drain must comply with standards of water bodies. The matter is still pending in Hon'ble Supreme Court.



### Waste Minimization

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#### (i) Clean and Advance Technology for waste Minimization

Clean Technology is an emerging field. Many industries have adopted clean technologies in the State to minimize the generation of pollutants right at the source, which is best option in the environment management. The end of pipe treatment is a costlier and cumbersome process. The category of industries which have adopted clean technology are electroplating, distillery, oil refining, used oil, basic drugs, textile dyeing etc.

#### (ii) Zero Discharge

All the eight distillery units of Haryana installed Reverse Osmosis / Nano filtration/multiple effect evaporation system for achieving zero discharge in compliance of the directions of three members High Powered Committee constituted by Hon'ble Supreme Court of India. The Ministry of Environment & Forests, Govt. of India had appreciated the efforts of HSPCB for ensuring zero discharge in distillery units which are highly polluting in nature. The list of distillery units operating in Haryana State is given as under :-

Sr. No.	Name & address of the unit
1	N.V. Distilleries Ltd., Village Badholi, Tehsil. Naraingarh, Distt Ambala
2	M/s Haryana Organics, 4 <sup>th</sup> KM Stone, Chulkana road, Samalkha, Panipat
3	M/s Panipat Co-operative Sugar Mills (Distillery Unit), Gohana road, Panipat
4	M/s Frost Falcon Distilleries Ltd., Vill- Jahri, Sonapat
5	M/s Ashoka Distillires & Chemicals Pvt Ltd., Gehlab Road, Hathin, Palwal
6	M/s Associated Distilleries Ltd., Bye Pass Road, Hisar
7	M/s Haryana Distillery, 45, Industrial Area, Distt. - Yamuna Nagar
8	M/s Piccadily Distillery, Bhadson, Indri, Karnal

Most of the distilleries which were using molasses as raw material has converted in to grain base distillery process.

Most of the construction and area development projects have adopted the zero liquid discharge concept by utilizing their trade/sewage effluent for horticulture purpose within their premises and for other utilities.

**Action taken against the defaulting units****8.1 Closure Action**

The Board is taking closure action under section 33-A of Water (Prevention & Control of Pollution) Act, 1974, under section 31-A of Air (Prevention & Control of Pollution) Act, 1981 & under section 5 of Environment (Protection) Act, 1986 against the units which are not meeting the standards prescribed under EPA Rules, 1986 for the discharge of pollutants or failed to obtain consent to operate under Water Act, 1974/Air Act, 1981.

The details of Closure Orders issued against the defaulting units due to non compliance under above said Acts are 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 Act	Total No. units issued of closure order
Bahadurgarh	0	2	6	16	24
Ballabgarh	0	6	6	20	32
Dharuhera	0	2	23	30	55
Faridabad	0	7	12	17	36
Gurgaon (North)	0	4	2	11	17
Gurgaon (South)	0	12	6	7	25
Hisar	0	0	12	18	30
Jind	3	0	51	0	54
Panchkula	24	0	5	15	44
Panipat	2	19	8	28	55
So nepat	0	6	10	35	51
Yamuna Nagar	0	5	10	24	39
<b>Total</b>	<b>29</b>	<b>63</b>	<b>149</b>	<b>221</b>	<b>462</b>

The list is given at Annexure-I

## Annual Report 2014-15

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### 8.2 Legal Action

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

The status of court cases is given as under:-

#### (A) New Cases Filed :

Region	No. of Court Cases filed under EP Act	No. of Court Cases filed under Water Act	No. of Court Cases filed under Air Act	No. of Court Cases filed under Water & Air Act
Bahadurgarh	0	1	0	0
Ballabgarh	1	0	0	1
Dharuhera	6	0	1	0
Faridabad	1	10	0	0
Gurgaon (North)	1	1	1	0
Gurgaon (South)	92	0	0	0
Hisar	0	0	1	0
Jind	5	0	0	0
Panchkula	0	0	0	0
Panipat	0	0	0	0
Sonepat	2	1	0	0
Yamuna Nagar	0	0	0	0
<b>Total</b>	<b>108</b>	<b>13</b>	<b>3</b>	<b>1</b>

The list is given at Annexure-II

## Annual Report 2014-15

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(B) Cases Decided:

Region	No. of Court Cases decided under EP Act	No. of Court Cases decided under Water Act	No. of Court Cases decided under Air Act
Bahadurgarh	2	1	3
Baliabgarh	2	0	1
Dharuhera	3	1	10
Faridabad	0	0	0
Gurgaon (North)	16	1	1
Gurgaon (South)	50	0	0
Hisar	1	0	0
Jind	0	0	8
Panchkula	4	1	18
Panipat	4	0	1
Sonepat	1	0	0
Yamuna Nagar	1	0	0
<b>Total</b>	<b>84</b>	<b>4</b>	<b>42</b>

The list is given at Annexure-III



## Annual Report 2014-15

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(C) Cases Pending in Special Environment Courts:-

Region	No. of Cases Pending under EP Act/ Water Act/ Air Act
Bahadurgarh	42
Ballabgarh	11
Dharuhera	35
Faridabad	49
Gurgaon (North)	151
Gurgaon (South)	377
Hisar	7
Jind	60
Panchkula	19
Panipat	19
Sonepat	7
Yamuna Nagar	18
<b>Total</b>	<b>795</b>

The list is given at Annexure-IV

**Grossly Polluting & Highly Polluting 17 Category Industries**

**9.1 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) has been categorized as grossly polluting units. In 1993-94, CPCB initiated identification of industries along the rivers to control industrial discharges into rivers.

The National River Conservation Authority (NRCA) in its meeting dated July 12, 1997 directed to install the requisite effluent treatment systems in industries located on the bank of water-bodies.

In compliance of above, CPCB issued directions under Section 18(1) (b) of The Water Act, 1974, to all the SPCBs/PCCs on July 14, 1997, for inventorization of GPIs and initiating action against the defaulting industries.

The details of Grossly Polluting Industries is given as under:-

Region	No. of Grossly Polluting Industry
Bahadurgarh	69
Ballabgarh	11
Dharuhera	12
Faridabad	20
Gurgaon (North)	51
Gurgaon (South)	3
Hisar	6
Jind	10
Panchkula	7
Panipat	13
Sonepat	106
Yamuna Nagar	9
<b>Total</b>	<b>317</b>

The list is given at Annexure-V

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### 9.2 Highly Polluting 17 Category Industries

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

CPCB selected 18 Categories of major polluting industries and after discussion 17 Categories of highly polluting industries were finalized for regular follow up through CPCB as under:-

Aluminium Smelting, Basic Drugs & Pharmaceuticals Manufacturing, Chlor Alkali/ Caustic Soda, Cement (200TPD and above), Copper Smelting, Dyes and Dye Intermediate, Fermentation (Distillery), Fertiliser, Integrated Iron & Steel, Leather Processing including Tanneries, Oil Refinery, Pesticide Formulation & Manufacturing, Pulp & Paper (30 TPD and above), Petrochemical, Sugar, Thermal Power Plants, Zinc Smelting

The details of Highly Polluting 17 Category Industries is given as under:-

Region	No. of Highly Polluting 17 category Industries
Bahadurgarh	27
Ballabgarh	11
Dharuhera	1
Faridabad	2
Gurgaon (North)	1
Gurgaon (South)	3
Hisar	6
Jind	6
Panchkula	10
Panipat	9
Sonepat	23
Yamuna Nagar	17
<b>Total</b>	<b>116</b>

The list is given at Annexure-VI



### Awareness Programmes

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The awareness programmes were organised during the year 2014-15 at different places in the state of Haryana for creating awareness on various Environmental issues.

The status of awareness programmes region wise organised during the year 2014-15 is given as under:-

Region	No. of Awareness Programmes Organised
Bahadurgarh	5
Ballabgarh	3
Dharuhera	10
Faridabad	4
Gurgaon (North)	3
Gurgaon (South)	4
Hisar	5
Jind	3
Panchkula	3
Panipat	4
Sonepat	2
Yamuna Nagar	3
<b>Total</b>	<b>49</b>

The list is given at Annexure-VII

**Industries/ Projects Installed New and Modified/Upgraded Effluent Treatment Plant/ Air Pollution Control Measures/ Sewage Treatment Plant during the year 2014-15**

**11.1 Effluent Treatment Plants/Sewage Treatment Plants**

All the polluting industrial units/projects generating trade effluent and domestic effluent (more than 10 KLD) are required to install ETP/STP for treating the effluent generated from the process/sewage simultaneously during the commissioning of the unit.

11.1.1 The status of new ETPs/STPs installed by industrial units/projects is given as under:-

Region	No. of Industries/ Projects Installed New ETP/STP
Bahadurgarh	11
Ballabgarh	11
Dharuhera	12
Faridabad	13
Gurgaon (North)	25
Gurgaon (South)	20
Hisar	18
Jind	2
Panchkula	8
Panipat	47
Sonepat	50
Yamuna Nagar	21
<b>Total</b>	<b>238</b>

The list is given at Annexure-VIII

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### 11.1.2 Industries/ Projects Modified/Upgraded ETPs/STPs

Region	No. of Industries/ Projects Modified ETP/STP
Bahadurgarh	16
Ballabgarh	12
Dharuhera	10
Faridabad	6
Gurgaon (North)	13
Gurgaon (South)	42
Hisar	6
Jind	0
Panchkula	1
Panipat	81
Sonepat	43
Yamuna Nagar	14
<b>Total</b>	<b>244</b>

The list is given at Annexure-IX



## Annual Report 2014-15

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### 11.1.3 STPs / CETPs in the Towns

Region	No. of New STPs / CETPs installed in the Towns
Bahadurgarh	1
Ballabgarh	0
Dharuhera	3
Faridabad	1
Gurgaon (North)	0
Gurgaon (South)	1
Hisar	9
Jind	0
Panchkula	14
Panipat	4
Sonepat	8
Yamuna Nagar	9
<b>Total</b>	<b>50</b>

The list is given at Annexure-X

## Annual Report 2014-15

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### 11.2 Air Pollution Control Measures

11.2.1 All the polluting industrial units/projects having source of air emissions are required to install APCM for controlling the particulate matter and gaseous emissions generated from the stacks attached with the source of pollution and fugitive emission.

The status of new APCM installed by industrial units/projects is given as under:-

Region	No. of Industries/ Projects Installed New APCM
Bahadurgarh	5
Ballabgarh	10
Dharuhera	10
Faridabad	0
Gurgaon (North)	3
Gurgaon (South)	4
Hisar	49
Jind	4
Panchkula	11
Panipat	31
Sonepat	75
Yamuna Nagar	37
<b>Total</b>	<b>239</b>

The list is given at Annexure-XI

## Annual Report 2014-15

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### 11.2.2 Detail of Industries Modified/Upgraded APCM

Region	No. of Industries/ Projects Modified/Upgraded APCM
Bahadurgarh	6
Ballabgarh	2
Dharuhera	43
Faridabad	0
Gurgaon (North)	0
Gurgaon (South)	1
Hisar	3
Jind	1
Panchkula	1
Panipat	0
Sonepat	4
Yamuna Nagar	0
<b>Total</b>	<b>61</b>

The list is given at Annexure-XII



**Cess Collection**

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

During the year 2014-15 Cess amount of Rs. 4,91,31,310/- has been collected and the Region wise detail is given as under :-

<b>Name of the Region</b>	<b>Cess Assessed</b>	<b>Cess Collection</b>
Bahadurgarh	3342009	5387890
Ballabgarh	3960885	1757847
Dharuhera	2002370	2322252
Faridabad	1817039	4309991
Gurgaon (N)	2242568	4493128
Gurgaon (S)	1344974	1543305
Hisar	4673152	4458617
Jind	2639204	2240370
Panchkula	5096317	5465698
Panipat	9102999	8548848
Sonepat	3168658	2972566
Yamuna Nagar	8952834	5630798
<b>Total</b>	<b>4,83,43,009</b>	<b>4,91,31,310</b>

Note: The amount of cess collected included the cess arrears also.

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

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India was listed fifth amongst the poisonous gas emitting nations in the world. With pollution levels rising across the country, revised National Ambient Air Quality standards for twelve pollutants were notified in 2009 by the Ministry of Environment and Forests (MOEF). Pollutant includes gaseous emission like sulphur dioxide, nitrogen dioxide, ozone, carbon monoxide, ammonia and particulate matters below 10 micron and 2.5 micron size. As per revised norms, residential and industrial areas have the same standards. The revised ambient air quality standards provide a legal framework for the control of air pollution and the protection of public health which has 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 Haryana State Pollution Control Board.

Continuous Ambient Air Quality Monitoring include Design, detailed system engineering, manufacture and supply of Fixed Continuous Ambient Quality Air Monitoring System as per CPCB/SPCB guidelines comprising of – SO<sub>x</sub>, NO<sub>x</sub>, NH<sub>3</sub>, Cl<sub>2</sub>, CO Analysers, Weather monitors, associated auxiliary items including PC based data acquisition system with suitable Software to hook up with State Pollution Control Boards and Central Pollution Control Board. The Board has installed four Continuous Ambient Air Quality Monitoring Stations at Faridabad, Gurgaon, Rohtak and Panchkula.

The data for the four stations are given at **Annexure-XIII**.

**Status of Consent****14.1 Categorization of industrial units/projects under Red, Orange and Green categories.**

The Board has categorized the industrial units/projects under Red, Orange and Green categories on the basis of the directions given by Central Pollution Control Board. The Green category of the industries were exempted from consent management vide order Endst. No. 2936-56 dated 16.11.2012 in view of less pollution potential. However green categories units/projects are required to provide the required pollution control devices if required and to comply with standards prescribed for discharge of pollutants under Environment (Protection) Rules, 1986.

The status of industries/projects covered under Red and Orange category is given as under:-

Region	Red	Orange	Total
Bahadurgarh	449	734	1183
Ballabgarh	601	383	984
Dharuhera	205	422	627
Faridabad	353	72	425
Gurgaon (N)	328	378	706
Gurgaon (S)	488	205	693
Hisar	161	634	795
Jind	369	517	886
Panchkula	335	538	873
Panipat	413	138	551
Sonepat	295	463	758
Yamuna Nagar	567	593	1160
<b>Total</b>	<b>4564</b>	<b>5077</b>	<b>9641</b>



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### 14.2 Consent to Establish under water Act, 1974 & Air Act, 1981.

All the industrial units/project covered under Red and Orange category require prior consent to establish from the Board for their establishment or any extension or addition thereto.

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

Region	Applications pending as on 31.3.2014	Applications received during 2014-15	Total Applications received	Decided		Pending	
				Granted	Refused	Under SCN	Pending for decision
Bahadurgarh	7	125	132	95	23	7	7
Ballabgarh	0	84	84	59	25	0	0
Dharuhera	0	133	133	94	39	0	0
Faridabad	0	36	36	23	10	3	0
Gurgaon (N)	0	135	135	103	32	0	0
Gurgaon (S)	0	147	147	122	25	0	0
Hisar	2	84	86	55	29	0	2
Jind	0	26	26	21	5	0	0
Panchkula	0	91	91	70	21	0	0
Panipat	4	72	76	49	23	0	4
Sonepat	58	198	256	175	81	0	0
Yamuna Nagar	0	138	138	95	43	0	0
<b>Total</b>	<b>71</b>	<b>1269</b>	<b>1340</b>	<b>961</b>	<b>356</b>	<b>10</b>	<b>13</b>

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### 14.3 Consent to Operate under water Act, 1974 & Air Act, 1981.

All the industrial units/projects covered under Red and Orange 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 water Act, 1974 & Air Act, 1981 is given as under:-

Region	Total No of units covered under consent Management	Applied	Granted	Refused	Pending for decision
Bahadurgarh	1183	1183	1141	27	15
Ballabgarh	984	984	914	70	0
Dharuhera	627	477	441	36	0
Faridabad	443	443	443	0	0
Gurgaon (N)	706	442	398	16	28
Gurgaon (S)	693	693	670	11	12
Hisar	795	789	759	27	3
Jind	532	532	481	51	0
Panchkula	860	558	474	84	0
Panipat	552	536	492	44	0
Sonepat	1043	1043	967	76	0
Yamuna Nagar	1154	1154	1124	30	0
<b>Total</b>	<b>9572</b>	<b>8834</b>	<b>8304</b>	<b>472</b>	<b>58</b>

**Hazardous Waste Management**

**15.1 Authorization under Hazardous Waste (Management, Handling & Trans-boundry Movement) Rules 2008**

All the industrial units/project covered under Hazardous Waste (Management, Handling & Trans-boundry Movement) Rules 2008 requires authorization from the Board.

The status of authorization under under Hazardous Waste (Management, Handling & Trans-boundry Movement) Rules 2008 is given as under:-

Region	Total units covered under HWM Rules	Applied	Granted	Refused	Pending for decision
Bahadurgarh	249	249	218	18	13
Ballabgarh	393	393	354	39	0
Dharuhera	161	121	115	6	0
Faridabad	186	186	186	0	0
G(S)	473	473	473	0	0
Gurgaon North	508	347	324	10	13
Hisar	87	87	81	5	1
Jind	37	29	19	10	0
Panchkula	121	121	106	15	0
Panipat	333	319	289	30	0
Sonepat	256	256	241	15	0
Yamuna Nagar	227	227	221	6	0
<b>Total</b>	<b>3031</b>	<b>2808</b>	<b>2627</b>	<b>154</b>	<b>27</b>

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### 15.2 Status of units registered for Recycling / Re-processing of Hazardous waste listed in schedule No. IV of Hazardous Waste (Management Handling & Transboundary Movement) Rules, 2008

Region	No. of units registered for Recycling / Re-process of Hazardous Waste
Bahadurgarh	33
Ballabgarh	0
Dharuhera	2
Faridabad	0
Gurgaon (North)	2
Gurgaon (South)	0
Hisar	0
Jind	0
Panchkula	8
Panipat	1
Sonepat	0
Yamuna Nagar	13
<b>Total</b>	<b>59</b>

The list is given at Annexure-XIV



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### **15.3 Status of units registered as Traders for import of Hazardous waste listed in Part-D of Schedule-III on behalf of the Actual users under Hazardous Waste (MH&TM) Rules, 2008**

Ministry of Environment & Forest, Govt. of India vide notification no. S.O.710 (E) dated 30.03.2010 had amended the Hazardous Waste (Management Handling & Transboundary Movement) Rules, 2008 wherein every trader desirous of import of Metal scrap, paper waste and other wastes as listed in Schedule III (Part D) may make an application in Form 16 to any of the State Pollution Control Boards or Pollution Control Committees. The registration 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.

The status of registration granted to the traders during this year under the above said rules is given as under:-

<b>Region</b>	<b>No. of units registered as Traders for import of Hazardous waste with in Part-D of Schedule-III on behalf of the Actual user</b>
Bahadurgarh	3
Panchkula	2
Yamuna Nagar	4
<b>Total</b>	<b>9</b>

The list is given at Annexure-XV

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### **15.4 Status regarding Receipt and disposal of Hazardous waste in TSDF :**

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

Waste Processing capacity of the facility is 25000 MTs/per annum including incineration having incinerator of capacity 12 to 14 tons per day

Approximately 11661 tons of Hazardous Waste is received per year at the facility.

### **Status of E-Waste Management**

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#### **16 E Waste (M & H) Rules, 2011**

##### **16.1 General**

The E-waste (Management & Handling) Rules, 2011 have been notified with 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 into higher pollution and less recovery, thereby causing wastages of precious resources and damage to environment.

E-waste consists of all waste from electronic and electrical appliances which have reached their end- of- life period or are no longer fit for their original intended use and are destined for recovery, longer fit for their original intended use and are destined for recovery, monitors, printers, keyboards, central processing units; typewriters, mobile phones and chargers, remotes, compact discs, headphones, batteries, LCD/Plasma TVs, air conditioners, refrigerator s and other household appliances. The composition of e-waste is diverse and falls under 'hazardous' and 'non-hazardous' categories. Broadly, it consists of ferrous and non-ferrous metals, plastics, glass, wood and plywood, printed circuit boards, concrete, ceramics, rubber and other items. Iron and steel constitute about 50% of the waste, followed by plastics (21%), non-ferrous metals (13%) and other constituents. Non-ferrous metals consist of metals like copper Non-ferrous metals consist of metals like copper, aluminium and precious metals like silver, gold, platinum, palladium and so on. The presence of elements like lead, mercury, arsenic, cadmium, selenium, hexavalent chromium, and flame retardants beyond threshold quantities make e-waste hazardous in nature.

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### 16.2 The list of units registered as recycler/dismantler of e-waste

Region	Sr. No	Name and Address of the Unit	Activity Recycling/dismantling	Quantity of E-Waste	Validity	Date
Ballabgarh	1.	E-waste solutions industrial solution, shed-1a, industrial estate, sec-6, faridabad	Dismantling	1000 MT/Year	06-08-2016	07-08-2014
Faridabad	2.	M/s eco-friendly metals, dif industrial area, faridabad.	Dismantling	Unit is not operational.		
Bahadurgarh	3.	Giriraj metal, p. No. 39, hsiidc, rohtak.	Dismantling	2000 (TPA)	1.7.2013 to 30.06.2015	1.7.13
	4.	Earth waste management (p) ltd, vill-ismaila, distt. Rohtak	Dismantling	600 (TPA)	01.07.13 to 30.06.2015	01.07.13
	5.	Green world international (p) ltd, oia, b/garh	Recycler	5000 (TPA)	10.1.14-9.1.16	3274/10.1.14
	6.	Panasonic india (p) ltd, P. No. 1, industrial colony (rhtsl), vill-bid dadri, distt. Jhajjar.	Generation & collection	-	(1.1.2014-31.12.2018)	3227/2.1.14
	7.	R.k Sons enterprises (p) ltd. Vill-lohari, distt. Jhajjar	Dismantling	14640 (MTA)	Upto 27.03.16	3779/28.3.14
G(S)	8.	Green vortex waste management pvt. Ltd., plot no. 179, sector - 7, imt manesar, gurgaon	Dismantling	1500 MT/Annun	04.05.2019	05.05.2014



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	9.	3 R Recycler, plot no. 266, sector - 8, imt manesar, gurgaon	Dismantling	1800 MT/Year	29.05.15	30.05.13
	10.	Earth sense recycle pvt. Ltd., plot no. - 100, sector - 5, imt manesar, gurgaon	Dismantling	2160 MT/Annun	07.01.2017	08.01.2015
	11.	Shields environmental services pvt ltd., 9.1 km milestone vill dhankot gurgaon	Dismantling	1000 Ton/Annun	30.06.15	01.07.13 to
	12.	Sms enterprises, plot no. 544- d, first floor, sector - 37, pace city - ii, gurgaon (haryana)	Dismantling	360 MT/Annun	24.08.2016	25.08.2014
Panipat	13.	Exigo recycling pvt. Ltd., g.t. Road, samalkha, panipat	Dismantling & recycling (both activities)	5940 T/A	17/09/2015	18/09/2013

**Bio-Medical Waste Management****17 Bio Medical Waste Rules, 1998****17.1 General**

Bio-medical Waste (Management & Handling) Rules, 1998 were notified by the Ministry of Environment & Forests (MoEF) under the Environment (Protection) Act, 1986. These rules 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 State Pollution Control Board.

**17.2 The status of Authorization under Bio Medical Waste Rules, 1998**

Region	Total units	Applied	Granted	Refused	Pending	
					SCN	Not decided
Bahadurgarh	222	222	222	0	0	0
Ballabgarh	179	103	61	0	42	0
Dharuhera	157	157	157	0	0	0
Faridabad	186	186	186	0	0	0
Gurgaon (N)	281	174	174	0	0	0
Gurgaon (S)	32	32	32	0	0	0
Hisar	371	371	371	0	0	0
Jind	267	267	267	0	0	0
Panchkula	324	324	324	0	0	0
Panipat	130	130	130	0	0	0
Sonepat	173	173	173	0	0	0
Yamuna Nagar	296	296	294	0	0	2
<b>Total</b>	<b>2618</b>	<b>2435</b>	<b>2391</b>	<b>0</b>	<b>42</b>	<b>2</b>

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### 17.3 Detail of service providers authorized under Bio Medical Waste (M & H) Rules 1998 for treatment & disposal of Bio Medical Waste in Common Waste Treatment & Disposal Facility

The list of service providers authorized under under Bio Medical Waste Rules, 1998 is given as under:-

Region	Sr. No.	Name & Address of the Unit	Capacity
Panchkula	1.	M/s Ess Kay Hygenic, Vill Bagwala, Panchkula, Mob:- 09466100061	300 Kg/hour
	2.	M/s Rudraksh Enviro Care, Vill. Bhodog, Naraingarh, Ambala	300 Kg/hour
Jind	3.	Divya Waste management Co., Vill. Kandela, Jind	100 Kg/hour
	4.	Maruti Bio Medical Waste Plant, Hatempura, Bhiwani	100 Kg/hour
Yamuna Nagar	5.	M/s HAAT Supreme Wastech Private Limited, Village Bazida Jattan, Near Rly Crossing, Karnal	600 Kg/hr
Faridabad	6.	M/s Golden Eagle Waste Management Co., Village-Jasana, Faridabad	100kg/hour
Bahadurgarh	7.	M/s S.D. Bio Medical Waste Management Co. Vill-Baland, Distt. Rohtak	250 Kg/day
G(N)	8.	M/s Vulcan Waste Management Pvt. Ltd. Vill. Bhondsi Gurgaon	3600 Kg/Day
Hisar	9.	Synergy Waste Management Pvt. Ltd., 168, Sec-27-28, HUDA Ind. Area, Hisar	155612.96 Kg/Year
	10.	Surya Waste Management, Sahuwala Road, Vill. Chadiwal, Distt. Sirsa	28610.550 Kg/Year
	11.	Invision Enviro Services, Vill. Phulkan, Distt. Sirsa	51138.90 Kg/Year

**Battery (M & H) Rules, 2001**

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**18 Battery (M & H) Rules, 2001**

**18.1 General**

Battery means lead acid battery which is a source of electrical energy and contains lead metal. These rules shall 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.

**18.2 The status of dealers registered under Battery (M & H) Rules, 2001**

Region	Number of Units
Bahadurgarh	45
Ballabgarh	29
Dharuhera	19
Faridabad	11
Gurgaon (N)	9
Gurgaon (S)	0
Hisar	64
Jind	4
Panchkula	0
Panipat	0
Sonepat	13
Yamuna Nagar	17
<b>Total</b>	<b>211</b>



### Municipal Solid Waste Management

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#### 19.1 General

Municipal Solid Waste (MSW)—more commonly known as trash or garbage—consists of everyday items we use and then throw away, such as product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, appliances, paint, and batteries. This comes from our homes, schools, hospitals, and businesses.

#### 19.2 Status regarding Municipal Solid Waste Management

##### 1. Towns/cities

(i)	Total number of towns/cities	74
(ii)	Total number of ULBs	78
(iii)	Number of class I & class II cities/towns (Class-I-17, Class-II-20)	37

##### 2. Authorization status (names/number)

(i)	Number of applications received.	00
(ii)	Number of authorizations granted.	00
(iii)	Authorizations under scrutiny.	00

##### 3. MSW Generation status

(i)	MSW generation in the state (TPD)	3102.51
(ii)	MSW collected (TPD)	3102.51
(iii)	MSW treated (TPD)	188
(iv)	MSW landfilled (secured) (TPD)	2163.18

##### 4. Compliance to schedule II of MSW Rules (Number /names of towns/capacity)

(i)	Good practices in cities/towns.	Yes
(ii)	House-to-house collection.	Yes
(iii)	Segregation.	Yes
(iv)	Storage	Yes
(v)	Covered transportation.	Yes

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### 5. Processing of MSW (Number/names of towns/capacity)

#### (i) MSW processing facilities setup:

Sr.No.	Composting	Vermin-composting	Biogas	RDF/Pelletization
1	04	00	00	04

#### (ii) Processing facility operational:

Sr.No.	Composting	Vermin-composting	Biogas	RDF/Pelletization
1	04	00	00	04

#### (iii) Processing facility under installation/planned:

Sr.No.	Composting	Vermin-composting	Biogas	RDF/Pelletization
1	06	01	00	06

### 6. Waste-to-energy plants: (Number/names of towns/capacity)

Sr.No.	Plant location	Status of operation	Power generation (MW)	Remarks
1	00	00	00	00

### 7. Disposal of MSW (number/names of towns/capacity)

(i)	Landfill sites identified	46
(ii)	Landfill constructed	00
(iii)	Landfill under construction	03
(iv)	Landfill in operation	10
(v)	Landfill exhausted	00
(vi)	Landfilled capped	00

### 8. MSW Dumpsites(number/names of towns/capacity):

(i)	Total number of existing dumpsites.	60
(ii)	Dumpsites reclaimed / capped	01
(iii)	Dumpsites converted to sanitary landfill.	00

### 9. Monitoring at waste processing/Landfills sites.

Sr.No.	Name of facilities	Ambient air	Groundwater	Leachate quality	Compost quality	VOCs
1	Panchkula	00	00	00	00	00
2	YMN /Karnal	Yes	Yes	00	00	00
3	Bahadurgarh	00	00	00	00	00

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4	Panipat	00	00	00	00	00
5	Sonepat	00	00	00	00	00
6	Gurgaon Bandhwari	Yes	Yes	Yes	00	00
7	Dharuhera	00	00	00	00	00
8	Hisar (sirsa)	Yes	Yes	00	00	00
9	Jind	00	00	00	00	00
10	Faridabad	00	00	00	00	00

### 10. Status of Action Plan prepared by Municipalities

(i)	Total number of municipalities:	78
(ii)	Number of Action Plan submitted:	04
(iii)	Status of implementation of the Action Plan, etc.	01

**Training Programmes**

**Detail of Training Programs / Workshops Attended by Officers / Officials of the Board during the year 2014-15**

Sr. No.	Training Titles	Schedule	Training Institute	Name of the Officer to be nominated
1	Advanced Instrumentation Technique and Prevention Maintenance	Dec. 08-10, 2014	NIH, Roorkee	Sh. Ajay Singh, AEE, Bahadurhargh Region
2	Air Quality Modeling and Source Apportionment	Nov. 26-28, 2014	TERI, Delhi	Ms. Monika, Sc. B, Ballabgarh Region
3	Air Quality Monitoring, Network Design, Air Sampling, Analysis and Quality Assurance	Nov. 15-19, 2014	CENC, Patna	Sh. Pardeep Singh, AEE, Sonapat Region
4	Methodology of Assessment of Indoor Air Quality and Standards	Feb. 18-22, 2015	TERI, Delhi	Ms. Akansha Tanwar, AEE, Faridabad Region
5	Methodology/ Technique of Source Emission Monitoring and Corrections to be Applied	Dec. 2014	PCRI, Haridwar	Sh. Vipin Kumar, AEE, Panchkula Region
6	Monitoring and Analysis of Non- Point Source of Pollution (NPS)- Agriculture in a Riverine System	Sep. 15-17, 2014	NIH, Roorkee	Sh. Ashwani, AEE, Jind Region
7	Monitoring of PM 2.5 and other notified Air Pollutants as per revised NAAQS	To be announced	NEERI, Delhi	Ms. Neha Saharan, AEE, Gurgaon (N) Region



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8	Collection, Storage, Handling and Disposal of Plastic Wastes	To be announced	CIPET, Chennai	Sh. Vinay Gautam, AEE (HQ)
9	Analysis of Water, Wastewater, Soil & Hazardous Waste	Sep. 23-27, 2014	GBPUT, Pantnagar	Sh. Sunil Kumar Sheoran, Sc. B, Sonapat Region
10	Bacteriological Techniques for Water and Wastewater Analysis and Quality Assurance	To be announced	PGIMER, Chandigarh	Smt. Pinki, Sc. B, Yamuna Nagar Region
11	Environmental Data Interpretation, Compilation, Analysis, Presentation and Reporting	Feb. 24-26, 2015	ISI, Delhi	Smt. Kirti, Sc. B, Bahadurgarh Region
12	Environment Health and Safety management in Process industries	Oct 2014	IIT-Roorkee	Sh. Vikas Chand, AEE (HQ)
13	Occupational Health & Safety Management System (OHSAS) 1001:2007	Sep. 23-27, 2014	NIOH Ahmedabad	Sh. Sachin Kumar, JEE, Ballabgarh Region
14	Financial Management in Govt. Depts <ul style="list-style-type: none"> <li>• Budgetary Management</li> <li>• Constitutional and Codal Provisions</li> <li>• Budget A Tool of Administration and Control over Expenditure</li> <li>• Online Budget Mechanism</li> </ul>	3-5 Nov, 2014	DTC, Pkl	Sh. Nanha Ram Gautam, Accountant
15	Office Automation Tools:- Computer Training on MS Word, MS Excel, MS Power Point & Internet	10-14 Nov, 2014	DTC, Pkl	Sh. Balwan Singh, Sr. Scale Stenographer, Legal Branch
16	Capacity Building of	11-12 Nov,	DTC, Pkl	Sh. Vinay Gautam,

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	Inquiry Officers & Presenting Officers- Procedures & Rules	2014			AEE(HQ)
17	Orientation training programme for clerks	17-21 2014	Nov,	DTC, Pki	1. Sh. Sandeep Sharma, Clerk 2. Sh. Dinesh Kumar, Clerk 3. Smt. Kiran, Clerk 4. Smt. Monika, Clerk 5. Ms. Bhawana, Clerk 6. Smt. Rani Bhatnagar, Clerk.
18	Administrative Efficiency in Govt. Deptt.	1-5 2014	Dec,	DTC, Pki	Sh. Sher Chand, Assistant, Establishment
19	Orientation training programme including communication skill through Noting Drafting	8-12 2014	Dec,	DTC, Pki	Sh. Rajesh Kumar, Assistant (HQ)
20	Office Automation Tools:- Computer Training on MS Word, MS Excel, MS Power Point & Internet	15-19 2014	Dec,	DTC, Pki	Sh. Vidya Parsad, Clerk

**Redressal of Public Complaints**

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Status of Public Compliants Received and Disposed off during the year 2014-15

Region	Compliants Received	Compliants Disposed
Bahadurgarh	56	56
Ballabgarh	19	19
Dharuhera	14	14
Faridabad	35	35
Gurgaon (North)	37	37
Gurgaon (South)	5	5
Hisar	0	0
Jind	3	3
Panchkula	25	25
Panipat	36	36
Sonepat	44	44
Yamuna Nagar	53	53
<b>Total</b>	<b>327</b>	<b>327</b>

The list is given at Annexure-XVI

**Public Hearings****22 Public Hearing/ Consultation organized during the year 2014-15 under EIA Notification Dated 14.9.2006****22.1 General**

Public hearings are held as part of the public inquiry process required under 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. The person present at the venue are granted the opportunity to seek information or clarification of the project from the applicant 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 Environmental Clearance to the project proponent.

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

**22.2 Details of the Public Hearings organized by the Board**

Name of the Region	Number of public Hearing Conducted
Ballabgarh	3
Dharuhera	4
Faridabad	2
Jind	4
Panchkula	3
Panipat	3
Sonepat	1
Yamuna Nagar	8
<b>Total</b>	<b>28</b>

The list is given at Annexure-XVII



**Right To Information Act, 2005**

**23.1 General**

The Right to Information Act (RTI) is an Act of the Parliament of India "to provide for setting out the practical regime of right to information for citizens" and replaces the erstwhile Freedom of information Act, 2002. The Act applies to all States and Union Territories of India except Jammu & Kashmir. Under the provisions of the Act, any citizen may request information from a "public authority" (a body of Government or "instrumentality of State") which is required to reply expeditiously or within thirty days. The Act also requires every public authority to computerise their records for wide dissemination and to proactively certain categories of information so that the citizens need minimum recourse to request for information formally. This law was passed by Parliament on 15 June 2005 and came fully into force on 12 October 2005. The first application was given to a Pune police station. Information disclosure in India was restricted by the Official Secrets Act 1923 and various other special laws, which the new RTI Act relaxes. It codifies a fundamental right of citizens.

The HSPCB has provided relevant informations 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.

**23.2 Details of Applications received and disposed**

Name of Region	No. of applications		
	Received	Disposed off	Under Process
Bahadurgarh	56	56	0
Ballabgarh	10	10	0
Dharuhera	11	11	0
Faridabad	27	27	0
Gurgaon (N)	41	41	0
Gurgaon (S)	2	2	0
Jind	7	7	0
Panchkula	0	0	0
Panipat	63	63	0
Sonepat	61	61	0
Yamuna Nagar	23	15	8
<b>Total</b>	<b>301</b>	<b>293</b>	<b>8</b>

Total 344 applications under Right to information Act, 2005 were received in Head Office during the year 2014-15 and 308 applications were disposed off. 36 applications were under process upto 31.03.2015 during the year 2014-15.

**Budget Report****24.1 Detail of actual receipts for the financial year 2014-15**

Sr. No.	Head of Account	Actual Receipt (Rs. In Lacs).
1	2	3
1.	Sample Testing Fee	229.32
2.	Water Consent Fee	1483.90
3.	Air Consent Fee	1203.49
4.	NOC Fees	241.45
5.	Public Hearing	23.80
6.	Authorization Fee / Recognition Fee/Appeal fee/Right to information fee/Misc receipt /sale of Staff Car.	536.52
7.	Cess Receipts (From G.O.I)	1326.33
8.	Interest on deposits & Interest on Others Advance given to staff	1887.74
9.	Grant in Aid from Central Pollution Control Board, Solid Waste, NAMP, NWMP, Inventory on Small scale Industries etc.	0.00
10.	Grant-in -Aid from State Govt. (Director Env.) Action Plan, Hazardous Installation of Training Institute Gurgaon disposal of CFL etc.	24.00
	Action Plan (Hazardous waste, Inst. of Training Institute and disposal of CFL)	-----
	<b>Total</b>	<b>= 6956.55</b>

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### 24.2 Detail of Actual Expenditure for the financial year 2014-15.

Sr. No. 1	Head of Account 2	Actual Receipt (Rs. In Lacs) 3
<b>A</b>	<b>SALARIES</b>	
	1. Salaries & Allowances.	1138.57
	2. Medical Allowances.	40.80
	3. Traveling Allowances.	7.03
	<b>Sub Total</b>	<b>= 1186.40</b>
<b>B</b>	<b>MAINTENANCE</b>	
	1. Office Expenses and other Expenses	307.51
	2. Legal Expenses	32.02
	3. Professional fee	7.74
	<b>Sub Total</b>	<b>= 347.27</b>
<b>C</b>	<b>NON-RECURRING</b>	
	1. Furniture & Fixture	4.09
	2. Office Machines & Equipments and R&M	9.51
	3. Computerization of Office	29.43
	4. Vehicles	5.73
	5. Library Books and Journals & Computer Based Information	0.31
	6. Lab. Equipment/Material/Expenses, Computer & Modive Expenses and Computer Peripheral Stationery Expenses	35.47
	<b>Sub Total</b>	<b>= 84.54</b>
<b>D</b>	<b>LOANS &amp; ADVANCES</b>	
	1. Loans & Advances	16.26
	2. Construction/Purchase of Office Building and Residential complex	0.00
	3. Research & Development Projects Reports and studies	10.03
	4. Financial Assistance to Industries for installation E.T.P.'s	0.00
	5. Eco Clubs /Env. Awareness	8.71
	I. State Govt.	
	II. Govt. of India	
	III. HSPCB	
	<b>Sub Total</b>	<b>= 35.00</b>
	<b>Grand Total A+B+C+D</b>	<b>= 1653.21</b>

