

HARYANA STATE POLLUTION CONTROL BOARD



AGENDA

For the

193rd meeting of the Board

to be held on 20.9.2022 at 11.00 AM

PANCHKULA



HARYANA STATE POLLUTION CONTROL BOARD

C-11, SECTOR 6, PANCHKULA.

E-mail: hspcbestt@gmail.com

No. HSPCB/Estt./2022/ 6057-6065

Dated: 14-09-2022

To

193rd Meeting of
HSPCB

Date: 20.09.2022

Time: 11.00 A.M.

1. Sh. P. Raghavendra Rao,
Chairman, Haryana State Pollution Control Board,
C-11, Sector-6, Panchkula.
2. The Additional Chief Secretary to Govt. Haryana,
Environment and Climate Change Department.
3. The Additional Chief Secretary to Govt. Haryana,
Town & Country Planning and Urban Estates Department.
4. The Principal Secretary to Govt. Haryana,
Urban Local Bodies Department.
5. The Principal Secretary to Govt. Haryana,
Industries and Commerce Department.
6. The Principal Secretary to Govt. Haryana,
Transport Department.
7. The Managing Director,
Haryana Power Generation Corporation, Panchkula.
8. The Managing Director,
Haryana Forests Development Corporation, Panchkula.
9. Sh. Pardeep Kumar, IAS,
Member Secretary,
Haryana State Pollution Control Board, Panchkula.

Subject: 193rd meeting of the Haryana State Pollution Control Board to be held on 20.09.2022 at 11.00 A.M.

Kindly refer to letter No. HSPCB/Estt./2022/6019-27 dated 09.09.2022 on the subject cited above.

Please find enclosed herewith the Agenda Notes for the 193rd meeting of the Board to be held on **20.09.2022 at 11.00 AM** under the Chairmanship of Sh. P. Raghavendra Rao, Chairman, Haryana State Pollution Control, in the Conference Room of HSPCB, C-11, Sector-6, Panchkula.

It is further informed that if any member desires to attend the meeting through video conferencing; he will be provided the meeting link accordingly before the commencement of the meeting. Therefore, you are requested to inform whether you will attend the meeting through Video Conferencing or in person.

You are requested to make it convenient to attend the above said meeting.

DA/Agenda Notes


Member Secretary, HSPCB

14/09/2022



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR 6, PANCHKULA

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Agenda Items for the 193rd meeting of the Board under the Chairmanship of Sh. P. Raghavendra Rao, Chairman, Haryana State Pollution Control Board to be held on 20.09.2022 at 11.00 AM in the Conference Room of HSPCB, C-11, Sector-6, Panchkula are as under:-

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193.01	Confirmation of the Minutes of the 192 nd meeting of the Haryana State Pollution Control Board.	01/ 1 – 01/4
193.02	Action taken on the Minutes of 192 nd meeting of the Haryana State Pollution Control Board held on 22.06.2022.	02/1 - 02/2
193.03	To approve/adopt the Audited Balance Sheet and Income and Expenditure Account of the Board for the Financial Year 2018-19.	03/1 - 03/31
193.04	Regarding procedure for issuance of varied consent under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981.	04/1 – 04/17
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193.06	Annual Report of the Haryana State Pollution Control Board for the year 2020-21.	06/1 – 06/109
193.07	Regarding approved fuel.	07/1 – 07/23

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Agenda Item No. 193.01

Confirmation of the Minutes of the 192nd meeting of the Haryana State Pollution Control Board.

The minutes of 192nd meeting were circulated to all the Members of the Board vide this office Memo No. HSPCB/Estt./2022/4595-4603 dated 27.06.2022 (copy of the same enclosed).

No observations from any Member have been received. The Board may confirm the Minutes of the 192nd Meeting.

Minutes of 192nd meeting of the Haryana State Pollution Control Board, Panchkula, held at 11.00 AM on 22.06.2022 under the Chairmanship of Sh. P. Raghavendra Rao, Chairman, Haryana State Pollution Control Board, Panchkula.

The 192nd meeting of the Haryana State Pollution Control Board was convened at 11.00 AM on 22.06.2022 under the Chairmanship of Sh. P. Raghavendra Rao, Chairman, HSPCB. The list of participants is at Annexure-I. Leave of absence was granted to Sh. Devender Singh, IAS, Additional Chief Secretary to Government Haryana, Town & Country Planning Department and Sh. Mohammed Shayin, IAS, Managing Director, Haryana Power Generation Corporation Limited.

The Chairman welcomed all the participants and Member Secretary, HSPCB presented the agenda items before the Board. Detailed discussions were held on all the agenda items and the following decisions were taken:

Agenda Item No. 192.1

Confirmation of the Minutes of 191st meeting of the Haryana State Pollution Control Board.

Minutes of 191st meeting were confirmed.

Agenda Item No. 192.2

Action taken on the minutes of the 191st meeting of the Haryana State Pollution Control Board held on 08.04.2022.

Action taken on the decisions taken in the 191st meeting of the Board was noted.

Agenda Item No. 192.3

Regarding categorization of Building and Construction Projects, Construction and Demolition (C&D) Waste Processing Plants, Gold Assaying & Hallmarking Centers under Consent Management of the Board.

The proposal contained in the Agenda Note was approved.

Agenda Item No. 192.4

Preparation of exhaustive emission inventory of PM10 from various sources of District Mahendragarh in the matter of OA No. 667/2018 titled "Mahendra Singh Vs State of Haryana and Ors.", OA No. 679/2018 titled "Tejpal Vs. State of Haryana and Ors." And OA No. 599/2019 titled "Bishamber Singh Vs State of Haryana and Ors."

The proposal contained in the Agenda Note was approved.

Agenda Item No. 192.5

Adoption of retirement gratuity and death gratuity scheme to the employees of Haryana State Pollution Control Board covered by new defined Contributory Pension Scheme (Known as NPS).

The proposal contained in the Agenda Note was approved.

Agenda Item No. 192.6

Annual Report of the Haryana State Pollution Control Board for the year 2019-2020.

The proposal contained in the Agenda Note was approved. The Members desired that the Annual Report agenda may indicate the total corpus available with the Board and a brief action note on the proposed activities to meaningfully utilize the same, especially in terms of creation of awareness on pollution and technological interventions on monitoring of pollution.

Agenda Item No. 192.7(S)

Framing of Haryana State Pollution Control Board (Group A, B, C and D) Service Regulations of Chief Environmental Engineer and Chief Scientific Officer.

The proposal contained in the Agenda Note was approved.

Agenda Item No. 192.8(S)

Enforcement Framework for Effective Implementation of Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.

The proposal contained in the Agenda Note was approved.

The meeting ended with vote of thanks to the Chair and all the participants.

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LIST OF PARTICIPANTS

1. Sh. P. Raghavendra Rao
Chairman, Haryana State Pollution Control Board,
C-11, Sector-6, Panchkula.
2. Sh. Apoorva Kumar Singh, IAS
Additional Chief Secretary to Govt. Haryana,
Environment and Climate Change Department
Through VC
3. Sh. Arun Kumar Gupta, IAS
Principal Secretary to Govt., Haryana,
Urban Local Bodies Department
Through VC
4. Sh. Vijayendra Kumar, IAS
Principal Secretary to Government Haryana,
Industries and Commerce Department.
Through VC
5. Sh. Navdeep Singh, IPS
Principal Secretary to Government Haryana,
Transport Department.
Through VC
6. Sh. Pankaj Goel, IFS
Managing Director,
Haryana Forest Development Corporation, Panchkula
7. Sh. S. Narayanan, IFS,
Member Secretary,
Haryana State Pollution Control Board, Panchkula.

Agenda Item No. 193.02

Action taken on the Minutes of 192nd meeting of the Haryana State Pollution Control Board held on 22.06.2022.

Agenda Item No. 192.01	
Confirmation of the Minutes of the 191 st meeting of the Haryana State Pollution Control Board.	Minutes of 191 st meeting were confirmed.
Agenda Item No. 192.02	
Action taken on the Minutes of 191 st meeting of the Haryana State Pollution Control Board held on 08.04.2022.	Board members were apprised of the action taken regarding the decisions of the 191 st meeting and the same were noted.
Agenda Item No. 192.03	
Regarding categorization of Building and Construction Projects, Construction and Demolition (C&D) Waste Processing Plants, Gold Assaying & Hallmarking Centers under Consent Management of the Board.	Order regarding categorization of Gold Assaying & Hallmarking Centers under Orange Category of Consent Management of the Board has been issued vide Endst. No./132039/2022 dated 02.09.2022.
Agenda Item No. 192.04	
Preparation of exhaustive emission inventory of PM10 from various sources of District Mahendergarh in the matter of OA No. 667/2018 titled "Mahendra Singh Vs State of Haryana and Ors.", OA No. 679/2018 titled "Tejpal Vs. State of Haryana and Ors." and OA No. 599/2019 titled "Bishamber Singh Vs State of Haryana and Ors."	The study for preparation of exhaustive emission inventory of PM10 of 18 villages of Mahendergarh has been entrusted to IIT Delhi and the study work is in progress and report is awaited.
Agenda Item No. 192.05	
Adoption of retirement gratuity and death gratuity scheme to the employees of Haryana State Pollution Control Board covered by new defined Contributory Pension Scheme (Known as NPS).	Action to be taken in the matter is under process and will be finalised within due course of time.
Agenda Item No. 192.06	
Annual Report of the Haryana State Pollution Control Board for the year 2019-20.	Annual Report of the Haryana State Pollution Control Board for the year 2019-20 has been sent to the Government for approval vide letter No./132038/2022 dated 02.09.2022.

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Agenda Item No. 192.07 (S)	
Framing of Haryana State Pollution Control Board (Group A, B, C and D) Service Regulations of Chief Environmental Engineer and Chief Scientific Officer.	The proposal has been sent to the Government vide this letter No. HSPCB/Estt./2022/4905 dated 07.07.2022.
Agenda Item No. 192.08 (S)	
Enforcement Framework for Effective Implementation of Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016.	Orders regarding adoption of methodology/modalities for determination of environmental compensation to be levied for violation of Hazardous & Other Wastes (Management & Transboundary Movement), Rules, 2016 has been issued vide Endst. No. 132704 dated 08.09.2022

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AGENDA ITEM No. 193.03

To approve/adopt the Audited Balance Sheet and Income and Expenditure Account of the Board for the Financial Year 2018-19.

The Governor of Haryana, in consultation with the Comptroller and Auditor General of India, has appointed M/s Brij Gupta & Co. Chartered Accountant, Panchkula as Statutory Auditor under section 40(3) of the Water (Prevention and Control of Pollution) Act, 1974 for auditing the accounts of the Haryana State Pollution Control Board, Panchkula for the F.Y 2018-2019.

The accounts for the F.Y 2017-18 have already been audited by the statutory auditor and sent to the Government. Now, M/s Brij Gupta & Co. Chartered Accountant, Panchkula have audited the accounts of the Board for the F.Y 2018-19. The copy of the Auditor's report (Annexure-A), Audited Balance Sheet, Income and Expenditure Account for the F.Y 2018-19 (Annexure-B) and reply to the Auditor's report (Annexure-C) are enclosed.

After approval of the Board, the Financial statement will be sent to the State Government, as required under section 40(7) of the Water (Prevention and Control of Pollution) Act, 1974.

The Audited Balance Sheet, Income & Expenditure Account for the F.Y 2018-19 is placed before the Board of Directors for consideration and approval.

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BRIJ GUPTA & CO.

Chartered Accountants

H.No.:729-A (Basement), Near HUDA Offices, Sector-8, Panchkula - 134109 (Haryana). Ph.: 0172-4654660, e-mail: bmg729@yahoo.com

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Annexure - A

INDEPENDENT AUDITOR'S REPORT

We have audited the accompanying financial statements of "Haryana State Pollution Control Board" Panchkula (the 'Board') which comprise the Balance Sheet as at 31st March 2019 and Statement of Income and Expenditure for the Year ended 31st March 2019.

Management's Responsibility for the Financial Statement

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the Board. This responsibility includes design, implementation and maintenance of internal control relevant to the preparation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements, plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments the auditor considers internal control relevant to the Board's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

On the basis of such checks of the books of accounts and records as we considered appropriate and the information and explanations given to us during the course of the audit, we enclose our observations as per **Annexure-I** to our audit report.

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Opinion

In our opinion and to the best of our Information and according to the explanations given to us, subject to the observations as per Annexure-I, the financial statements give the information in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

- a) In the case of the Balance Sheet, of the state of affairs of the Board as at 31st March, 2019.
- b) In the case of the Statement of Income and Expenditure, of the Excess of Income over Expenditure for the Year ended 31st March, 2019.

We further report that:

- a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit;
- b) In our opinion proper books of account as required by law have been kept by the Board so far as appears from our examination of those books.
- c) The Balance Sheet and Statement of Income and Expenditure, dealt with by this report are in agreement with the books of account..

Place: Panchkula
Dated: July 08, 2022

S.P.V



For **BRIJ GUPTA & CO.**
Chartered Accountants
(FRN: 003070N)


(CA. B M GUPTA)
Partner
M.No.081962

UDIN:22081962AMMORT7957

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ANNEXURE-I TO AUIDTOR'S REPORT

Referred to in our report of even date on the accounts of 'Haryana State Pollution Control Board' Panchkula for the year ended 31st March,2019:

1. Water (Prevention and Control of Pollution) Act,1974 and the Air(Prevention and Control of Pollution) Act,1981 regarding Annual Report:-

As per clause 35 sub-clause 2 of 'The Air (Prevention and Control of Pollution) Act, 1981

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 copies thereof shall be forwarded to the State Government within four months from the last date of the previous financial year and that government shall cause every such report to be laid before the State Legislature within a period of nine months from the last date of the previous financial year.

As per clause 39 sub-clause 2 of 'Water (Prevention and control of Pollution) Act, 1974'

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, copies thereof shall be forwarded to the State Government within four months from the last date of the previous financial year and that Government shall cause every such report to be laid before the State Legislature within a period of nine months from the last date of previous financial year.

As informed, the Board has not complied with the above mentioned time schedule for furnishing the Annual Returns of its Accounts due to delay in getting the accounts finalized and audited.

2. Loss incurred due to surplus funds not invested in FDR with banks:

The Board incurred a loss of Rs.2,07,19,898/- during the year kept as surplus funds in saving accounts instead of FDR with various banks as per detail here under

Name of Bank	Diff. in FDR & SB rate	Interest Loss(Rs.)
PNB(7912)	4.85%	44,16,024
PNB(8057)	4.85%	38,23,102
PNB(5744)	4.85%	1,40,018
PNB(7915)	4.85%	2,55,016
INDUSIND BANK(3757)	3.35%	1,17,69,146
ANDHRA BANK (13843)	4.85%	3,16,592
Total		<u>2,07,19,898</u>

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3. Land.

The Board has made payments totalling Rs. 10,29,34,027/- upto 31st March 2019 for purchase of land at Panipat, Panchkula and Gurugram. Out of the five properties included on the Land, conveyance deed has been executed for only one property at Sector-3, IMT, Manesar, DisttGurugram. For Panipat showroom, even letter of allotment was not available. Besides, no documents were made available for our verification for share of Board worth Rs. 4,00,25,300/- in Sawarn Jayanti Building, Gurugram. The Board has possession letter of 625Sq metre land for office building in Sector 15, Part II, Sonipat worth Rs. 11,81,472/- allotted in the year 2001-02, however, no such land at Sonipat exists in the detail of land submitted to us and books of account of the Board.

4. Defaults in filing of TDS Returns.

As per Traces, a default of Rs. 33,680/- persists upto 31/03/2019 in filing TDS Returns.

5. Bank Reconciliation Statements:

i) PNB Sec-6, PKL (A/c No. 7912)

Board has issued cheques amounting to Rs.58,39032/- during the period 2015-16 to December, 2018 which have not been presented to the Bank and have become stale. Similarly Board has received credits amounting to Rs.10,40,381/- in the bank which have not been identified and accounted for in its books of account.

ii) PNB (A/c 8057)

Board has issued cheques amounting to Rs. 88,36,973/- during the period 2012-13 to 2018-19 which have not been presented to the Bank as per Bank Reconciliation Statement provided to us and all these cheques issued have become stale.

iii) PNB (A/c 41180)

Bank reconciliation statement was not made available for our verification. The difference in the amount as per Cash Book and as per Bank is Rs. 45000/- In the absence of reconciliation details, we are unable to comment upon it.

iv) UBI (A/c 18039)

Bank Reconciliation Statement was not made available for our verification. The difference in the amount as per Cash Book and as

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per Bank is Rs. 10,000/-. In the absence of reconciliation details, we are unable to comment upon it.

- v) The Banks for which reconciliation were provided to us, the statements do not mention the dates on which the entry appearing in the Bank Reconciliation Statement has been cleared or reversed in future.
- vi) Outstanding entries (cheques issued but not presented and cheques deposited but not credited by the Bank) have not been reversed. In case, certain cheques deposited which were not credited may become irrecoverable as the particulars of the Issuer of the cheque are not available and it is not known from whom this amount is recoverable and thus loss caused to the Board on account of non-recovery of these amounts can not be ascertained. Sincere efforts should be made to recover the amounts for which cheques has been deposited but which have not been cleared by the Banks as it directly affects the income of the Board.

6. In Respect of Fee charged for Various Consents :

Air Consent Fee, Water Consent Fee, NOC Fee, Noise Fee, BMW Fee, Recognition Fee, Public Hearing Fee, Appeal Fee and NWMP Fee which have been received are duly accounted for but the amounts which were recoverable under the above heads but have not been recovered needs to be quantified and steps taken to recover the same. Copies of the bills raised/ receipts issued for these Fee should be numbered and sent to the Head Office for full control and reconciliation to determine the unrecovered amount.

7. In Respect of Fee charged for Lab Sample Testing :

Year wise detail of fee collection and reports issued by the Board on account of various tests was not available. In absence of any record, we are unable to quantify the amounts which have been claimed but not recovered.

Any such fee remaining recoverable as on 31.03.2019 due to dishonour of cheques or otherwise is also not ascertainable.

8. Advance against Purchases

The Board had released advances to the following suppliers during the previous years which have not been adjusted in the current year.

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<u>Name of Supplier</u>	<u>Amount (Rs.)</u>
Controller Printing and Stationery Department	1,36,710
HARTRON	66,85,398
Sigma Aldrich Chemical	6,872
HAREDA	40,78,000
Mahindra and Mahindra	6
CPR Environmental Education Central Chennai	40,500
NIC (National Informatics Centre)	62,79,320
Reliance Broadcast Network Limited	73,034
Haryana Tourism Ltd.	5,00,000

9. Confirmation of Balances:

Balance confirmations from suppliers and regional offices were not obtained. The amount of un reconciled items that may emerge after the confirmations and reconciliation of accounts cannot be determined and the consequential impact on financial statements remain unascertained. All debit and credit balances including advances are as per book balances. No confirmations for these balances have been obtained.

10. Tax Deduction at Source by Banks on Interest on FDRs:

The Board has not obtained certificate for the amount of interest earned and TDS deducted during the year from most of the Banks with whom it is keeping accounts in fixed deposits. In absence of confirmation of TDS from the Banks, it is difficult to verify that all the TDS deducted from Interest on FDRs have been duly accounted for in the Board's accounts and same has been duly reflected in Form 26AS. In case, certain TDS was deducted from the interest on FDRs but was unconfirmed by Banks and was inadvertently not reflected in 26AS, it may lead to loss to the Board due to omission of this claim in Income Tax Return.

Therefore, the Board is advised to take necessary steps to claim the Actual Tax deducted during the year and also follow up with the Banks that whatsoever TDS has been deducted by them gets reflected in 26 AS. It may be ensured that PAN of the Board is updated in the records of each and every Bank.

11. Filing of Income Tax Returns:

a) F.Y 2018-19

Interest on Bank FDRs & Saving as per Income-
and Expenditure Account Rs. 30,20,51,263/-

Interest on Bank FDRs & Saving as per-
Income Tax Return filed Rs. 28,71,81,159/-

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The differences in the Interest on FDRs & Savings as per Income and Expenditure Account and as per Income Tax Return filed have not been explained.

b) All the Income Tax returns have been filed on the basis of Provisional Financial Statements which do not tally with the final Financial Statements. In the Income Tax Return filed for the year, tax has been calculated on Gross income of Rs. 48,69,83,663/- whereas as per Audited Financial Statement, income for the year before provision of Income Tax is Rs. 30,12,08,918/-.

c) On going through the copy of Income Tax Return filed for AY 2019-20 (FY2018-19), it has been observed that a return with a total income of Rs.28,80,25,500/- was filed and Rs. 3,56,094/- was paid as interest for the Assessment year 2019-20 (FY2018-19) U/S 234.

Thus the Board paid undue amount of interest inspite of no shortage of funds with the Board.

d) Provision for Income Tax amounting to Rs 10,47,40,437 /- for the FY 2018-19 has been made in the books of account and accordingly reflected in the financial statements which was not provided in the Provisional Balance Sheet.

12. Fixed Assets:

The WDV of fixed assets of the Board is worth Rs.16,13,21,004/- as on 31st March, 2019. During the year F.Y 2018-19, total net additions of Rs.4,01,14,234/- were made.

Fixed Assets register showing the quantitative details of various assets was not made available for our verification. Further, as explained to us, no physical verification of fixed assets was carried out during the year F.Y2018-19.

13. Inventories of Lab Materials:

The Board purchased Lab material amounting to Rs.4,82,743/- Stock registers for lab materials were not shown to us. Hence, we cannot comment as to whether proper entries of receipt and issues of stock are maintained or not. The periodic physical verifications of the stocks have not been conducted by the Board during 2018-19. The quantity of the stock lying with the concerned departments as at the close of year cannot be determined.

Thus, we are not able to figure out the value of unconsumed closing stocks of lab materials as on 31st March, 2019. The inventories in hand as at the end of the year are also not available and the entire purchases during the year are booked as expenses and that too on cash basis.

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14. Mixed System of Accounting

The Board is following mixed system of accounting as certain Income and Expenses are recognized on cash basis whereas others are recognised on accrual basis. It is observed that bills/claims for various expenses are submitted/approved/settled/paid and recorded on Payment basis irrespective of the period they pertain to and in many cases after a long gap of years from the date they were incurred. In our opinion the Board should follow Mercantile/Accrual system of accounting so that expenditure incurred and income accrued in a year is accounted for in the same year.

15. Internal Audit and Internal Control

The Board is not having any system of internal audit of its accounts, neither by Internal Auditor nor by External Auditor. Further based on our enquiries, in respect of some aspects, no proper system of internal control procedure was apparently in place. Bank Reconciliation does not identify cheques issued which have been dishonoured but not reversed. Cheques dishonoured may not be renewed in absence of internal audit procedures. The absence of record, reconciliation and wrong claims of TDS may lead to loss to the Board. The entries for Income as per the Income Tax Return, Income Tax Paid, TDS claimed and interest paid on late deposit of taxes were not made from year to year. Advances of Rs. 75,45,780/- released for preparation of Project Reports & Studies and for organising Environmental camps were wrongly accounted for as expenditure. Desktops, Printers and Software amounting to Rs. 2,39,806/- were wrongly accounted for as computer expenses instead of fixed assets. Desktops, Furniture, Air Conditioner and Lab Equipment amounting to Rs. 5,53,607/- were wrongly accounted for as office expense and furniture worth Rs. 45,727/- was wrongly accounted for as Repair & Maintenance of others, unutilized grant in aid of Rs. 5,13,80,400/- was wrongly accounted for as income, wrong booking of showroom as land and non reconciliation of stamps in franking machine etc.

16. Miscellaneous Receipts:

Miscellaneous Receipts amounting to Rs. 72,14,336/- include all receipts the nature of which could not be identified. It includes huge amounts received through ICICI Bank (E-Gateway) and also includes securities which are refundable. Miscellaneous Receipts have been treated as Income irrespective of whether they are capital or revenue.

17. Dishonoured Cheques:

We have observed during our random audit checks in respect of dishonoured cheques that the income account is reversed/debited without debiting the party from whom the cheque was received.

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However in the absence of any records, it is difficult to trace party wise detail regarding dishonoured cheques and to ensure that such payments have been realized in future. There is no list of cheques dishonoured which have not been reversed. In our opinion, the lack of Internal Control on this issue may result in leakage of revenue.

18. Confirmation of Liabilities:

Apart from various other outstanding liabilities, the following amounts have also been shown in the books of accounts to be payable as on 31st March 2019:

Earnest money payable	Rs. 14,22,066/-
Security Deposit (Refundable)	Rs. 117,41,98,894/-
G.P.F Liability	Rs. 8,85,58,526/-
C.P.F Liability	Rs. 2,37,69,995/-
NGT Fee Payable	Rs. 63,39,100/-

No party/person wise details, confirmations and reconciliation of such amounts are being maintained in the case of Earnest money payable and

Security Deposits (Refundable) which may lead to wrong claims. Further no details are available in respect of securities which are required to be forfeited.

As per person wise detail provided to us, the balance of GPF Liability is Rs. 8,72,60,069/- and of CPF Liability is Rs. 2,34,45,917/-. These amounts do not match with the balances in the Books of Accounts. The GPF liability in books of accounts is excess by Rs. 12,98,457/- and CPF liability is excess by Rs. 3,24,078/-.

19. C.R.E.P Fund:

The Board has liability in shape of a fund called "C.R.E.P Fund" amounting to Rs.15,20,000/- which is outstanding in the Balance Sheet for more than eight years.

20. Leave Encashment, Gratuity and Pension Fund:

The Board has maintained various funds like Leave Encashment Fund, Gratuity Fund and Pension Fund with LIC for employee benefits, Claims paid during the year are booked as an expense and interest earned on these funds is booked as an Income. These claims are paid by LIC and reduced from respective funds. It is not certain as to who calculates these and whether Individual accounts of the persons and their reconciliation is done from time to time.

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21. Amount released to Eco Clubs:

Detail of amounts released to various Eco Clubs during the year and reimbursement obtained from Ministry of Environment, Forest and Climate change was not available for verification.

Place: Panchkula
Dated: July 08, 2022

CPV



For **BRIJ GUPTA & CO.**
Chartered Accountants
(FRN: 003070N)

(CA. B M GUPTA)
Partner
M.No.081962

UDIN:22081962AMMORT7957

HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)
BALANCE SHEET AS AT 31ST MARCH 2019

PREVIOUS YEAR	LIABILITIES CAPITAL ACCOUNT:-	AMOUNT	TOTAL	PREVIOUS YEAR	ASSETS	AMOUNT	TOTAL	
37008956	Operating balance as on 01.04.2018	37008956	37008956	128488242	FIXED ASSETS (as per Annexure 'D' attached)	101321004	161321004	
	EXCESS OF INCOME OVER EXPENDITURE:-				1. CURRENT ASSETS:-	1599		
4049318013	Operatic balance as on 01.04.2018	4401287792		7154	of Cash in hand	198765539	59310	
310071982	Add Amount transferred from Reserve & Expenditure Account	1062408481		870926147	of Balance with banks			
				44109	of per Annexure 'E' attached			
				1187213826	of Shares in Existing Machine	3784411779		
				171836110	of fixed deposit with banks	186908214		
					of Interest Accrued on fixed deposit with banks			
4408387297			4601866478	4300017608			4120126410	
	CURRENT LIABILITIES & PROVISIONS:-				2. LOANS AND ADVANCES			
104729198	of Security Deposits (Receivable)	1171138624		18996652	of Advances against purchase document 'F. I.	194201136		
731562	of Balance Payable (Annexure 'A')	7173245		20000000	of Advance Contribution of Residential Grants	120000000		
434324	of Other Current liabilities (Annexure 'H')	2628743		2859362	of Small Advances (Annexure 'G')	3799581		
974893	of Unutilised Grant in Aid	3149362			of Advances to staff/other (Annexure 'H')	8887120		
904337	of Debt received payable to Govt. of India	2528978		7912498	of Interest to R.A. (Annexure 'I')	17500073		
1300000	of CRPF Band	1320000		71585632	of Pension Fund with LIC	331971186		
19898731	of C/PF liability	33769226		49730750	of Guaranty Fund with LIC	18510138		
1422006	of Current Money	1422006		30274926	of Loan encashment with LIC	27600562		
611394	of Grant in Aid/loan Club	2109794		10723287	of Debt (Debt) Fund	1143422		
9000104	of C/PF liability	80528220		1000	of Advance to Pension & Gratuity Account	1090		
5289	of Amount due to Staff (Annexure 'J')	4600			of Reserve from Director Empanelment	6183860		
3906424	of Provision for Income Tax	104740437		324470	of Tax Deducted at Source FY 2010-11	234470		
28900	of Contribution Fund	292000		616014	of Tax Deducted at Source FY 2011-12	616014		
1300000	of MGT Fee Payable	6129100		719672	of Tax Deducted at Source FY 2012-13	719672		
490000	of MGT Fee Payable	51189400		453174	of Tax Deducted at Source FY 2013-14	453174		
				2560240	of Tax Deducted at Source FY 2014-15	2290240		
				5073310	of Tax Deducted at Source FY 2015-16	5693514		
				9741110	of Tax Deducted at Source FY 2016-17	9741110		
				40000000	of Advance Income Tax FY 2017-18	109932736		
				19202981	of Tax Deducted at Source FY 2017-18	92000000		
				895166433	of Advance Income Tax FY 2016-19	21966714		
				1238261928	of Tax Deducted at Source FY 2018-19	892566833		
1328370926		14677964939	6106830792	5667767878			1793178998	
2667767878	G. TOTAL(Rs.)				G. TOTAL(Rs.)			8109830392

For Haryana State Pollution Control Board
 (Senior Accounts Officer)
[Signature]

2-10-2019
 (Member Secretary)

Date: July 8, 2022
 Place: Panchkula

[Signature]

AUDITORS REPORT
 As per our attached report of even date

For Brij Gupta & Co.
 Chartered Accountants
 FNS 000070X

CA B K GUPTA
 (Partner)
 M.S. 081962



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HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31ST MARCH 2019

PREVIOUS YEAR EXPENDITURE	AMOUNT	TOTAL	PREVIOUS YEAR	INCOME	AMOUNT	TOTAL
ADMINISTRATIVE EXPENSES:-						
A: ESTABLISHMENT EXPENSES						
			22963360	Received From Govt. of India/Cess Share/	10432722	
874765	Leave Salary	599292				
2654314	New Pension Board Contribution	4285717				10432722
6223	House Rent Board Contribution	0				
953994	Pension Contribution	312195				
1070386	CPE Board Contribution	2005809				
146511936	Salary A/c	188029820.5				
41984429	Pension Account	143570658	12000	HWM Fee	200000	
	0 Appeal Fee Paid	1500	18408	Right To Information Fee	17158	
7932212	Gratuity	15106442	123403123	Air Consent Fee	65597676	
5452401	Leave Encashment	7990503	510000	Appeal Fee	975000	
	0 Penalty	485000	225442836.9	Water Consent Fee	2758363109	
	0 CM Relief Fund	10000000	7495419	Sample Testing Fee	7188373	
			43408225	NOC Fee	66863807	
			187598	Noise/Sound Pollution	3500	
			345250	Authorisation Fee/ EMW Fee	121250	
			620000	Recognition Fee	20000	
			1718690	Public Hearing	3078900	
			60448	G.S. Board Contribution	46342	
			637371	NWMP Fee	212877	
207441059		372376936				419697992
207441059	TOTAL (A)	372376936	426822728.9	TOTAL (A)		430130714
B: CONTINGENT EXPENDITURE:-						
			237715	B: INTEREST		
1675232	Rent, Rates & Taxes	3114707	3867	Car Advance	71550	
676127	Postage & Telegram	849655	2156	Computer Advance	0	
1077081	Telephone Expenses	1152494	2400	Scoter Advance	0	
			725749	Moped Advance	733	
				HBMA	706925	
			253491443	Interest on FDR (Annure "J")	279706267	
			14460066	Interest on Savings A/c with banks	22344996	
			12277116	Interest received from LHP/Jan, Gratuity/leave	11510298	
				Enrichment	0	
			153637	Marriage Advance	0	
3428440		5316856	281360150			314341269
210869499	BALANCE CARRIED FORWARD	377693792	708182879	BALANCE CARRIED FORWARD		744471983



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PREVIOUS YEAR EXPENDITURE	AMOUNT	TOTAL	PREVIOUS YEAR	INCOME	AMOUNT	TOTAL
210869499 BALANCE BROUGHT FORWARD		377693792	708182879	BALANCE BROUGHT FORWARD		744471983
25750 Honorarium	915091		13848503	C: MISCELLANEOUS RECEIPTS	7214336	
5578394 Water & Electricity Charges	5381498					
490500 Education Allowance	774175					
240148 Medical Reimbursement	3631395					
397004 Repairs of Office Equipment	2536605					
0 Property Tax	326469					
2500 Seminar & Workshop	18890					
2817018 Office Expenditure	3374717					
1374801 Printing & Stationary	1855355					
669490 Professional Charges	1052946					
10029911 Environmental Awareness	3546382					
723193 Hospitality & Entertainment	828488					
36554 Newspaper & Magazine	78132					
1500 Liveries	0					
63065.99 Bank Charges	968101.5					
7694061 Advertisement & Publicity	10027020					
0 Insurance GIS	38150.4					
219913 LTC/HTC	878935					
1079359.5 TA Expenditure	1257783					
11050 Repairs & Maintenance (Lab)	108914					
639191 Repairs & Maintenance (Building)	1258812					
3693540 Computer Expenses	2600273					
2778427 Laboratory Expenses	1109436					
275530 Lab Materials	482743					
415768 Repairs & Maintenance (Others)	1213278					
25000 Ex-Gratia	0					
Research & Development Project Report & Studies	0					
3771700 Studies	0					
299610 Misc Expenses	272612					
223011 Insurance Of Vehicle & Building	1615560					
0 Taxi Expenses	1615560					
0 Misc Expenses	250					
45957229		44066201	13848503			7214336
256826728 BALANCE CARRIED FORWARD		421759993	722031582	BALANCE CARRIED FORWARD		751686319

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PREVIOUS YEAR EXPENDITURE	AMOUNT	TOTAL	PREVIOUS YEAR INCOME	AMOUNT	TOTAL
256826728 BALANCE BROUGHT FORWARD		421759993	722031382 BALANCE BROUGHT FORWARD		751686319
TOTAL (B)					
4540869 P.O.L.	5733903				
1204234 Repairs	1594135				
5745103		7328038			
TOTAL (C)					
D. INCOME TAX					
79006224 Income Tax	104740437				
79006224		104740437			
TOTAL (D)					
E. OTHER ADMN. EXPENSES					
94400 Audit Fees	94400				
6898183 Interest on GPF Accounts	6750014				
4514307 Legal Expenses	4878190				
1326380 Interest on CPF Accounts	1360402				
12833270		13283006			
TOTAL (E)					
11548075 F. DEPRECIATION (as per Annexure attached)	8106364	8106364			
356071982 To Excess Of Income Over Expenditure transferred to Balance sheet		196468481			
722031382		751686319	722031382		751686319
GRAND TOTAL (Rs.)			GRAND TOTAL (Rs.)		

For Haryana State Pollution Control Board

(Senior Accounts Officer)

(Signature)
Ajay Prakash

(Member Secretary)

5.10/04/02

AUDITORS' REPORT
As per our attached report of even date

For Brij Gupta & Co.
Chartered Accountants
FRN003070X

(Signature)

CA B M GUPTA
(Partner)
M.No.081962

Dated : July 8, 2022
Place : Panchkhis

(Signature)



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HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)

ANNEXURE 'A' EXPENSES PAYABLE

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
70,46,974	Salaries Payable	6843107
2,92,150	Audit Fee Payable	327800
2,438	House Rent Payable	2438
73,41,562	TOTAL(Rs.)	7173345

ANNEXURE 'B' OF OTHER CURRENT LIABILITIES

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
7,212	GIS Payable	7012
38,610	HBA Payable	7240
3,870	Car Advance Payable	5400
6,32,797	Leave Encashment Payable	403729
1,34,167	CPF Payable	175992
4,23,283	TDS Payable	677368
9,37,505	GPF Payable	895505
2,295	Scoter Advance Payable	765
10,79,876	New Pension Scheme Payable	(3,46,500)
10,74,679	Gratuity Payable	711463
0	GPF Advance Payable	5000
0	Interest on HBA Payable	7050
0	GST Payable	86723
43,34,294	TOTAL(Rs.)	2636747

ANNEXURE 'C' OF AMOUNT DUE TO STAFF & OTHERS

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
5,163	Sh. Sushil Kumar	5163
126	Sh. Vikas driver	0
0	Sh. Rajinder Sharma	75
0	Sh. Lokesh Singh Advocate	43450
5,289	TOTAL(Rs.)	48688

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HARYANA STATE POLLUTION CONTROL BOARD, PARCHUKLA (HARYANA)
ANNEXURE 'D' OF FIXED ASSETS

Sl. NO.	PARTICULARS	WDV AS ON 01.04.2018	UPTO 30.09.2018	A D D I T I O N S		SALES DURING THE YEAR	TOTAL AS ON 31.03.2019	Rate of Depreciation	DEPRECIATION DURING THE YEAR	WDV AS ON 31.03.2019
				AFTER 01.10.2018						
1	Land	8,02,75,027			2,659,000	-	10,29,34,027	0%	-	10,29,34,027
2	Building Under Construction	11,55,018					11,55,018	0%	-	11,55,018
3	Building	2,30,36,279	2,22,459		5,630	-	2,32,64,368	10%	23,26,155	2,09,38,213
4	Air Conditioners/Coolers		29		37,300	-	37,328	15%	2,802	34,526
5	Fans		21			-	21	10%	2	19
6	Paper Copying machine		9			-	9	15%	1	8
7	Machinery Equipments	65,29,160	98,095		20,87,705	-	86,85,020	15%	11,46,171	75,38,849
8	Laboratory Equipments	87,63,539	4,11,577		61,95,450	-	1,53,70,566	15%	18,40,926	1,35,29,640
9	Furniture & fixtures	33,63,212	8,45,808		12,55,965	-	54,64,985	10%	4,83,700	49,81,285
10	Library books	13,445	2,470			-	15,915	40%	6,366	9,549
11	Car	51,73,029			28,06,346	1,75,208	78,44,107	15%	9,63,149	68,81,018
12	Cycle		95		3,190		3,384	15%	254	3,131
13	Computers	11,79,480	8,57,053		26,21,126		46,62,659	40%	11,36,838	35,25,821
	TOTAL[In.]	12,94,85,342	24,02,462	3,77,11,772	1,75,208	16,94,27,368	81,06,364		16,13,21,004	

(M) Director, Air Pollution
 DATE: July 8, 2012
 PLACE: Panchkula

(Signature)



5.10.10/2012
 (Member Secretary)

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ANNEXURE 'G' OF STAFF ADVANCES

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
2,807	Computer Advance	2807
26,725	Scoter/Motor Cycle Advance	8725
3,190	Cycle Advance	
5,01,885	Marriage Advance	630404
23,499	CPF Advance	23498.75
5,58,036	Car Advance	281644
14,99,404	House Building Advance	787637
12,29,620	OPF Advance	1850169
4,896	Advance for POL to Director Env.	4896
0	Moped Advance	0
9,300	Advance for T.A.	9300
38,59,362	TOTAL(Rs.)	3599081

HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)

ANNEXURE 'H' OF ADVANCES TO STAFF & Ro's

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
	A: ADVANCE TO STAFF	
201	Sh. Vinay Jhingan, ADA	201
500	Sh. Ranbir, Peon	500
6,000	Sh. Vinod Kumar Driver	6000
2,511	Sh. Mastinder Singh	2511
5,000	Sh. Manish Kumar	5000
93,900	Sh. Sunil Kaumar	0
1,000	Sh. Roshan Lal	0
3,846	Sh. Kashmir Singh	0
12,088	Sh. Avtar Singh Driver	16000
5,083	Sh. Bijender Kumar	83
0	Sh. PKMK Dass	36097
0	Sh. Sarwan Kumar Programmer	10000
0	Sh. Sanjay Kumar	14057
0	Sh. Vikas Peon	1000
1,30,129	TOTAL(Rs.) (A)	91449
	B: ADVANCE TO Ro's	
379003	Advance Lab Faridabad	110000
110000	Advance Lab Gurugram	100000
100000	Advance Lab Hissar	100000
100000	Advance Ro Bahadurgarh	335483
335483	Advance Ro Ballabgarh	531536
531536	Advance Ro Dharuhera	742883
842683	Advance Ro Faridabad	580390
410390	Advance RO Gurugram North	379003
1171000	ADVANCE R.o. Gurugram South	1482013
297005	Advance RO Hisar Region	409674
207500	Advance Ro Jind	207500
747593	Advance RO Panchkula	2402261
447335	Advance Ro Panipat	447335
585436	Advance RO Sonapat	340488
15,17,356	Advance Ro Yamuna Nagar	667358
7782320	TOTAL(Rs.) (B)	8795722
7912448	TOTAL(Rs.) (A+B)	8887170

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03/19

HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)**ANNEXURE 'E' OF BANK BALANCES**

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
2,43,33,918	PNB (A/c 20328057)	6205648
35,25,693	PNB (A/c 20328136)	0
1,51,27,056	PNB (A/c 20328215)	0
35,98,365	PNB (A/c 20327915)	15256732
10,002	UBI 18039	10002
64,07,272	Andhra Bank (A/c 283)	997754
45,000	PNB (A/c 41180)	45000
26,99,59,869	PNB Sec-5, PKL (A/c No. 7912)	92047890
67,32,022	ICICI Bank (A/c No. E - Gateway)	29602516
53,74,30,312	Indusind Bank	914379
37,56,639	PNB Sector 8 (A/c No. 5744)	0
0	Axis Bank 0932	300369
0	HDFC Bank Sector 27	115189
0	PNB Flexi	53270080
87,09,26,147	TOTAL(Rs.)	198765559

ANNEXURE 'F' FOR ADVANCE AGAINST PURCHASES

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
3,84,904	Haryana Forest Development Corporation	2450000
1,36,710	Controller Printing & Stationery deptt.	138153
74,62,821	Hartron Chandigarh	6685398.25
6,872	Sigma Aldrich Chemical	6872
40,78,000	HAREDA	0
6	Mahindra & Mahindra	6
40,500	CPR Environmental Education Central Chennai	40500
62,79,320	NIC (National Informatics Centre)	10179249
73,034	Reliance Broadcast Network Limited	73034
5,00,000	Haryana Tourism	500000
34,387	Usha Enterprises	0
0	Durga Nursery	12910
0	Sai Auto Enterprises	10537
0	Executive Engeenier	5000000
0	Suraj Kund	500000
0	National Environmental Research Centre(NEERI)	600000
0	Indian Insitute of Technology	600000
0	HARSAC	2163500
0	PGIMER	1732280
0	Environment S.A.	118508697
1,89,96,554	TOTAL(Rs.)	194201136



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ANNEXURE 'I' OF IMPREST TO LAB & Ro's		
PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
0	Imprest Lab Faridabad	100000
0	Imprest Lab Gurugram	100012
0	IMPREST LAB HISAR	100000
0	Imprest Lab- Panchkula	200000
0	Imprest RO Bahadurgarh	132700
0	Imprest RO Ballabgarh	100000
0	Imprest R.O Bhiwani	100000
0	Imprest RO Dharuhera	100000
0	Imprest RO Faridabad	100000
0	Imprest RO Gurugram North	67300
0	Imprest R.O Gurugram South	100033
0	Imprest Ro Hissar	100030
0	Imprest RO Panchkula	100000
0	IMPREST R.O PANIPAT	100000
0	Imprest RO Sonapat	99998
0	Imprest RO Yamuna Nagar	100000
	TOTAL(Rs.)	1700073

HARYANA STATE POLLUTION CONTROL BOARD, PANCHKULA (HARYANA)

ANNEXURE 'J' OF INTEREST INCOME ON FDR

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
17,83,61,187	Interest Received on FDR	240849439
11,59,01,814	Less : Accrued Interest on Previous Year	171826110
17,18,26,110	Add: Accrued Interest on Current Year	186696214
1,92,05,961	Add: TDS (2018-19)	23986724
25,34,91,443	TOTAL(Rs.)	279706267

For Haryana State Pollution Control Board

(Senior Accounts Officer)

Dated : July 8, 2022
Place : Panchkula

S. Talwar
(Member Secretary)



Details of observations made by the Statuary Auditor in the audited Balance Sheet for the year ending 31st march, 2019 (F.Y 2018-19) and reply of the Board

(Annexure-C)

OBSERVATIONS	REPLY
<p>1] Water (Prevention and Control of Pollution) Act, 1974 and the Air(Prevention and Control of Pollution) Act, 1981 regarding Annual Report:-</p> <p>As per clause 35 sub-clause 2 of "The Air (Prevention and Control of Pollution) Act, 1981. Every State Board shall, during each financial year, prepare, in such form as may be prescribed, an annual report @/ing full account of its activities under this act during the previous financial year and copies thereof shall be forwarded to the State Government within four months from the last date of the previous financial year and that government shall cause every such report to be laid before the State Legislature within a period of nine months from the last date of the previous financial year.</p> <p>As per clause 39 sub-clause 2 of 'Water (Prevention and control of Pollution) Act, 1974'</p> <p>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 copies thereof shall be forwarded to the State Government within four months from the last date of the previous financial year and that government shall cause every such report to be laid before the State Legislature within a period of nine months from the last date of previous financial year.</p> <p>As informed the Board has not complied with the above mentioned time schedule for furnishing the Annual Returns of its accounts due to delay in getting the accounts finalized and audited.</p>	<p>The accounts of the Board for the F.Y 2017-18 have been audited by the Statuary Auditor M/s. Brij Gupta & Co. Chartered Accountant, H.No- 729-A basement, Near Huda offices, Sector-8, Panchkula (Haryana) appointed by Comptroller and Auditor General of India. The Balance Sheet Income and Expenditure account for the F.Y 2017-18 have already been sent to State Government after approval given by BOD of the Board in its 191th meeting held on 8.4.2022 vide agenda item No. 191.12 vide office letter No. HSPCB/Accts/2022/62 dated 22.4.2022.</p> <p>M/s. Brij Gupta & Co. Chartered Accountant, H.No- 729-A basement, Near Huda offices, Sector-8, Panchkula has been appointed to audit the Balance Sheet for the F.Y 2017-18 to 2020-21 vide Govt. Letter No. 2/16/1997-JENB dated 22.6.2021. The Chartered Accountant has completed the audit of Balance Sheet for the year 2018-19 and has been requested to complete the audit of the Balance Sheet for the F.Y 2019-20 immediately.</p>

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03/21

2) Loss incurred due to surplus funds not invested in FDR with banks: The Board incurred a loss of Rs.2,07,19,898/- during the year kept as surplus funds in saving accounts instead of FDR with various banks as per detail here under:-

Name of Bank	Diff. in FDR & SB rate	Interest Loss(Rs.)
PNB(7912)	4.85%	44,16,024
PNB(8057)	4.85%	38,23,102
PNB(5744)	4.85%	1,40,018
PNB(7915)	4.85%	2,55,016
Industrial Bank(3757)	3.35%	1,17,69,146
Andhra Bank	4.85%	3,16,592
Total		2,07,19,898

The Haryana State Pollution Control Board received the amount under various heads in the banks directly from various industries/firms/units etc. on account of fees & performance security etc. on day to day basis. The emergent expenditure is incurred from receipts and balance funds if any is invested in fixed deposit (FDR's) in the banks. As such there is no loss of interest to the Board.

3) Land

The Board has made payments totaling Rs. 10,29,34,027/- upto 31st March 2019 for purchase of land at Panipat, Panchkula, and Gurugram. Out of the five properties included on the Land, Conveyance deed has been executed for only one property at Sector-3, I/N.T. Manesar, Distt Gurugram. For Panipat Showroom, even letter of allotment was not available. Besides, no documents were made available for our verification for share of Board worth Rs. 4,00,25,300/- in Swarn Jayanti Building, Gurugram. The Board has possession letter of 6255sq meter land for office building in Sector 15, Part II, Sonapat worth Rs. 11,81,472/- allotted in the year 2001-02, however, no such land at Sonapat exists in the detail of land submitted to us and books of account of the Board.

The Plot for the office of R.O Sonapat has been taken in the land/plot Account. Action regarding conveyance deed for the Land/Plot at Sonpat, Bahadurgarh, Panipat & Gurugram (S) is under consideration. The conveyance deed of plot at Panchkula (Residential Complex) has been executed. Action regarding record of RO Panipat (Showroom) and Swarn Jayanti Building, Gurugram is being taken(Estate Office).

03/22

<p>4) Defaults in filing of TDS Returns.</p> <p>As per Traces, a default of Rs. 33,680/- persists up to 31/03/2019 in filing TDS returns.</p>	<p>The Chartered Accountant M/s Jain & Associates, Panchkula has been engaged for filing of Income Tax Return of the Board. The C.A has been requested to advise in the matter. On receipts of the advice from the C.A, final action will taken.</p>
<p>5) Bank Reconciliation Statements:</p> <p>i) PNB Sec-6, PNL (A/c No. 7912) Board has issued cheques amounting to Rs.58,39,032/- during the period 2015-16 to December, 2018 which have not been presented to the bank and have become stale. Similarly Board has received credits amounting to Rs.10,40,381/- in the bank which have not been identified and accounted for in its books of account.</p> <p>ii) PNB (A/c 8057) Board has issued cheques amounting to Rs.88,36,973/- during the period 2012-13 to 2018-19 which have not been presented to the bank as per Bank Reconciliation Statement provided to us and all these cheques issued have become stale.</p> <p>iii) PNB (A/c 41180) Bank reconciliation statement was not made available for our verification. The difference in the amount as per cash book and as per Bank is Rs. 45000/-. In the absence of reconciliation details we are unable to comment upon it.</p>	<p>i) All the outdated/stale cheques/demand drafts have been sent to all the concerned regional officers with the direction to send the fresh demand drafts/cheques after taking from the parties/firms etc.</p> <p>ii) Bank reconciliation is being done by the Cashier.</p> <p>iii) Bank reconciliation is being done by the Cashier.</p>

CPJ

03/23

<p>iv) UBI (A/c 18035) Bank reconciliation statement was not made available for our verification. The difference in the amount as per cash book and as per bank is Rs. 10,000/-. In the absence of reconciliation details we are unable to comment upon it.</p> <p>v) The Banks for which reconciliation were provided to us, the statements do not mention the dates on which the entry appearing in the BS5 has been cleared or reversed in future.</p> <p>vi) Outstanding entries (cheque issued but not presented and cheque deposited but not credited by the bank) have not been reversed. In case, certain cheques deposited which were not credited may become irrecoverable as the particulars of the issuer of the cheque are not available and it is not known from whom this amount is recoverable and loss to the Board on account of non-recovery of these amounts cannot be ascertained. We advise that sincere efforts be made to recover the amounts for which cheques has been deposited but which have not been cleared by the banks as it directly affects the income of the Board.</p>	<p>v) Bank reconciliation is being made by the Cashier.</p> <p>v) Accounts are being reconciled.</p> <p>vi) All the outdated/state cheques/demand drafts have been sent to all the concerned regional officers with the direction to send the fresh demand drafts/cheques after taking from the parties/firms etc.</p>
<p>5) In Respect of Fee charged for Various Consents:</p> <p>Air Consent Fee, Water Consent Fee, NOC Fee, Noise Fee, BMW Fee, Recognition Fee, Public Hearing Fee and Appeal Fee which have been received are duly accounted for but the amounts which were recoverable under the above heads but have not been recovered needs to be quantified and steps taken to recover the same. Copies of the bills raised for these fees should be numbered and sent to the Head Office for full control and reconciliation to determine the unrecovered amount.</p>	<p>The Air Consent Fee, Water Consent Fee, NOC Fee, Noise Fee, BMW Fee, Recognition Fee, Public Hearing Fee and Appeal Fee and NWMF Fees is received through E-gateway Account through ICICI Bank in shape of MIS. On the basis of MIS the fee is being booked head wise. The online control on the firms/unit/factory etc. is being kept by the concerned R.O also.</p>

03/24

<p>7) In Respect of Fee charged for Lab Sample Testing Year wise detail of fee collection and reports issued by the Board on account of various tests was not available. In absence of any record, we are unable to quantify the amounts which have been claimed but not recovered. Any such fee remaining recoverable as on 31.03.2019 due to dishonor of cheques or otherwise is also not ascertainable.</p>	<p>Concerned Regional Officers have been requested to send the information regarding confirmation of the fee charged for various contents for the year 2017-18, 2018-19, 2019-20 & 2020-21 vide letter no. HSPCB/Actcts./2022/378-383 dated 05.08.2022 (Panchkula), HSPCB/Actcts./2022/372-377 dated 05.08.2022(Hisar), HSPCB/Actcts./2022/366-371 dated 05.08.2022 (Ferozabad) and HSPCB/Actcts./2022/360-365 dated 05.08.2022 (Gurgaon North).</p>																																								
<p>8) Advance against Purchases The Board had released advances to the following suppliers during the previous year which have not been adjusted in the current year.</p> <table border="1"> <thead> <tr> <th data-bbox="837 118 1023 1137">Name of Supplier</th> <th data-bbox="837 1137 1023 2110">Amount (Rs.)</th> </tr> </thead> <tbody> <tr> <td data-bbox="790 118 837 1137">i) Controller Printing and Stationery Department</td> <td data-bbox="790 1137 837 2110">1,36,710/-</td> </tr> <tr> <td data-bbox="758 118 790 1137">ii) Harton</td> <td data-bbox="758 1137 790 2110">66,85,398/-</td> </tr> <tr> <td data-bbox="726 118 758 1137">iii) Sigma Aldrich Chemical</td> <td data-bbox="726 1137 758 2110">6,872/-</td> </tr> <tr> <td data-bbox="694 118 726 1137">iv) HASEDA</td> <td data-bbox="694 1137 726 2110">40,78,000/-</td> </tr> <tr> <td data-bbox="662 118 694 1137">v) Mahindra and Mahindra</td> <td data-bbox="662 1137 694 2110">6/-</td> </tr> <tr> <td data-bbox="630 118 662 1137">vi) CPRI Environmental Education Central Chennai</td> <td data-bbox="630 1137 662 2110">40,500/-</td> </tr> <tr> <td data-bbox="598 118 630 1137">vii) NIC (National Informatics Centre)</td> <td data-bbox="598 1137 630 2110">62,79,320/-</td> </tr> <tr> <td data-bbox="566 118 598 1137">viii) Reliance Broadcast Network Limited</td> <td data-bbox="566 1137 598 2110">73,034/-</td> </tr> <tr> <td data-bbox="330 118 566 1137">ix) Haryana Tourism</td> <td data-bbox="330 1137 566 2110">5,00,000/-</td> </tr> </tbody> </table>	Name of Supplier	Amount (Rs.)	i) Controller Printing and Stationery Department	1,36,710/-	ii) Harton	66,85,398/-	iii) Sigma Aldrich Chemical	6,872/-	iv) HASEDA	40,78,000/-	v) Mahindra and Mahindra	6/-	vi) CPRI Environmental Education Central Chennai	40,500/-	vii) NIC (National Informatics Centre)	62,79,320/-	viii) Reliance Broadcast Network Limited	73,034/-	ix) Haryana Tourism	5,00,000/-	<table border="1"> <tbody> <tr> <td data-bbox="837 1137 1023 2110">i)</td> <td data-bbox="837 1137 1023 2110">Action is under process (Estate Office).</td> </tr> <tr> <td data-bbox="790 1137 837 2110">ii)</td> <td data-bbox="790 1137 837 2110">Outstanding amount has been adjusted in February, 2022 along with other outstanding advance.</td> </tr> <tr> <td data-bbox="758 1137 790 2110">iii)</td> <td data-bbox="758 1137 790 2110">The advance has been adjusted in the month 3/2022.</td> </tr> <tr> <td data-bbox="726 1137 758 2110">iv)</td> <td data-bbox="726 1137 758 2110">The outstanding amount has already been adjusted in the month 10/2018</td> </tr> <tr> <td data-bbox="694 1137 726 2110">v)</td> <td data-bbox="694 1137 726 2110">Rs.7 adjusted in the month 5/2021.</td> </tr> <tr> <td data-bbox="662 1137 694 2110">vi)</td> <td data-bbox="662 1137 694 2110">The outstanding amount adjusted in the month 1/2022</td> </tr> <tr> <td data-bbox="630 1137 662 2110">vii)</td> <td data-bbox="630 1137 662 2110">Advance Rs.1139985(13.11.2017),Rs.181065(26.11.2019),Rs5199739 (31.3.2019),</td> </tr> <tr> <td data-bbox="598 1137 630 2110">viii)</td> <td data-bbox="598 1137 630 2110">Rs.72804(16.12.2021) & Rs.2140563(24.2.2022) adjusted.</td> </tr> <tr> <td data-bbox="566 1137 598 2110">ix)</td> <td data-bbox="566 1137 598 2110">Action is under process (Publicity Cell).</td> </tr> <tr> <td data-bbox="330 1137 566 2110">ix)</td> <td data-bbox="330 1137 566 2110">Action is under process (Publicity Cell).</td> </tr> </tbody> </table>	i)	Action is under process (Estate Office).	ii)	Outstanding amount has been adjusted in February, 2022 along with other outstanding advance.	iii)	The advance has been adjusted in the month 3/2022.	iv)	The outstanding amount has already been adjusted in the month 10/2018	v)	Rs.7 adjusted in the month 5/2021.	vi)	The outstanding amount adjusted in the month 1/2022	vii)	Advance Rs.1139985(13.11.2017),Rs.181065(26.11.2019),Rs5199739 (31.3.2019),	viii)	Rs.72804(16.12.2021) & Rs.2140563(24.2.2022) adjusted.	ix)	Action is under process (Publicity Cell).	ix)	Action is under process (Publicity Cell).
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03/25

<p>9) Confirmation of Balances:</p> <p>Balance confirmations from suppliers and regional offices were not obtained. The amount of un reconciled items that may emerge after the confirmations and reconciliation of accounts cannot be determined and the consequential impact on financial statements remain unascertained. All debit and credit balances including advances are as per book balances. No confirmations for these balances have been obtained.</p>	<p>All the regional officers have been given directions regarding confirmation of imprest and advance balances as on 31.3.2018 and 31.3.2019 vide letter no. HSP/CA/ACCTS/2022/1527-1529 dated 28.02.2022. The Cashbook of Regional Office is also being verified/authenticated by the Sr. Accounts Officer (DDO).</p>
<p>10) Tax Deduction at Source by Banks on Interest on FDRs:</p> <p>The Board has not obtained certificate for the amount of interest earned and TDS deducted during the year from various banks with whom it is keeping accounts in fixed deposits. In absence of confirmation of TDS from the Banks, it is difficult to verify that all the TDS deducted from interest on FDRs have been duly accounted for in the Board's accounts and same has been duly reflected in Form 26AS. In case, certain TDS was deducted from the interest on FDRs but was unconfirmed by Banks and was inadvertently not reflected in 26AS which may lead to loss to the Board due to omission of this claim in Income Tax Return.</p> <p>Therefore, the Board is advised to take necessary steps to claim the Actual Tax deducted during the year and also follow up with the banks that whatsoever TDS has been deducted by them gets reflected in 26 AS. It may be ensured that PAN of the Board is updated in the records of each and every bank.</p>	<p>The Chartered Accountant M/s Jain & Associates, Parichkula has been engaged for filing of Income Tax Return of the Board. The CA has been requested to advise in the matter. On receipts of the advice from the C.A, final action will taken.</p>

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03/26

11) Filing of Income Tax Returns:

a) FY 2018-19

Interest on FDRs as per Income and Expenditure Account Rs. 30,20,51,263/- Interest on FDRs as per Income Tax Return filed- Rs. 28,71,81,159/-

The differences in the Interest on FDRs & Savings per Income and Expenditure Account and as per Income Tax Return filed have not been explained.

b) All the Income Tax returns have been filed on the basis of Provisional Financial Statements which do not tally with the Financial Statements. In the Income Tax Return filed for the year, tax has been calculated on Gross Income of Rs. 48,89,83,663/- whereas as per Audited Financial Statement, Income for the year before provision of Income Tax is Rs. 30,12,08,918/-.

c) On going through the copy of Assessment Order for AY 2019-20 (FY 2018-19) it has been observed that a return with a total income of Rs. 28,80,25,500/- was filed, Rs. 3,56,094/- was paid as interest for the Assessment year 2019-20 (FY 2018-19) U/S 234. Thus the Board paid undue amount of interest inspite of no shortage of funds with the Board.

d) Provision for Income Tax amounting to Rs. 10,47,40,437 /- for the FY 2018-19 has been made in the books of account and accordingly reflected in the financial statements, which was not provided in the Provisional Balance Sheet.

The Chartered Accountant M/s Jain & Associates, Panchkula has been engaged for filing of Income Tax Return of the Board. The C.A has been requested to advise in the matter. On receipts of the advice from the C.A, final action will taken.

03/27

CA

<p>12) Fixed Assets: The WDV of fixed assets of the Board is worth Rs.16,13,21,006/- as on 31st March, 2019. During the F.Y 2018-19, total net additions of Rs.4,01,14,234/- were made. Fixed Assets register showing the quantitative details of various assets was not made available to us for verification. Further as explained to us, no physical verification of fixed assets was carried out during the F.Y2018-19.</p>	<p>Fixed Assets Register is being maintained in the Board, Regional Offices & Laboratories as per past practice. Presently physical verification of store is being conducted from the year 2018-19.</p>
<p>13) Inventories of Lab Materials: The Board purchased Lab material amounting to Rs.4,82,743/- Stock registers for lab materials were not shown to us. Hence we cannot comment as to whether proper entries of receipt and issues of stock are maintained or not. The periodic physical verifications of the stocks have not been conducted by the Board during 2018-19. The quantity of the stock lying with the concerned departments as at the close of year cannot be determined. Thus we are not able to figure out the value of unconsumed closing stocks of lab materials as on 31st March, 2019. The inventories in hand as at the end of the year are also not available and the entire purchases during theyear are booked as expenses and that too on cash basis.</p>	<p>Fixed Assets Register is being maintained in the laboratories as per past practice. Presently physical verification of store is being conducted from the year 2018-19.</p>
<p>14) Mixed System of Accounting The Board is following mixed system of accounting as certain Income and Expenses are recognized on cash basis whereas others are recognized on accrual basis. It is observed that bills/claims for various expenses are submitted/approved/settled/paid and recorded on Payment basis irrespective of the period they pertain to and in many cases after a long gap from the date they were incurred. In our opinion the Board should follow Mercantile/Accrual system of accounting so that expenditure incurred and income accrued in a year is accounted for in the same year.</p>	<p>The accounts of the Board are being maintained on cash based system and Mercantile/Accrual system is not feasible to be maintained due to delay in the finalization of cases. Further, Accounting system of the HSPCB has now been computerized on Tally Software.</p>

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03/28

<p>15) Internal Audit and Internal Control</p> <p>The Board is not having any system of internal audit of its accounts, neither by Internal Auditor nor by External Auditor. Further based on our enquiries, in respect of some aspects no proper system of internal control procedure was apparently in place. Bank Reconciliation does not identify cheques issued which have been dishonoured but not reversed. Cheques dishonoured may not be renewed in absence of internal audit procedures. The absence of record, reconciliation and wrong claims of TDS may lead to loss to the Board. The entries for Income as per the Income Tax Return, Income Tax Paid, TDS claimed and interest paid on late deposit of taxes were not made from year to year. Advances of Rs. 75,45,780/- released for preparation of Projects Reports & Studies and for organizing Environmental camps were wrongly accounted for as expenditure. Desktops, Printers and software amounting to Rs. 2,39,806/- were wrongly accounted for a computer expenses instead of fixed assets. Desktops, Furniture, Air Conditioner and Lab Equipment amounting to Rs. 5,53,607/- were wrongly accounted for as office expenses and furniture worth Rs. 45,727/- was wrongly accounted for as Repair & Maintenance of others, unutilized grant in aid of Rs. 5,13,80,400/- was wrongly accounted for as income, wrong booking of showroom as land and non reconciliation of stamps in franking machine etc.</p>	<p>Internal & external audit system has already been adopted by the Board. One Post of Section Officer, One Post of Accounts Officer and One Post of Sr. Accounts Officer of the Finance Department have already been sanctioned in the Board to Control over accounts & presently all the payment/receipts are being scrutinized/ pre-audited. Action on the dishonoured cheques/demand draft is being taken. To streamline the accounts Tally software has been installed.</p>
<p>16) Miscellaneous Receipts:</p> <p>Miscellaneous Receipts amounting to Rs. 72,14,336/- include all receipt the nature of which could not be identified. It includes huge amounts received through ICICI Bank (E-Gateway) and also includes securities which are refundable. Miscellaneous Receipts have been treated as Income irrespective of whether they are capital or revenue.</p>	<p>Bank reconciliation is being made.</p>
<p>17) Dishonoured Cheques:</p> <p>We have observed during our random audit checks in respect of dishonoured cheques that the income account is reversed/deleted without debiting the party from whom the cheque was received. However in the absence of any records it is difficult to trace party wise detail regarding dishonoured cheques and to ensure that such payments have been realized in future. There is no list of cheques dishonoured which have not been reversed. In our opinion the lack of Internal Control on this issue may result in leakage of revenue.</p>	<p>All the outdated/stale cheques/demand drafts Party/Firm wise have been sent to all the concerned Regional Officers with the direction to send the fresh demand drafts/cheques after taking from the parties/firms etc. The list of Parties/Firms wise dishonoured Cheques/Drafts will be submitted to the C.A.</p>

GR

03/29

<p>18)Confirmation of Liabilities:</p> <p>Apart from various other outstanding liabilities, the following amounts have also been shown in the books of accounts to be payable as on 31st March 2019:</p> <table style="margin-left: 40px;"> <tr><td>Earnest money payable</td><td style="text-align: right;">Rs. 14,22,066/-</td></tr> <tr><td>Security Deposit (Refundable)</td><td style="text-align: right;">Rs. 17,41,98,894/-</td></tr> <tr><td>G.P.F Liability</td><td style="text-align: right;">Rs. 8,85,58,526/-</td></tr> <tr><td>C.P.F Liability</td><td style="text-align: right;">Rs. 2,37,69,995/-</td></tr> <tr><td>MCT Fee Payable</td><td style="text-align: right;">Rs. 63,39,100/-</td></tr> </table> <p>No party/person wise details, confirmations and reconciliation of such amounts are being maintained in the case of Earnest money payable and Security Deposits (Refundable) which may lead to wrong claims. Further no details are available in respect of securities which are required to be forfeited. As per person wise detail provided to us, the balance of G.P.F. Liability is Rs. 8,72,80,069/- and of C.P.F Liability is Rs. 2,34,65,913/-. These amounts do not match with the balances in the Books of Accounts. The GPF liability in books of accounts is excess by Rs. 12,08,457/- and CPF liability is excess by Rs. 3,24,078/-.</p>	Earnest money payable	Rs. 14,22,066/-	Security Deposit (Refundable)	Rs. 17,41,98,894/-	G.P.F Liability	Rs. 8,85,58,526/-	C.P.F Liability	Rs. 2,37,69,995/-	MCT Fee Payable	Rs. 63,39,100/-	<p>In this regard, it is submitted that in the tally software individual ledger (party wise) are being maintained and compliance is being done now.</p>
Earnest money payable	Rs. 14,22,066/-										
Security Deposit (Refundable)	Rs. 17,41,98,894/-										
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C.P.F Liability	Rs. 2,37,69,995/-										
MCT Fee Payable	Rs. 63,39,100/-										
<p>19) C.R.E.P Funds:</p> <p>The Board has liability in shape of a fund called "C.R.E.P Fund" amounting to Rs.15,20,000/- outstanding in the Balance Sheet for more than eight years.</p>	<p>Case regarding C.R.E.P fund (Corporate Responsibility Environment Protection) is under consideration with the Sr.EE-1 (Planning).</p>										
<p>20) Leave Encashment, Gratuity and Pension Fund:</p> <p>The Board has maintained various funds like Leave Encashment Fund, Gratuity Fund and Pension Fund with LIC for employee benefits. Claims paid during the year are booked as an expense and interest earned on these funds is booked as an Income. These claims are paid by LIC and released from respective funds. It is not certain as to who calculates these and whether individual accounts of the persons used their reconciliation is done from time to time</p>	<p>The amount in the leave Encashment fund, Gratuity fund and Pension fund Schemes is released to LIC of India on the request of the Trustee of the Board and on the advice of trustee the amount is released by the LIC of India. The reconciliation is being made by the Trustee of the Board. The calculation Sheet as provided by Trustee has been sent to C.A.</p>										

(Signature)

03/31

<p>21) Amount released to Eco Clubs:</p>	<p>List will be provided to the C.A.</p>
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Detail of amounts released to various Eco Clubs during the year and reimbursement obtained from Ministry of Environment, Forest and Climatechange was not available for verification.

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04/1

Agenda Item No. 18.04 Regarding procedure for issuance of varied consent under the provisions of the Water (Prevention & Control of Pollution), Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981

As per provision of section 27 of the Water (Prevention & Control of Pollution) Act, 1974 the State Board may from time to time review any condition imposed under section 25 or section 26 and may serve on the person to whom a consent under section 25 or section 26 is granted a notice making any reasonable variation of or revoking any such condition.

As per provision of section 21 of the Air (Prevention & Control of Pollution) Act, 1981, the State Board shall, after giving the person to whom consent has been granted an opportunity of being heard, vary all or any of such conditions and thereupon such person shall be bound to comply with the conditions as so varied.

The Board vide order endst. No. 4023-4076 dated 12.12.2018 **(Annexure-I)** issued list of approved fuels in the State of Haryana with adequate pollution control devices for the purpose under provisions of the Air (Prevention & Control of Pollution) Act, 1981.

The Board vide order endst. No. HSPCB/SSC/2019/6916-6939 dated 28.01.2019 **(Annexure-II)** has issued inlet quality standards for common effluent treatment plants (CETPs) in Haryana for achieving the same by the constituent units discharging their effluents to CETPs.

The Board vide order endst. No. HSPCB/WC-2/2162-2169 dated 02.07.2020 **(Annexure-III)** has issued standard for discharge of treated sewage/ effluent from the sewage treatment plants (STPs). The above standards are applicable to all STPs, including all the existing / under construction STPs/ under up-gradation and modification.

The consent to operate has already been issued and is also being issued from time to time under the provisions of above said Acts by the Board in respect of the fuel and discharge standards along with other specifications / terms and conditions mentioned therein. After issuance of above said orders regarding approved fuels and discharge standards of STPs and CETPs necessary corresponding changes were required to be made in some of CTOs already issued for longer period. Presently, there is no such procedure to deal with such type of cases.

The matter was discussed in the meeting of TAC of the Board held on 15.12.2021 and after detailed discussion and deliberations on the issue, procedure for issuing varied consent under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 has been recommended by TAC and the recommendations of TAC have been accepted and approved and circulated vide letter No. 1/93940/2022 dated 03.02.2022

(Annexure-IV)

04/2

Accordingly, the procedure for issuance of varied consent under the provisions of the Water (Prevention & Control of Pollution), Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 has been issued vide order Endst. No. I/108459/2022 dated 18.04.2022 (**Annexure-V**).

Based on the directions of Commission for Air Quality Management in National Capital Region and Adjoining Areas, New Delhi (CAQM), Board vide order endst. No. I/125959/2022 dated 22.07.2022 (**Annexure-VI**) issued list of approved fuels for NCR and non-NCR district of Haryanawith adequate pollution control devices for the purpose under provisions of the Air (Prevention & Control of Pollution) Act, 1981.

The above procedure for issuance of varied consent under the provisions of the Water (Prevention & Control of Pollution), Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 issued vide order Endst. No. I/108459/2022 dated 18.04.2022 is placed before the Board for consideration and Ex-Post Facto approval.



ORDER

In pursuance of the provisions of section 2(d) of the Air (Prevention and control of Pollution) Act, 1981 the Haryana State Pollution Control Board hereby declares the following fuels as the "Approved Fuels" for the purpose of the said act in the state of Haryana with adequate pollution control devices wherever required namely :-

1. Petrol (as per norms prescribed by Govt. of India from time to time)
2. Diesel (as per norms prescribed by Govt. of India from time to time)
3. Liquid Petroleum Gas (LPG) and PNG for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles.
5. Piped Natural Gas (PNG) and LPG for boilers, furnaces, Lime Kilns and Thermic Fluid Heaters.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heaters, Lime Kilns and Brick Kilns.
8. Low-Sulphur Diesel Fuel (LSD) for boilers, furnaces, Lime Kilns, Thermic Fluid Heater and incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Pigeon Almond husk, Walnut Husk either in the form of Briquettes or used in Boilers, furnaces, Brick Kilns.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for use in clothes ironing.
12. Biogas, Bio fuel, Char Coal.
13. Refuse Derived Fuel (RDF) for Power Plant, Cement Plants including Waste-to-Energy Plants

Dated Panchkula, the
11th December, 2018

Ashok Kheterpal,
Chairman

Endst. No. 4023-4076

Date: 12-12-2018

A copy of the above order is forwarded to the following for information

1. Chairman, EPCA
2. Chief Secretary, Govt. of Haryana
3. Secretary, MOEF & CC, G.O.I
4. Additional Chief Secretary, Department of Environment and Climate Change, Haryana
5. Additional Chief Secretary, Department of Industries and Commerce, Haryana
6. Additional Chief Secretary, Haryana Transport Department, Haryana
7. Additional Chief Secretary, Civil Aviation Department, Haryana
8. Principal Secretary to Government, Haryana, Renewable Energy Department
9. Chairman, CPCB
10. All Deputy Commissioners in the state of Haryana
11. All Branch Incharges, Head Office, HSPCB
12. All Regional Officers of HSPCB in the field
13. EE (IT) for uploading the order on website
14. PS to Chairman, HSPCB
15. PA to Member Secretary, HSPCB

FTMS
HSPCB
2/12/2018
SD

Environmental Engineer
For Chairman, HSPCB



Annexure-II
04/4

HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Ph- 0172 -2577870-73 Fax No. 2581201
E-mail: hspcbho@gmail.com

ORDER

Whereas, vide Notification No. S.O.4 (E) dated 01.01.2016, Ministry of Environment, Forest and Climate Change (MoEF & CC), Govt. of India has notified the treated effluent quality standards for Common Effluent Treatment Plants (CETP) and mandated that for each CETP, the State Pollution Control Board will prescribe inlet quality standards for General Parameters, Ammonical Nitrogen and Heavy metals as per design of CETP and local needs and conditions for achieving of the same by constituent units discharging their effluent to CETP;

Whereas, Haryana State Pollution Control Board has published the draft inlet quality standards for the CETPs existing in the State of Haryana proposed by Technical Advisory Committee of the Board on 29.12.2018 in leading newspapers, to invite the objections/ suggestions/ comments from the industries, industrial associations and other concerned stake holders, and the same have been considered by the Board.

In view of the above and after taking into consideration the various objections/suggestions/comments received by the Board on the above said draft inlet standards, Haryana State Pollution Control Board hereby prescribes the following Inlet Quality Standards for CETPs in Haryana for achieving of the same by constituent units discharging their effluent to CETP.

Sr. no.	Location of the CETP	Prescribed inlet water quality standards for CETP to be achieved by individual constituent industry/unit discharging its effluent in the CETP (mg/l except pH)
1.	Sector 29, Part - II, Panipat.	pH:6.0-9.0, TDS/FDS:(as per foot note-2), TSS:275, COD:1200, BOD:500, Oil and Grease:25
2.	Industrial Area, HSIIDC, Barhi District Sonapat.	pH:6.0-9.0, TDS/FDS:(as per foot note-2), TSS:1500, BOD:500, COD:1400, Oil and Grease: 15
3.	Industrial Area, HSIIDC, Rai District Sonapat.	pH:6.0-9.0, SS: 450, BOD: 250, COD: 1000, Oil and Grease: 35, Phenolic Compound: 3.75, Zinc: 11.0, Copper: 3, Sulphides: 9
4.	Industrial Area, HSIIDC, Kundli District Sonapat.	pH: 6.0-9.0, SS: 450, BOD: 250, COD: 550, Oil and Grease: 15
5.	Industrial Area, HSIIDC, Murthal, District Sonapat.	pH: 6.0-9.0, SS: 450, BOD: 250, COD: 550, Oil and Grease: 15
6.	IMT Manesar, Gurugram.	pH: 6.0-9.0, TSS: 900, BOD: 550, COD: 1100, Oil and Grease: 75
7.	Sector 37, Gurugram.	Total Chromium:26.0, Zinc: 7.0, Nickel: 11.0, Iron: 9, Cyanide: 6, Phosphate: 11.0, Oil & Grease: 22.0, Hexavalent-Chromium: 11.0, Copper: 7.0, TSS: 450, Cadmium: 0.75, Lead: 0.75, Total metal: 26.0, Arsenic: 0.75, Fluoride: 11.0, pH: 6.0 to 9.0
8.	Faridabad Electroplaters association, Sector 58, Faridabad	Total Chromium:22.0, Zinc (dissolved): 11.0, Nickel: 7.0, Iron: 7.0, Cyanide: 15, Phosphate (dissolved): 11.0, Oil & Grease: 22.0, Hexavalent Chromium: 11.0, Copper: 7.0, TSS: 300, Cadmium: 1.5, Lead: 1.5, Total metal: 30, Arsenic: 0.75, Fluoride: 15
9.	Industrial Area, HSIIDC, Barwala, District Panchkula	pH:6.0-9.0, TSS:150, BOD:200, COD:325
10.	Industrial Area, HSIIDC, Ambala Cantt.	pH:6.0-9.0, SS- 150, TDS/FDS:(as per foot note-2), BOD- 150, COD - 500
11.	HSIIDC Saha, District Ambala.	pH:6.0-9.0, TSS: 900, BOD:550, COD:1100, Oil & Grease: 75
12.	Industrial Area, HSIIDC, Jind	pH: 6.0-9.0, BOD:250, COD:500, TSS:175, Oil & Grease:35
13.	IMT, Rohtak	pH: 6.0-9.0, TSS: 900, BOD: 550, COD: 1100, Oil & Grease: 75

04/5

NOTE:

1. The industries discharging their effluent in the above CETPs shall comply with the above Inlet quality standards specifically prescribed for concerned CETP. However for other parameters for which CETP has not been designed for treatment but are applicable on the constituent units, standards as prescribed under EP Rules, 1986 shall be maintained and achieved by the such Individual constituent unit at their outlet.
2. Where Fixed Dissolved Solids (FDS) concentration in raw water used by the constituent units of a Common Effluent Treatment Plant (CETP) is upto 1100 mg/l, the permissible standard for Fixed Dissolved Solids (FDS) shall be maximum 2100 mg/l for discharge effluent by such constituent units in to the CETP.

In cases where Fixed Dissolved Solids (FDS) concentration in raw water used by the constituent units is already high (i.e. it is more than 1100 milligram/liter) then the permissible discharge standard into CETP for constituent units for Fixed Dissolved Solids (FDS) parameter shall be 3100 mg/l or inlet design value of FDS for the CETP, whichever is less.

Dated Panchkula, the
18th January, 2019

Ashok Kheterpal
Chairman

No. HSPCB/SSC/2019/696-39

Dated: 28/1/19

A copy of the above is forwarded to the following for information and further necessary action:-

1. All section In-charges dealing with consent management in Head office of the Board.
2. All Regional Officers in the Field.
3. All Lab In-charges of the Board.
- ✓ 4. Nodal Officer (IT) for uploading the orders on the website of the Board for the notice of all concerned.

Atms-8089
28/1/19

Pran
28.01.19
Sr. Scientist (HQ)
For Chairman

No. HSPCB/SSC/2019/

Dated:

A copy of the above is forwarded to the following for information and further necessary action:-

1. PA to Additional Chief Secretary Govt. of Haryana, Environment Department.
2. PS to Chairman/PA to Member Secretary, HSPCB.

1
Sr. Scientist (HQ)
For Chairman



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Website - www.hspcb.gov.in
E-Mail: hspcbho@gmail.com, Ph:0172-2577870-873

Sub:- Fixing of effluent discharge standards for Sewage Treatment Plants (STPs).

Whereas, amongst others, under section 17 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells in the State and to secure the execution thereof;

Whereas, this Board is regularly monitoring the water quality of Water Bodies in the State of Haryana and the water quality monitoring results of rivers has indicated that water quality has been affected because of disposal of untreated or partially treated sewage into the water bodies and as a result, there is high concentration of pollutants making the water body unfit for human consumption or for other uses;

Whereas, Haryana State Pollution Control Board has adopted the standard for emission or discharge of Environmental Pollutants as prescribed under Section 3 of Environment (Protection) Rules, 1986 but the standards for discharge of Faecal Coliform in sewage effluent discharging from sewage treatment plants (STPs) has not been prescribed therein;

Whereas, the State Pollution Control Board under section 17 of the Water Act has been mandated with the following functions which inter-alia include;

- (f) to inspect sewage or trade effluents, works and plants 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 this Act;
- (g) lay down, modify or annul effluent standards for the sewage and trade effluents and for the quality of receiving waters (not being water in an inter-State stream) resulting from the discharge of effluents and to classify waters of the State;
- (h) to evolve economical and reliable methods of treatment of sewage and trade effluents, having regard to the peculiar conditions of soils, climate and water resource of different regions and more especially the prevailing flow characteristics of water in streams and wells which render it impossible to attain even the minimum degree of dilution;
- (i) to evolve methods of utilization of sewage and suitable trade effluents in agriculture;
- (j) to evolve efficient methods of disposal of sewage and trade effluents 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;
- (k) to lay down standards of treatment of sewage and trade effluents to be discharged in to any particular stream taking into account the minimum fair weather dilution available in that stream and the tolerance limits of pollution permissible in the water or the stream, after the discharge of such effluents;

- (m) 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 annul effluent standards for the sewage and trade effluents;

Whereas, as per section 3 of the Environment (Protection) Rules, 1986, the State Pollution Control Board can specify more stringent standards from those provided under Section 3 of Environment (Protection) Rules, 1986, depending upon the quality of recipient system and after recording the reasons, therefore, in writing & there are following grounds/reasons for fixing stringent standards for discharge of faecal coliform in sewerage effluent from the STPs:

1. The quantity of flow in River Yamuna and River Ghaggar has drastically come down during the recent years and these rivers have no flow in some stretches in non rainy periods and especially in summer. The State Pollution Control Board has been given mandate under section- 17(k) of the Water Act, 1974 to lay down standards of treatment of sewage to be discharge into any stream taking into account the minimum dilution available to maintain the quality of recipient Water Bodies & Rivers as per prescribed standards and accordingly, the revised standard are required for STPs which are discharging sewage.
2. The Hon'ble NGT has already issued various directions and state has to maintain the water quality standards in the rivers.
3. The State Govt. has already submitted Yamuna Action Plan and Ghaggar Action Plan before the Hon'ble NGT in OA No. 673 of 2018 "More River Stretches are Critically Polluted now: CPCB", wherein, as per objective of the Action Plans, to achieve standards for faecal coliform in sewage discharged less than 500 MPN / 100 ml.;

Whereas, in matter of OA No. 138 of 2016 titled as "Stench Grips Mansa's Sacred River Ghaggar", vide order dated 15.06.2020, Hon'ble NGT has fixed standards for Faecal Coliform as "less than 100 MPN/ 100 ml" and accordingly, this standard for faecal coliform has to be complied with.

Whereas, a public notice was published in Newspaper on 29.05.2020 for inviting objections / suggestions for proposed standards for discharge from STPs and no objections/ suggestions have been received from any quarter.

Therefore, considering all the aspects and under the powers conferred as per Section 3 of the Environment (Protection) Rules, 1986 & Section 17 of Water (Prevention and Control of Pollution) Act, 1974, the standard for discharge of treated sewage/ effluent from the STPs are fixed as given below:-

Sewage/ Effluent Discharge Standards For Sewage Treatment Plant		
Sr. No.	Parameters	Parameters Limit
1	pH	5.5 - 9.0
2	BOD (mg/l)	10
3	COD (mg/l)	50
4	TSS (mg/l)	20
5	Total Nitrogen (mg/l)	10
6	Total Phosphorus (for discharge into Ponds, Lakes) (mg/l)	1
7	Faecal Coliform (MPN/100 ml)	Less than 100

04/8

Further, with the power conferred under Section 33 A of the Water (Prevention & Control of Pollution) Act, 1974, the Haryana State Pollution Control Board issues following directions to all the Government Departments/ Agencies/ Units responsible for management & treatment of sewage effluents with regard to achieve the stringent standards for discharge of effluent as fixed by HSPCB:-

1. All the existing / under construction STPs/ under upgradation and modification which have been designed and executed for above parameters shall achieve above discharge standards immediately. The sewerage treatment plants to be installed in future, will be designed and constructed to achieve the above proposed discharge standards.
2. STPs which have not been designed for above standards so far shall achieve above discharge standards within 1 years in case of standards at Sr. No. 1 to 6.
3. The above faecal coliform standards shall to applicable to all STPs including existing STPs.

Dated the
2nd July, 2020

Sh. Ashok Kheterpal,
Chairman

No. HSPCB/ WC-2 / 2162-2169

Dated:-02.07.2020

A copy of the above is forwarded to the following for information and further necessary action please:-

1. Chief Secretary, Haryana, Chandigarh.
2. Chief Executive Officer, GMDA, Gurugram.
3. Additional Chief Secretary, PHED, Haryana, Chandigarh.
4. Additional Chief Secretary, Irrigation Department, Haryana, Chandigarh.
5. Additional Chief Secretary, ULBD, Haryana, Chandigarh.
6. Principal Secretary, Industries Department, Haryana, Chandigarh.
7. Principal Secretary, Town & Country Planning Department, Haryana, Chandigarh.
8. Principal Secretary, D & P Department, Haryana, Chandigarh.

-sd-
Sr. Env. Engineer (WC),
For Chairman.

Endst. No. HSPCB/ WC-2 / 2170-2199

Dated:-02.07.2020

A copy of the above is forwarded to the following for information and further necessary action please:-

1. All Branch Incharges.
2. All Regional Officers in field.
3. All Lab Incharges.

-sd-
Sr. Env. Engineer (WC),
For Chairman.

Annexure IV
04/9

HARYANA STATE POLLUTION CONTROL BOARD
C-11 Sector-6, Panchkula
Ph - 0172- 577870-73, Fax No. 2581201
E-mail- hspcbho@gmail.com
Website: hspcb.gov.in

No. HSPCB/PLG/2022/

Date:03/02/2022

To,

1. All Branch Incharge in Head office,
(Except Account and Establishment Branch)
2. The Regional Officer,
Panchkula Region

Sub:- Recommendation of Technical Advisory Committee of HSPCB in its meeting held on 15.12.2021 under the Chairmanship of Sh. S. Narayanan IFS, Member Secretary, HSPCB.

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith recommendation of Technical Advisory Committee (TAC) made in its meeting held on 15.12.2021 approved by competent authority for your information and necessary action.

You are asked to take further action on the subject matter related to your branch as per approval and decision of competent authority and approval from the Board/Govt. wherever required, at the earliest.

DA/AS above

Signed by Bhupender Singh
Rinwa
Date: 03-02-2022 15:56:19
Reason: Approved

SEE (PLG)
For Chairman

CC:

A copy of the above is forwarded to following for kind information of the officer:-

1. PS to Chairman.
2. PA to Member Secretary.

DA/As above

The meeting of TAC was held on 15.12.2021 under the Chairmanship of Sh. S Narayanan, Member Secretary, HSPCB and the following members of the committee attended the meeting:-

1. All Branch Incharge except Establishment & Accounts Branch
2. Regional Officer, Panchkula.

At the outset of the meeting, Sr.EE (PLG) welcomed all the officers in the meeting and thereafter, the agenda items circulated vide letter no. HSPCB/PLG/2021/1655-53 dated 15.12.2021 was taken up and discussed in the meeting as detailed below:-

Agenda item No. 1

Regarding penalty on DG sets operating in violation of GRAP/CAQM directions

The above said agenda item was received from Air Cell. The agenda was taken in this meeting and it has been explained that while reviewing (suspension) of the closure directions of the industrial units, the Commission of Air Quality Management in NCR and Adjoining Areas (CAQM) has been issuing directions to the HSPCB for realization of suitable Environmental Compensation (EC) charges, to be decided by the HSPCB from the industrial units as these industrial units/or their DG sets were violating the directions of CAQM.

It has been came up during the discussion that HSPCB is imposing the environment compensation only on those industrial sector /units where non compliance observed by HSPCB. However, the CAQM has issued closure directions to industrial sector /units based on inspection conducted by their officials/officers of CAQM and CAQM has also reviewed such direction, without any involvement of HSPCB. CAQM directing HSPCB to decide suitable Environmental Compensation (EC) charges found operating in violation of directions of CAQM. There are no provisions of imposing Environmental Compensation (EC) Water act, 1974, Air act, 1981 and Environment (P) act, 1986 and similarly there is no such provision in the CAQM Act, 2021. It will not be appropriate for HSPCB to imposition of EC on those industrial units/or their DG sets found operating in violation of directions of CAQM.

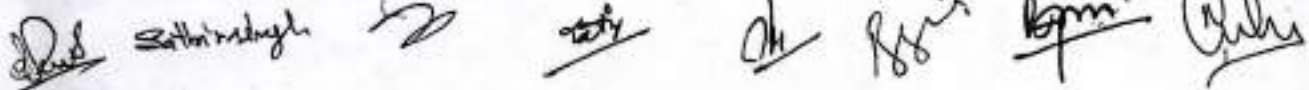
The agenda was discussed at length and after detailed deliberation, the committee recommended that CPCB may be requested for issuing uniform guidelines/mechanism/methodology for imposition of EC on those industrial units/or their DG sets found operating in violation of directions of CAQM in NCR area.

Agenda item No. 2

Regarding applicability of discharge standards

The above said agenda item was received from SWM Cell. The agenda was taken in this meeting and it has been explained that in some cases it has been observed by Regional Office, Gurugram that consent to operate have been granted to the units for mode of discharge as public sewer, however, the actual mode of discharge of these industrial sector/units is inlet of CETP. Branch Incharge, Air Cell has also informed that type of fuel mentioned in CTOs granted by the Board are not in consonance with orders of approved fuel issued by the Board.


It has also been explained that the board has granted longer consent to industrial sector/units before issuance of orders of approved fuel, inlet quality standards for common effluent treatment plants (CETPs) and discharge standards of sewage treatment plants by the board.



04/11

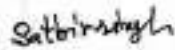
Branch Incharge, Planning Cell has also informed that the Board has not yet prescribed any specific procedure for issuing varied consent already granted under the provisions of Water Act, 1974 and Air Act, 1981 to the industrial sector/units.

The agenda was discussed at length and after detailed deliberation, the committee has recommended that procedure for issuing varied consent under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 for industrial sector/units has been finalized and enclosed as Annexure-I.


(Virender Punia)
Regional Officer, Panchkula


(Sanjeev Kumar)
SEE (Coord. Cell)

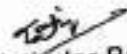

(Balraj Alhawat)
SEE (Publicity Cell)

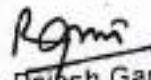

(Satbir Singh)
District Attorney (HQ)


(Satinder Pal)
SEE (SWM)


(Bhupender Rinwa)
SEE (Planning)


(Naveen Gulia)
SEE (HWM)


(Jatinder Pal)
SEE (Water Cell)


(Dr. Rajesh Garhia)
Sr. Scientist (HQ)

Procedure for issuing varied consent to operate under Water (Prevention & Control of Pollution) Act 1974 and Air (Prevention & Control of Pollution) Act 1981

As per provision of section 27 of Water (Prevention & Control of Pollution) Act, 1974. State Board may from time to time review any condition imposed under section 25 or section 26 and may serve on the person to whom a consent under section 25 or section 26 is granted a notice making any reasonable variation of or revoking any such condition.

As per provision of section 21 of Air (Prevention & Control of Pollution) Act, 1981. State Board shall after giving the person to whom consent has been granted an opportunity of being heard, vary all or any of such conditions and thereupon such person shall be bound to comply with the conditions as so varied.

The Board vide order endst. No. 4023-4076 dated 12.12.2018 issued list of approved fuels in the State of Haryana with adequate pollution control devices for the purpose under provision of Air (Prevention & Control of Pollution) Act, 1981.

The Board vide order endst. No. HSPCB/SSC/2019/6916-6939 dated 28.01.2019 has issued inlet quality standards for common effluent treatment plants (CETPs) in Haryana for achieving the same by the constituent units discharging their effluent to CETPs.

The Board vide order endst. No. HSPCB/WC-2/2162-2169 dated 02.07.2020 has issued standard for discharge of treated sewage/ effluent from the sewage treatment plants (STPs). The above standards are applicable to all STPs including all the existing / under construction STPs/ under up-gradation and modification.

The Board has yet not specified procedure for issuing varied consent already issued under the provisions of Water Act, 1974 and Air Act, 1981 to the industrial sector/units.

The consent to operate has already been issued and is also being issued from time to time under the provisions of above said acts by the Board in respect of the fuel and discharge standards with other specifications/terms and conditions mentioned therein. After issuance of above said orders regarding approved fuels and discharge standards of STPs and CETPs, necessary corresponding changes were required to be made in some of CTOs already issued for longer period. Presently there is no such procedure to deal with such type of cases.

After detailed discussion and deliberation on the issue, the following procedure for issuing varied consent under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 to the industrial sector/units has been recommended by TAC:-

1. Regional office shall examine the specifications/terms and conditions of CTO already granted by their office in respect of type of fuel and discharge standards mentioned therein with respect to orders of approved fuel and orders of discharge standards of STP and CETP issued by board or any other requirement.
2. In case CTO already granted by their office is not in consonance with the above said orders of approved fuel and discharge standards of STP and CETP issued by board, Concerned RO's shall issue the show cause notice to owner(s) of concerned units specifically indicating for varying specifications/terms and conditions of CTO already granted by their office.
3. Regional Officers shall serve show cause notices upon the unit through registered post with AD and through email, at the email address registered in the general details on the HROCMMS online portal of HSPCB. In case of failure to serve the Show Cause Notice through E-mail and registered post upon the unit, Regional Officer shall serve Show Cause Notice through special messenger and by pasting on gate/premises of unit. RO shall maintain record of proof of delivery of show cause notice to concerned unit.
4. On receipt of reply of SCN, the concerned RO shall put up proposal for issuing varied consent and revocation of already granted consent. The proposal shall be put up through their respective branch incharge in Head office dealing with consent.

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04/13

1845467/2022/RB/PCB Cell-HSPCB

- management. In case reply of unit not received within stipulated period of SCN, the case may be processed giving full justification and reasons of issuing the varied CTO.
5. The concerned branch incharge shall examine the proposal of RO and put the case to competent authority for grant of varied CTO.
 6. In case any existing industrial sector/unit increases its production capacity by modernizing its industrial plant/make any technological changes/expansion/any other specific means, the industrial sector/unit is required to obtain consent to establish under the provisions of the Water Act, 1974 and Air Act, 1981 as per provisions of consent procedure already issued by the Board.
 7. In case, any industrial sector/unit obtained consent to establish or consent to operate for a specified capacity in their CTE/CTO and found that such industrial sector/unit has increased its capacity without obtaining consent of increased capacity from the Board. Such type of cases be dealt as per procedure defined in the consent procedure already issued by the Board.
 8. IT cell shall make provisions of issuing varied CTO in OCMMS. The procedure of dealing the applications of varied CTO shall be remained same as per existing procedure of OCMMS. The specifications/ terms and conditions of varied CTO shall remain same as per existing format with the addition of "reference number and date of CTO to be varied" and insert "Varied Consent to operate to M/s _____" at the starting of subject of CTO format.

Shree toin 007 1845 Rqm 0 Qub

HARYANA STATE POLLUTION CONTROL BOARD
C-11 Sector-6, Panchkula
Ph - 0172- 577870-73, Fax No. 2581201
E-mail- hspcbho@gmail.com

Order

Whereas, as per provision of section 27 of Water (Prevention & Control of Pollution) Act, 1974 the State Board may from time to time review any condition imposed under section 25 or section 26 and may serve on the person to whom a consent under section 25 or section 26 is granted a notice making any reasonable variation of or revoking any such condition.

Whereas, as per provision of section 21 of Air (Prevention & Control of Pollution) Act, 1981, the State Board shall, after giving the person to whom consent has been granted an opportunity of being heard, vary all or any of such conditions and thereupon such person shall be bound to comply with the conditions as so varied.

Whereas, the Board vide order endst. No. 4023-4076 dated 12.12.2018 issued list of approved fuels in the State of Haryana with adequate pollution control devices for the purpose under provisions of Air (Prevention & Control of Pollution) Act, 1981.

Whereas, the Board vide order endst. No. HSPCB/SSC/2019/6916-6939 dated 28.01.2019 has issued inlet quality standards for common effluent treatment plants (CETPs) in Haryana for achieving the same by the constituent units discharging their effluents to CETPs.

Whereas, the Board vide order endst. No. HSPCB/WC-2/2162-2169 dated 02.07.2020 has issued standard for discharge of treated sewage/ effluent from the sewage treatment plants (STPs). The above standards are applicable to all STPs, including all the existing / under construction STPs/ under up-gradation and modification.

Whereas, the Board has yet not specified procedure for issuing varied consent already issued under the provisions of Water Act, 1974 and Air Act, 1981 to the industrial sector/units.

Whereas, the consent to operate has already been issued and is also being issued from time to time under the provisions of above said Acts by the Board in respect of the fuel and discharge standards along with other specifications / terms and conditions mentioned therein. After issuance of above said orders regarding approved fuels and discharge standards of STPs and CETPs necessary corresponding changes were required to be made in some of CTOs already issued for longer period. Presently, there is no such procedure to deal with such type of cases.

Whereas, the matter was discussed in the meeting of TAC of the Board held on 15.12.2021 and after detailed discussion and deliberations on the issue, procedure for issuing varied consent under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 has been recommended by TAC and the recommendations of TAC have been accepted and approved and circulated vide letter No.I/93940/2022 dated 3.2.2022:-

In view of above, it is hereby ordered that the procedure prescribed as per Annexure 'A' for issuing varied consent under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 shall be adopted for issuing varied consent.

Dated Panchkula, the
06th April, 2022

P. Raghavendra Rao
Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

I/108459/2022

04/15

A copy of the above is forwarded to the following for information and further necessary action:-

1. All Branch Incharges dealing with consent management in Head Office of the Board.
2. All Regional Officers of the Board in the field.
3. Environmental Engineer -cum- Nodal Officer of the HSPCB, Haryana Enterprises Promotion Centre (HEPC) Bay No. 63-64-65-66, Sector 2, Panchkula.
4. Branch incharge (IT) for uploading the orders on the website of the Board and making necessary changes in the OCMMS and online inspection module.

Signed by Bhupender Singh
Rinwa

Date: 18-04-2022 18:21:31

Reason: Approved
Sr. Env. Engineer (PLG)
For Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

A copy of the above is forwarded to the following for information of the officers:-

1. PS to Chairman
2. PA to Member Secretary

Sr. Env. Engineer (PLG)
For Chairman

Annexure-I

As per provision of section 27 of Water (Prevention & Control of Pollution) Act, 1974 State Board may from time to time review any condition imposed under section 25 or section 26 and may serve on the person to whom a consent under section 25 or section 26 is granted a notice making any reasonable variation of or revoking any such condition.

As per provision of section 21 of Air (Prevention & Control of Pollution) Act, 1981. State Board shall after giving the person to whom consent has been granted an opportunity of being heard, vary all or any of such conditions and thereupon such person shall be bound to comply with the conditions as so varied.

The Board vide order Endst. No. 4023-4076 dated 12.12.2018 issued list of approved fuels in the State of Haryana with adequate pollution control devices for the purpose under provision of Air (Prevention & Control of Pollution) Act, 1981.

The Board vide order Endst. No. HSPCB/SSC/2019/6916-6939 dated 28.01.2019 has issued inlet quality standards for common effluent treatment plants (CETPs) in Haryana for achieving the same by the constituent units discharging their effluent to CETPs.

The Board vide order endst. No. HSPCB/WC-2/2162-2169 dated 02.07.2020 has issued standard for discharge of treated sewage/ effluent from the sewage treatment plants (STPs) The above standards are applicable to all STPs including all the existing / under construction STPs/ under upgradation and modification.

The Board has yet not specified procedure for issuing varied consent already issued under the provisions of Water Act, 1974 and Air Act, 1981 to the industrial sector/units.

The consent to operate has already been issued and is also being issued from time to time under the provisions of above said acts by the Board in respect of the fuel and discharge standards with other specifications/terms and conditions mentioned therein. After issuance of above said orders' regarding approved fuels and discharge standards of STPs and CETPs necessary corresponding changes were required to be made in some of CTOs already issued for longer period. Presently there is no such procedure to deal with such type of cases.

After detailed discussion and deliberation on the issue, the following procedure for issuing varied consent under the provisions of Water (Prevention & Control of Pollution) Act 1974 and Air (Prevention & Control of Pollution) Act, 1981 to the industrial sector/units has been recommended by TAC:-

1. Regional office shall examine the specifications/terms and conditions of CTO already granted by their office in respect of type of fuel and discharge standards mentioned therein with respect to orders of approved fuel and orders of discharge standards of STP and CETP issued by board or any other requirement.
2. In case CTO at ready granted by their office is not in consonance with the above said orders of approved fuel and discharge standards of STP and CETP issued by board "Concerned RO's shall issue the show cause notice to owner(s) of concerned units specifically indicating for varying specifications/terms and conditions of CTO already granted by their office.
3. Regional Officers shall serve show cause notices upon the unit through registered post with AD and through email, at the email address registered in the general details on the HROCMMS online portal of HSPCB. In case of failure to serve the Show Cause Notice through E-mail and registered post upon the unit, Regional Officer shall serve Show Cause Notice through special messenger and by pasting on gate/premises of unit RO shall maintain record of proof of delivery of show cause notice to concerned unit.

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4. On receipt of reply of SCN, the concerned RO shall put up proposal for issuing varied consent and revocation of already granted consent. The proposal shall be put up through their respective branch incharge in Head office dealing with consent management. In case reply of unit not received within stipulated period of SCN, the case may be processed giving full justification and reasons of issuing the varied CTO
5. The concerned branch incharge shall examine the proposal of RO and put the case to Competent authority for grant of varied CTO.
6. In case any existing industrial sector/unit increases its production capacity by modernizing its industrial plant/make any technological changes/expansion/any other specific means, the industrial sector/unit is required to obtain consent to establish under the provision of the Water Act, 1974 and Air Act, 1981 as per provisions of consent procedure already issued by the Board.
7. In case, any industrial sector/unit obtained consent to establish or consent to operate for a specified capacity in their CTE/CTO and found that such industrial sector/unit has increased its capacity without obtaining consent of increased capacity from the Board Such type of cases be dealt as per procedure defined in the consent procedure already issued by the Board.
8. IT cell make provisions of issuing varied CTO in OCMMS. The procedure of dealing the applications of varied CTO shall be remained same as per existing procedure of OCMMS. The specifications/terms and conditions of varied CTO shall remain same as per existing format with the addition of "reference number and date of CTO to be varied and insert "Varied consent to operate to M/s _____" at the starting of subject of CTO format.

Categorization of Industrial/ Non-Industrial Sectors/Projects "Compressed Biogas (CBG)/Bio - CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc." and "Footwear other than leather footwear (excluding stitching of upper part)" under consent management of the Board

The Central Pollution Control Board (CPCB) vide letter no. B29012/ESS (CPA)/2015-16/8526 dated 07.03.2016 issued directions to all SPCB's/PCC's under section of 18(1)(b) of Water Act, 1974 and Air Act, 1981 and issued subsequent directions thereon regarding categorization of industrial/non industrial sector/project under Red, Orange, Green and White Categories. Based upon the directions issued by CPCB, HSPCB vide its order Endst. No. HSPCB/2020/PLG/1767- 1795 dated 04.12.2020 (amending order Endst. No. HSPCB/2018/517-546 dated 26.02.2018) issued consent procedure for grant of consent to establish and consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 alongwith consolidated list of industrial/non industrial sector/project covered under Red, Orange, Green and White Categories.

The Central Pollution Control Board (CPCB) vide letter no. CPCB/IPC-VI/ROGW/6693 dated 22.09.2021 (**Annexure-I**) has issued revised categorization of 'Compressed Biogas (CBG)/Bio -CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. in supersession of earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021. Further, the matter regarding categorization of footwear such as synthetic rubber excluding leather

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footwear and leather products was also received from Regional Officer of Bahadurgarh Region of HSPCB vide letter dated 25.01.2022 (**Annexure-II**) for inclusion of such units under consent management of Board.

The matters were examined by the committee of this Board constituted for categorization of new/left over industrial sectors/projects for consent management, in its meeting held on 14.07.2021. The committee recommended that revised classification of industrial sectors issued by CPCB vide letter dated 22.09.2021 may be added in categorization of industrial sectors/non industrial sectors under Red, Orange, Green and white categories and Footwear other than leather footwear (excluding stitching of upper part) may be added in categorization of industrial sectors/projects issued vide order endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020.

It had been ordered vide order Endst. No. I/108468/2022 dated 18.04.2022 (**Annexure-III**) that following industrial / non-industrial sector / projects are added under Red, Orange and Green Categories in the consent procedure already issued vide Head Office order Endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020 for the purpose of obtaining consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and authorizations under EP rules:-

Sr. No.	Industrial/ Non-Industrial Sectors/Projects categorized by CPCB vide letter dated 22.09.2021	Category	Status of coverage under consent management of board as per previous direction of CPCB dated 30.04.2021	Remarks
1.	Compressed Biogas (CBG)/Bio -CNG plants; a. CBG plants based on Municipal Solid Waste (MSW) (having waste	Red	New Entry	New category is added at Sr. No. 81 of Red

	<p>water discharge more than 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having waste water discharge more than 100 KLD)</p>			<p>category of classification of HSPCB</p>
<p>2.</p>	<p>Compressed Biogas (CBG)/Bio -CNG plants;</p> <p>a. CBG plants based on Municipal Solid Waste (MSW) (having wastewater discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having wastewater discharge less than or equal 100 KLD)</p> <p>c. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass. etc.) (having waste water discharge more than 100 KLD)</p> <p>d. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water</p>	<p>Orange</p>	<p>existing Category at Sr. No. 110 'Compressed/R efin ed Bio-gas production from bio-degradable waste,</p>	<p>The existing Category at Sr. No. 110 in Orange category is replaced with new category.</p>

	discharge more than 100 KLD)			
3.	<p>Compressed Biogas (CBG)/Bio -CNG plants;</p> <p>a. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ Napier grass. etc.) (having waste water discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge less than or equal 100 KLD)</p> <p>c. CBG plants (irrespective of type of feed) producing fermented organic manure (FOM) & liquid fermented organic manure (LOFM) as by-products</p>	Green	<p>existing Category at Sr. No. 73 'Compressed/refined bio-gas production for bio-degradable wastes (No waste water discharge from digester and also feed slurry to digester having volatile organic fraction more than 75%)'</p>	<p>The existing Category at Sr. No. 73 in green category is replaced with new category.</p>
4.	<p>Compressed Biogas (CBG)/Bio -CNG plants; Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. with feed slurry to digesters having Volatile organic fraction more than 75%</p>	White	<p>existing Category at Sr. No. 45 'Compressed/refined bio-gas production for bio-degradable wastes [Domestic bio-digesters based on cow dung or house hold biodegradable waste (such as gobar gas</p>	<p>The existing Category at Sr. No. 45 in white category is replaced with new category.</p>

		plant))	
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1.	Footwear other than leather footwear (excluding stitching of upper part)	Orange	New entry	New category is added at Sr. No. 113 of orange category of classification of HSPCB.
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The above categorizations of industrial/non industrial sector/projects issued vide order Endst. No. I/108468/2022 dated 18.04.2022 is placed before the Board for consideration and Ex-Post Facto approval.

SPEED POST

CPCB/IPC-VI/ROGW 6693

Date: 22.09.2021

To

✓ The Member Secretary
SPCB/PCC
(as per the list)

Sub: Harmonization of Classification of Industrial Sectors into Red, Orange, Green and White Categories-reg.

Sir,

This has reference to CPCB letter dated 30.04.2020 on the above-mentioned subject, wherein 'Compressed/refined bio-gas production from bio-degradable waste' was categorized under Orange Category of industries.

Subsequently, CPCB was in the receipt of representations from various stakeholders with a request to revisit the categorization of Compressed Bio-Gas (CBG) plants in light of the notifications issued by the Ministry of Agriculture and Farmers Welfare vide Gazette Notification No. 2051 dated 14.07.2020 and No. 1972 dated 01.06.2021 regarding inclusion of Fermented Organic Manure (FOM) and Liquid Fermented Organic Manure (LFOM) under Fertilizer (Inorganic, Organic or Mixed) (Control) Act, 1985.

In view of the above notifications and to promote the cleaner sources of energy, CPCB revisited the categorization of CBG plants. Accordingly, CBG plants producing FOM & LFOM as by products in conformity with requirements of Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021, respectively, and utilizing entire FOM & LFOM as a fertilizer or manure on land and also not discharging any waste-water, are to be considered under White category, subject to verification by SPCB on case-to-case basis. The aforesaid criteria may be re-assessed based on ground conditions after a period of two years. CBG plants which do not fall in the aforesaid category are to be categorized based on the type of feed-stocks being used. CBG plants based on animal waste and crop residue as feedstock are categorized under green category. CBG plants based on Municipal Solid Waste (MSW) and process waste as feedstock are categorized under Orange Category.

In addition, Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. with feed slurry to digesters having Volatile Organic Fraction more than 75 %, are to be considered under White' category.

The details of categorization of 'Compressed Biogas (CBG)/Bio-CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc.' are enclosed.

The aforementioned revised categorization shall supersede the earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

194918/2021/Estt.Br

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All SPCBs/PCCs are directed to adopt and follow the categorization of CBG plants as per the enclosed Annexure.

Yours faithfully,


(Prashant Gargava)
Member Secretary

Encl: as above

Copy to:

- 1 The Joint Secretary (CP Division)
Ministry of Environment, Forests
& Climate Change,
Indira Paryavaran Bhawan,
3rd Floor, Prithivi, Jor Bagh Road,
New Delhi -110 003
- 2 The Regional Directors,
CPCB
(as per list)
- 3 Div. Head, IPC-III, CPCB, Delhi
- 4 Div. Head-IT, CPCB, Delhi

: with a request to upload this
letter on CPCB website


(Prashant Gargava)

Annexure**Categorization of Compressed Biogas (CBG)/Bio-CNG plants**

Sl. No.	Industrial Sector	W1	W2	W	A1	A2	A	H	PI	Category	Remarks
86	Compressed Biogas (CBG)/Bio-CNG plants										Pollution potential from Compressed Biogas (CBG)/Bio-CNG plants may vary depending on the type of feed stock, size of operation and requirement for discharge of wastewater.
a.	CBG plants based on Municipal Solid Waste (MSW)	30	-	30	10	-	10	10	50	Orange	In CBG plants, high BOD/COD wastewater is generated from anaerobic bio-digesters which is required to be treated prior to disposal or to comply with Gazette Notification No. 2051 dated 14.07.2020 & No. 1972 dated 01.06.2021 for use as Fermented Organic Manure (FOM) and/or Liquid Fermented Organic Manure (LFOM). Further, these plants may cause odour nuisance due to storage & handling of organic waste and composting. Exhausted adsorption media/ filters, used lubrication/hydraulic oils and spent solvents may also get generated as hazardous waste.
b.	CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc.)	30	-	30	10	-	10	10	50	Orange	Accordingly, the following classification is suggested: The waste contains heterogeneous material. The anaerobic biodegradation of the same may generate waste water containing high BOD and COD. If discharge of wastewater is more than 100 KLD, Pollution Index (PI) will be 60 and will be categorized as Red.
c.	CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass, etc.)	20	-	20	10	-	10	10	40	Green	The anaerobic biodegradation of the same may generate waste water containing high BOD and COD. If discharge of wastewater is more than 100 KLD, PI will be 60 and will be categorized as Red.
d.	CBG plants based on animal waste (dairy farms,	20	-	20	10	-	10	10	40	Green	If discharge is more than 100 KLD, PI will be 50 and will be categorized as Orange

Address List of Member Secretary, SPCBs/PCCs

1.	The Chairman Andhra Pradesh State Pollution Control Board D.No. 33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalmvari Street, Kasturibaipet, Vijayawada- 520010 Andhra Pradesh	2.	The Chairman Arunachal Pradesh State Pollution Control Board 'ParyavaranBhavan', Yupla Road, Pappu Nallah, Naharlagun - 791110 Arunachal Pradesh
3.	The Chairman Assam State Pollution Control Board Bamunimaidan, Guwahati - 781021 Assam	4.	The Chairman Bihar State Pollution Control Board PariveshBhawan, Plot No.N-B/2, Patliputra Industrial Area Patna-800023
5.	The Chairman Chhattisgarh Environment Conservation Board ParyavasBhawan, North Block Sector-19 NayaRaipur - 492 099 Chhattisgarh	6.	The Chairman Goa State Pollution Control Board Dempo Tower, EDC Plaza, 1 st floor Patto Plaza, Panaji, Goa - 403001
7.	The Chairman Gujarat State Pollution Control Board Sector 10-A, Gandhi Nagar - 382043 Gujarat	8.	The Chairman Haryana State Pollution Control Board C-11, Sector 6, Panchkula, Haryana 134109
9.	The Chairman Himachal Pradesh State Pollution Control Board ParyavaranBhavan, Phase III, New Shimla - 171009 Himachal Pradesh	10.	The Chairman J&K State Pollution Control Board, Parivesh Bhawan, Shiekh-ul-Campus, behind Govt. Silk Factory, Raj Bagh, Srinagar(J&K)
11.	The Chairman Jharkhand State Pollution Control Board T.A Building, HEC Campus, P.O. Dhurwa Ranchi - 834004 Jharkhand	12.	The Chairman Karnataka State Pollution Control Board ParisaraBhavan, 4 th & 5 th floors, Church Street, Bangalore - 560 001 Karnataka
13.	The Chairman Kerala State Pollution Control Board Plamoodu Junction, Pattam Palace P.O. Thiruvananthapuram - 695004 Kerala	14.	The Chairman Maharashtra State Pollution Control Board Kalpataru Point, 3 rd & 4 th floors Sion Matunga Scheme Road No. 6 Opp. Cine Planet, Sion Circle, Sion (E), Mumbai 400 022 Maharashtra
15.	The Chairman Madhya Pradesh Pollution Control Board ParyavaranParisar, E-5 Arera Colony Bhopal - 462016 Madhya Pradesh	16.	The Chairman Manipur State Pollution Control Board Lamphelpat, Imphal West D.C. Office Complex - 795004 Manipur
17.	The Chairman Meghalaya State Pollution Control Board Arden, Lumpyngngad, Shillong - 793014 Meghalaya	18.	The Chairman Mizoram State Pollution Control Board New Secretariat Complex, Khatla, Thlanmual Peng, Aizwal Mizoram- 796001
19.	The Chairman Nagaland State Pollution Control Board Signal Point, Dimapur, Nagaland - 797112	20.	The Chairman Odisha State Pollution Control Board ParibeshBhawan A-118, Nilakanta Nagar, Unit -VIII, Bhubaneshwar - 751012. Odisha
21.	The Chairman Punjab State Pollution Control Board Nabha Road, ITI Rd, Adarsh Nagar, Prem Nagar, Patiala - 147001. Punjab	22.	The Chairman Rajasthan State Pollution Control Board A-4 Institutional Area, JhalaneDungri Jaipur - 302004. Rajasthan

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23.	The Chairman Sikkim State Pollution Control Board State land Use & Environment Cell Govt. of Sikkim, Deorali, Gangtok. Sikkim	24.	The Chairman Tamil Nadu Pollution Control Board No. 76, Mount Salai, Guindy, Chennai - 600032. Tamil Nadu
25.	The Chairman Telangana State Pollution Control Board ParyavaranBhavan A-3, Industrial Estate, Sanath Nagar, Hyderabad - 500 018. Telangana	26.	The Chairman Tripura State Pollution Control Board PariveshBhawan, Pt. Nehru Complex, Gorkhabasti P.O., Kunjaban, Agartala, West Tripura - 799 006. Tripura
27.	The Chairman Uttarakhand Environment Protection & Pollution Control Board 29/20, Nemi Road, Dehradun - 248001. Uttarakhand	28.	The Chairman Uttar Pradesh State Pollution Control Board Building.No. TC-12V VibhutiKhand, Gomti Nagar, Lucknow- 226010. Uttar Pradesh
29.	The Chairman West Bengal State Pollution Control Board ParibeshBhavan Building, No.10-A, Block -LA, Sector 3, Salt Lake City, Kolkata - 700 091. West Bengal		
30.	The Chairman Andaman & Nicobar Islands Pollution Control Committee Department of Science & Technology Dollyganj Van Sadan, Haddo P.O., Port Blair-744102 Andaman & Nicobar	31.	The Chairman Chandigarh Pollution Control Committee ParyavaranBhawan Madhya Marg, Sector - 19 B, Chandigarh - 160019. Chandigarh
32.	The Chairman Daman, Diu & Dadra Nagar Haveli Pollution Control Committee Office of the Deputy Conservator of Forests Moti Daman, Daman - 396220. Daman & Diu	33.	The Chairman Delhi Pollution Control Committee 4 th floor, ISBT Building, Kashmeri Gate, Delhi - 110006. Delhi
34.	The Chairman Lakshadweep Pollution Control Committee Lakshadweep Administration Department of Science, Technology & Environment Kavarati - 682555. Lakshadweep	35.	The Chairman Puducherry Pollution Control Committee Department of Science, Technology & Environment Housing Board Complex, 3 rd floor, Anna Nagar, Pondichery - 600 005

Annexure-II 05/12

HARYANA STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE, BAHADURGARH

SCF No. 42 & 43, SHOPPING CENTRE, SECTOR-6, HUDA, BAHADURGARH
 Ph No. 01276-243077-242078, E-Mail: hspcbrobdh@gmail.com, Web: hspcb.gov.in

25/01/2022

To

The Member Secretary,
 Haryana State Pollution Control Board,
 Panchkula.

Kind Attn: SEE-II (H.Q.)

Sub: Inclusion of footwear industry and allied products (excluding stitching of upper part) under Orange Category in the categorization of the Board's policy order dated 04.12.2020.

Ref: This office letter No. 763 dt. 07.07.2021 and email received from H.O. on 21.01.2022.

In this connection, It is submitted that Board has categorized the industrial units in Red, Orange, Green & White categories based on pollution potential of their process vide Head Office order HSPCB Order Endst. No. 1767-93 dated 04.12.2020.

It is further submitted that in HSIIDC Bahadurgarh has developed Sector-16, 17 & Sector-4B industrial area namely as footwear park and there are approx. more than 500 units engaged in the manufacturing of different type of footwear items but in our consent management only 29 nos. of industrial units are covered under different categories such as synthetic rubber excluding moulding, leather footwear and leather products and sewage treatment plant having capacity 10 KLD or more but less than 100 KLD and remaining units are operating without obtaining consent to establish/consent to operate from the Board.

Based on the manufacturing process of footwear items the pollution potential w.r.t. water, air, plastic and hazardous is as follows:-

- 1. Air Pollution Potential:-** During the manufacturing process of footwear items different type of chemicals are being used such as phthalate esters which are a group of chemical compounds and are mainly used as plastic seizers to increase the flexibility of plastics such as polyurethane (PU), EVA, polyvinyl chloride, acetyle tributyl phthalates, alkylsulfonic phenylester, disononyl adipate (DINA), calcium carbonate, sulphur, different adhesives etc. Moreover, during moulding process used in the manufacturing of footwear sole by the use of electric heaters a lot of volatile organic compounds (VOC) are generated which causes a lot of air emissions and a proper Air Pollution Control Device alongwith/ducting system is required for the treatment/exhaust of these VOCs. Moreover these units have also installed DG Sets of different capacities which also come under the purview of Pollution Control Board.
- 2. Water Pollution:-**The footwear units have potential of only domestic effluent generation. Most of the footwear units have their manufacturing facility either in MIE-A, MIE-B, HSIIDC, Sector-16, 17 & 4B and adjoining areas, however CETP is available only in HSIIDC, Sector-16, 17 & 4B.

05/13

3. **Hazardous Waste:-** The footwear manufacturing units uses group of chemical compounds such as polyurethane (PU), EVA, polyvinyl chloride, acetylene tributyl phthalates, alkylsulfonic phenylester, diisononyl adipate (DINA), calcium carbonate, sulphur, different adhesives etc, which are hazardous in nature. So these chemicals and its containers need adequate storage facility as well as disposal, so authorization under HOWM Rules, 2016 is also necessary.
4. **Plastic Waste:-** During the manufacturing of footwear items a lot of waste is generated which comes under the purview of Plastic Waste Management Rules, 2016 for its scientific disposal, so authorization under PWM Rules, 2016 is also necessary

In view of above it is recommended that the footwear industry may be included in the consent management system specifically as *footwear industry and allied products (excluding stitching of upper part) under Orange Category* to avoid any doubt regarding requirement of consent to operate/consent to establish from the Board and the matter may be put up before the TAC to include the footwear industry in the consent management system in orange category of the Board.

Submitted for information and further necessary action please.

REGIONAL OFFICER BAHADURGARH

DINESH
KUMAR
YADAV

Digitally signed
by DINESH
KUMAR YADAV
Date:
2022.01.25
12:52:35 +05'30'

Amendment-III 05/14**HARYANA STATE POLLUTION CONTROL BOARD**

C-11 Sector-6, Panchkula

Ph – 0172- 577870-73, Fax No. 2581201

E-mail- hspcbho@gmail.com

Office Order

Whereas, the Board vide Head Office order Endst. No. HSPCB/2020/PLG/1767- 1795 dated 04.12.2020 has amended its existing consent procedure issued vide Head Office order Endst. No. HSPCB/2018/517-546 dated 26.02.2018 for grant of consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, along with consolidated list of industrial / non-industrial sector / projects covered under Red, Orange, Green and White Categories. This procedure had been issued based upon the directions issued by the CPCB u/s 18(1)(b) of Water Act, 1974 and Air Act, 1981 vide letter no. B29012/ESS (CPA)/2015-16/8526 dated 07.03.2016 and subsequent directions thereon; and

Whereas, the Central Pollution Control Board (CPCB) vide letter no. CPCB/IPCVI/ROGW/6693 dated 22.09.2021 has issued revised categorization of 'Compressed Biogas (CBG) / Bio-CNG plants' and 'Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, etc. in supersession of earlier categorization of 'Compressed/Refined Bio-gas production from bio-degradable waste', issued vide directions dated 30.04.2021; and

Whereas, the matter regarding categorization of footwear such as synthetic rubber, excluding leather footwear and leather products, was also received from the Regional Officer of Bahadurgarh Region of HSPCB for inclusion of such units under consent management of the Board; and

Whereas, the above matters were examined by the committee of this Board constituted for categorization of new / left over industrial sectors / projects for consent management, in its meeting held on 14.07.2021. The Committee recommended that revised classification of industrial sectors issued by the CPCB vide letter dated 22.09.2021 may be added in categorization of industrial sectors/non-industrial sectors under Red, Orange, Green and White categories and footwear other than leather footwear (excluding stitching of upper part) may be added in categorization of industrial sectors/projects issued vide order endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020.

In view of above, it is hereby ordered that the following industrial / non-industrial sector / projects are added under Red, Orange and Green Categories in the consent procedure already issued vide Head Office order Endst. No. HSPCB/2020/PLG/1767-1795 dated 04.12.2020 for the purpose of obtaining consent to establish and consent to operate under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and authorizations under EP rules:-

Sr. No.	Industrial/ Non-Industrial Sectors/Projects categorized by CPCB vide letter dated 22.09.2021	Category	Status of coverage under consent management of board as per previous direction of CPCB dated 30.04.2021	Remarks
1.	Compressed Biogas (CBG)/Bio -CNG plants: a. CBG plants based on Municipal Solid Waste (MSW) (having waste water discharge more than 100 KLD) b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having waste water discharge more than 100 KLD)	Red	New Entry	New category is added at Sr. No. 81 of Red category of classification of HSPCB

V/108468/2022

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2.	<p>Compressed Biogas (CBG)Bio –CNG plants;</p> <p>a. CBG plants based on Municipal Solid Waste (MSW) (having wastewater discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on process waste (industrial/ process liquid effluent & solid waste like press mud, organic sludge, molasses, etc. (having wastewater discharge less than or equal 100 KLD)</p> <p>c. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ napier grass. etc.) (having waste water discharge more than 100 KLD)</p> <p>d. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge more than 100 KLD)</p>	Orange	Existing Category at Sr. No. 110 'Compressed/Refined Bio-gas production from bio-degradable waste,	The existing Category at Sr. No. 110 in Orange category is replaced with new category.
3.	<p>Compressed Biogas (CBG)Bio –CNG plants;</p> <p>a. CBG plants based on crop residue (paddy straw /wheat straw /corn sweet sorghum/ Napier grass. etc.) (having waste water discharge less than or equal 100 KLD)</p> <p>b. CBG plants based on animal waste (dairy farms, poultry farms, and other animal waste) (having waste water discharge less than or equal 100 KLD)</p> <p>c. CBG plants (irrespective of type of feed) producing fermented organic manure (FOM) & liquid fermented organic manure (LOFM) as by-products</p>	Green	Existing Category at Sr. No. 73 'Compressed/refined bio-gas production for bio-degradable wastes (No waste water discharge from digester and also feed slurry to digester having volatile organic fraction more than 75%)'	The existing Category at Sr. No. 73 in green category is replaced with new category.

I/108468/2022

05/16

4.	Compressed Biogas (CBG)/Bio -CNG plants; Household bio-digesters/gobar-gas (cow-dung) plants based on biodegradable wastes, eic. with feed slurry to digesters having Volatile organic fraction more than 75%	White	existing Category at Sr. No. 45 'Compressed/refined bio-gas production for bio-degradable wastes [Domestic bio-digesters based on cow dung or house hold biodegradable waste (such as gobar gas plant)]'	The existing Category at Sr. No. 45 in white category is replaced with new category.
1.	Footwear other than leather footwear (excluding stitching of upper part)	Orange	New entry	New category is added at Sr. No. 113 of orange category of classification of HSPCB.

These orders shall come into force with immediate effect.

Dated Panchkula, the
06th April, 2022

P. Raghavendra Rao
Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

A copy of the above is forwarded to the following for information and further necessary action:-

1. All Branch Incharges dealing with consent management in Head Office of the Board.
2. All Regional Officers of the Board in the field.
3. Environmental Engineer -cum- Nodal Officer of the HSPCB, Haryana Enterprises Promotion Centre (HEPC) Bay No. 63-64-65-66, Sector 2, Panchkula.
4. Branch incharge (IT) for uploading the orders on the website of the Board and making necessary changes in the OCMMS and online inspection module.

Signed by Bhupender Singh
Rinwa

Date: 18-04-2022 18:22:18

Reason: Approved
Sr. Env. Engineer (PLG)
For Chairman

Endst. No. HSPCB/PLG/2022/

Dated:

A copy of the above is forwarded to the following for information of the officers:-

1. PS to Chairman
2. PA to Member Secretary

Sr. Env. Engineer (PLG)
For Chairman

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

- 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

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

- ❖ 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:

Sr. no.	Board's Meeting	Held on
1	188 th	12.05.2020
2	189 th	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
Group A					
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	
Group 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	
Group C					
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
Group D					
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	
Total		450	150	300	

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CHAPTER 3: ACTIVITIES & INFRASTRUCTURE

3.1 Mandated activities of the Board

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 Sub Region-2	(left side of Faridabad Border to Mathura Road (NH-2) (Right side of Faridabad Border to Mathura Road (NH-2))
	Sub Region-3	(Nah and Tauru)
	Sub Region-4	(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
Kurukshttra	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
Total	27	74	92	275	468

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
Total	225	12	0	2	235	2	0	0	0	0

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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
Total	134	22	0	0	156	0	0	0	0	0

06/30

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 accusation	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
Total	35	36	0	0	71	0	0	0	0	0

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Under the Water & 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
Total	66	70	0	1	135	1	0	0	0	0

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
Total	51	20	34	21	21	0	37

iii. Details of Cases in the Hon'ble Punjab & 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
Total	66	42	1	10	0	99

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
Total	14	6	0	0	0	20

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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
Total	677	606	71	52	0	0	19

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
Total	104	97	15	14	1	0	0	5

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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
Total	91

**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
Total	599	144	63

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
Total	31	2	0

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
Total	15	8	88.5 MLD

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
Total	185	3

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
Total	941	933	8	2	0	0	3	3

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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

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

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

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_{2.5}), Nitrogen di-oxide (NO₂), Nitrogen Oxide (NO_x) and Ozone (O₃), Carbon Monoxide (CO), Nitric Oxide (NO) and Sulphur Dioxide (SO₂) 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 ₂	CO	O ₃
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³
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 ₂	CO	O ₃
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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

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

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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-20	1.39	16.2	9.57	19.59	23.56	0.39	61.91	26.28	85.9
May-20	1.44	16.27	9.68	24.31	13.58	0.51	68.59	24.98	137.78
Jun-20	4.01	16.51	9.33	16.93	9.2	0.53	45.32	27.63	125.14
Jul-20	2.43	18.49	9.57	12.39	21.15	0.48	41.93	23.35	75.45
Aug-20	1.83	14.42	10.85	24.68	8.9	0.41	50.34	17.39	37.84
Sep-20	1.52	8.89	14.93	30.74	5.38	0.51	82.86	21.18	76.86
Oct-20	2.46	17.96	13.34	36.59	7.43	0.81	124.19	38.96	173.97
Nov-20	3.06	43.96	24.84	74.25	9.94	1.01	124.07	56.24	248.45
Dec-20	1.67	26.08	16.77	78.6	12.46	0.86	93.26	42.47	188.99
Jan-21	2.00	27.07	15.73	119.04	13.50	0.87	72.19	39.11	143.93
Feb-21	4.46	22.83	15.34	247.50	10.87	0.88	88.96	31.25	155.11
Mar-21	2.30	10.18	6.98	46.61	15.53	0.59	96.38	24.16	158.88
Minimum	1.39	8.89	6.98	12.39	5.38	0.39	41.93	17.39	37.84
Maximum	4.46	43.96	24.84	247.50	23.56	1.01	124.19	56.24	248.45
Average	2.38	19.91	13.08	60.94	12.63	0.65	79.17	31.08	134.03

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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-20	2.14	9.42	8.67	25.25	15.11	0.94	54.24	39.07	54.70
May-20	2.16	22.23	15.63	30.71	15.12	0.86	61.67	34.84	48.83
Jun-20	3.21	26.56	17.32	32.71	12.07	1.73	40.08	40.01	63.96
Jul-20	2.33	19.90	12.71	27.67	11.68	1.03	24.19	30.58	53.37
Aug-20	3.47	21.77	15.18	29.11	13.72	0.85	19.23	21.60	40.58
Sep-20	6.49	33.75	21.57	22.94	9.85	1.19	25.83	55.10	111.84
Oct-20	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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	NO _x	NH ₃	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	NO _x	NH ₃	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	NO _x	NH ₃	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-20	NO	NO2	NOx	NH3	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
May-20	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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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Jul-20	24.77	11.83	34.19	110.69	5.25	1.44	18.42	41.17	84.70
Aug-20	29.22	31.46	65.49	129.07	21.20	1.96	23.88	41.96	93.05
Sep-20	23.09	3.65	35.29	56.36	9.17	1.61	20.76	46.64	149.71
Oct-20	48.82	46.02	60.22	53.80	11.97	2.10	32.06	131.56	295.52
Nov-20	75.94	53.74	84.74	53.26	10.44	2.19	24.85	186.56	375.66
Dec-20	78.57	16.96	60.10	33.39	7.56	2.85	60.07	224.89	509.85
Jan-21	*	*	*	*	*	*	*	*	*
Feb-21	26.07	2.89	17.03	9.60	5.32	1.56	16.99	129.97	322.04
Mar-21	20.21	31.95	31.91	25.24	4.82	1.16	30.31	103.29	237.48
Minimum	8.55	2.89	13.28	9.60	4.82	1.16	16.99	41.17	84.70
Maximum	78.57	53.74	86.14	184.07	21.20	2.85	60.07	224.89	509.85
Average	38.20	23.38	47.33	65.46	8.52	1.78	31.81	105.32	229.76

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

Monitoring Location : Sector 30, Faridabad - HSPCB									
Monitoring Conducted By: Environnement SA India Pvt. Ltd									
Months	NO	NO2	NOx	NH3	SO₂	CO	O₃	PM_{2.5}	PM₁₀
	µg/m³	µg/m³	ppb	µg/m³	µg/m³	mg/m³	µg/m³	µg/m³	µg/m³
Apr-20	8.00	11.01	14.00	28.01	0.63	6.70	23.58	34.39	116.36
May-20	8.01	11.00	14.00	28.01	0.66	2.90	25.42	71.80	148.84
Jun-20	8.00	11.00	14.01	28.01	0.68	3.08	35.03	61.65	153.88
Jul-20	8.00	11.01	14.01	28.01	0.65	6.01	20.51	52.05	106.14
Aug-20	5.66	8.00	12.25	25.28	0.72	5.98	17.50	41.57	74.27
Sep-20	11.29	11.05	19.04	16.72	0.91	8.06	26.91	70.71	129.20
Oct-20	9.77	9.94	16.18	22.44	1.23	5.78	31.84	139.84	235.52
Nov-20	10.06	9.60	14.11	23.44	1.60	6.73	21.45	179.18	310.25
Dec-20	8.49	12.18	16.49	20.72	2.17	7.47	15.47	135.22	330.95
Jan-21	7.36	12.74	15.09	18.92	2.55	10.27	7.66	174.51	273.79
Feb-21	9.90	11.17	19.39	21.02	1.68	10.30	19.29	132.70	301.09
Mar-21	8.95	9.81	19.06	21.97	1.24	12.79	23.52	103.91	275.74
Minimum	5.66	8.00	12.25	16.72	0.63	2.90	7.66	34.39	74.27
Maximum	11.29	12.74	19.39	28.01	2.55	12.79	35.03	179.18	330.95
Average	8.62	10.71	15.64	23.55	1.23	7.17	22.35	99.79	204.67

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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ³	mg/m ³	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	µg/m ³	mg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	NO _x	NH ₃	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 ₂	NO _x	NH ₃	SO ₂	CO	O ₃	PM _{2.5}	PM ₁₀
	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³
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 _{2.5}	CO	NO	NO ₂	NO _x	O ₃	SO ₂	PM _{2.5}	CO
	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ppb	µg/m ³	µg/m ³	µg/m ³	mg/m ³
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
Total	3276	9981	1266	349	14872

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
Total	5	2203	2208	1699	506	0	3	0	3

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
Total	7	5596	5603	4755	832	0	1	15	16

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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
Total	1	2046	2047	1691	354	0	0	2	2

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/gharh	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 5	239.5	79.29	0	800.1885	226.535 8	125.15 1	49.578	0	401.258
17	Rohtak	122	122	122	1304.09	1434.86	222.11	12	2973.06	1816.33 6	772.57	15.2285	11.75	2615.884 5
18	Gurugram(S)	894	894	894	6238	10096	65121	4868	86323	1430.4	8011.5 7	3786.69	3264	16492.66
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	47811.0 566	21288.3	224618.7 91	0	293.718.15	2587.56	1389.6 92	6281.136	0	10258.38 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 3	375.67	0	3448.68
24	Yamuna Nagar	151	151	151	408.496 42	221.83	20461.3	0	21091.626 42	157.215	44.02	40.9722	0	242.2072
	Total	5106	4401	5088	76432.8 0092	61154.35 07	440342.4 206	95115. 44	673,045.02 162	17758.5 958	25123. 761	62180.18 12	28759. 376	133803.9 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 & 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
Total	27	28	26693.165	35081.835

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
Total	0	1591	1591	1379	211	0	0	1	1

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 known as 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

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

Region	Number of Units registered
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
Total	147

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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 ofPWM 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

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	0	0	0
Bahadurgarh	32	14	320	366	32	14	0	0	0
Ballabgarh	0	11	164	175	0	11	0	0	0
Bhiwani	4	43	3	50	4	43	0	0	0
Dharuhera	0	9	11	20	0	9	0	0	0
Faridabad	63	9	362	434	63	9	0	0	0
Kaithal	25	25	8	58	25	25	0	0	0
Gurugram (N)	2	2	2	6	2	2	0	0	2
Gurugram (S)	17	142	312	471	14	140	3	2	1
Hisar	33	0	35	68	33	0	0	0	0
Karnal	43	33	0	76	43	33	0	0	0
Kurukshetra	2	3	2	7	2	3	0	0	0
Nuh	0	6	0	6	0	6	0	0	0
Palwal	1	6	0	7	1	4	0	2	0
Panchkula	10	7	5	22	10	7	0	0	0
Panipat	0	40	0	40	0	40	0	0	0
Sonepat	7	17	92	116	7	17	0	0	0
Yamuna Nagar	4	49	14	67	4	49	0	0	0
Total	249	426	1334	2009	246	422	3	4	3
							1999		10

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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
Total	15

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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 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
Total	1131	1131	0	6915	2938

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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Annual Report 2020-21

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
	<u>RECEIPTS/INCOME</u>	(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	Misc Receipts	
	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
	TOTAL	18359.91

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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
	Expenditure	(In Lakh)
(A)	<u>SALARIES</u>	-
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	
	Sub Total =	5541.39
(B)	<u>OFFICE EXPENSES</u>	-
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
(C)	Strengthening of existing laboratory and setting up of additional laboratory/Library Books	0.00
	i) Purchase of CAAQMS	60.00
(D)	Equipment for Ambient Air Monitoring & stack monitoring Kit	0.00

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Annual Report 2020-21

(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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Annual Report 2020-21



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

07/1

Agenda Item No. 193.07

Regarding approved fuel.

The agenda regarding approved fuels was earlier placed before the Board in its 181st meeting held on 18.08.2018 vide agenda item no. 181.5 (**Annexure-A**) and subsequently in 183rd meeting held on 11.01.2019 vide agenda item 183.12 (**Annexure-B**) for approval and were approved by the Board.

Commission for Air Quality Management (CAQM) in National Capital Region and Adjoining Areas, New Delhi has issued directions no. 65 vide F. No. A-110018/01/2021-CAQM/8218-40 dated 23rd June, 2022 (**Annexure-C**) regarding list of approved fuel in NCR for adoption by State Pollution Control Board. The standard list of approved fuels shall come in force w.e.f. 01.10.2022 (for areas where PNG infrastructure and supply is already available) and w.e.f. 01.01.2023 (for other areas where the PNG supply is still not available). In effect, the approved fuel list shall be completely in force in the entire NCR w.e.f. 01.01.2023.

Accordingly HSPCB has issued list of approved fuel vide order dated 22.07.2022 (**Annexure-D**) for NCR and non NCR districts in the State pursuant to the compliance of directions issued by CAQM.

The orders dated 22.07.2022 regarding approved fuel issued by HSPCB is placed before the Board for kind information please.

Rajendra
(Air Cell)

07/2

Annexure A

Agenda Item no:- 1st.5 Regarding approved fuel notification.

Environment Pollution (Prevention and Control) Authority (EPCA) vide its letter dated 13.07.2018 (copy enclosed as **Annexure A**) intimates that as per section 2.7.9 of Comprehensive Action Plan (CAP), the Government of Delhi, Rajasthan, Haryana and Uttar Pradesh are required to issue notification regarding acceptable fuels in NCR Districts under section 19.3 of the Air (Prevention and Control of Pollution) Act, 1981 (copy enclosed as **Annexure B**) by December 31, 2017. EPCA would like to know the progress made by Haryana Government in this matter and timeline by which the state will issue the approved fuel notification for implementation in NCR Districts of Haryana.

In view of above, following fuels may be considered to use in State of Haryana as approved fuel;

1. Petrol (BS VI with 10 ppm Sulphur) as per the Notification of Government of India as amended from time to time.
2. Diesel (BS VI with 10 ppm Sulphur) as per the Notification of Government of India as amended from time to time.
3. Liquid Petroleum Gas (LPG) for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles .
5. Piped Natural Gas (PNG) for boilers, furnaces and Thermic Fluid Heater.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heater and Brick Kilns.
8. Low- Sulphur Diesel Fuel (LSDF) for boilers, furnaces, Thermic Fluid Heater and incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Bagasse, Almond husk, Walnut Husk either in the form of Briquettes or loose to be used in Boilers, Brick kilns, Thermic Fluid Heater.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for Tandoors and Grills of Hotels / Restaurants/ Banquet Halls, Eating Houses having emission channelization/ control system.
12. Wood Charcoal for use in clothes ironing.
13. Wheat Stubble and Paddy Straw for power generation.
14. Biogas.
15. Refuse Derived Fuel (RDF) for Waste-to-Energy Plants.
16. Any other fuel notified by Govt. of Haryana / Govt. of India, subsequently to this notification.

Department of Environment and Climate Change, Haryana has already been requested to notify the above said fuels as approved fuels to be used in State of Haryana by issuing a draft notification in this regard for inviting objections / suggestions of all stakeholders.

The matter is placed before the Board for ex-post facto approval, please.



07/3

ENVIRONMENT POLLUTION (PREVENTION & CONTROL) AUTHORITY
for the National Capital Region

FFMS-39/18
Date: 25/7/18
Dr Bhure Lal
Chairman



EPCA-R/2018/L-71.
July 13, 2018

7242

Dear Sh. Dhesi,

Your attention is invited to the Comprehensive Action Plan (CAP) for air pollution control in Delhi-NCR prepared by EPCA and approved by the Hon' ble Supreme Court of India on December 13, 2017. As per Section 2.7.9 (Industries) of the CAP, the government of Delhi, Rajasthan, Haryana and Uttar Pradesh are required to issue notification regarding acceptable fuels in NCR districts under Section 19.1 and Section 19.3 of the Air (Prevention and Control of Pollution) Act, 1981 by December 31, 2017 (copy enclosed).

The Department of Environment, Delhi Govt. has issued notification dated June 29, 2018 regarding the approved fuels to be used in National Capital Territory of Delhi (copy enclosed). As per the said notification existing industries/ Units shall convert / switch over from their existing fuels to the approved fuels within 90 days of issue of notification i.e. September 29, 2018.

EPCA would like to know the progress made by the State Govt. of Haryana in the matter and timeline by which the State Govt. will issue the approved fuel notification for implementation in NCR districts of Haryana.

With regards,

Yours faithfully

Dr. Bhure Lal,
Chairman, EPCA

O/o ACS Ind/CA/Env./AR
Member Secretary, HGRA, Hary
Diary No. 2753
Dated 24/07/2018

CHAIRMAN
25-7-18

To
Shri Depinder Singh Dhesi, IAS,
Chief Secretary, Haryana
Haryana Civil Secretariat, Sector-1,
Chandigarh-160001
Cell (E-mail: cs-haryana@nic.in)

				Bawana Plant. Unit 1 should be made operational by 1/3/2018.
2.7.7	Progressively close the older and more polluting thermal power plants in NCR and to move to cleaner natural gas. Change the merit order dispatch policy of the Union government so as to incentivize cleaner plants to operate in the region.	Ministry of Power and state governments	MoP and MoPNG to provide plan with timelines by February 28, 2018	
INDUSTRIES				
2.7.8	Urgent ban on furnace oil, pet coke, which are dirty industrial fuels with high Sulphur and heavy metals:	MoEF&CC and state governments	Done. State governments of Delhi, Haryana, UP and Rajasthan to comply with SC order of October 24, 2017	Agreed
2.7.9	Strict enforcement against illegal use of such fuels, including fuels which do not have specifications laid down or are included in the acceptable fuels as mandated by state pollution control boards	DPCC and state pollution control boards	Immediate. State government of Delhi, Rajasthan, UP and Haryana to issue notification under Section 19.1 and 19.3 of Air Act, 1980 by December 31, 2017 State govt.	Agreed

07/5

2.7.10	Strict enforcement of air pollution control measures in all industries, includes those located in unauthorized areas.	DPCC and all state pollution boards	Immediate	Agreed	MSPC
2.7.11	Stop unrestricted import of such fuels, which are high in pollution because of high Sulphur or toxins	Ministry of Commerce	Immediate	The matter is under discussion with MOPNG and DGFT and will be finalized shortly	MSP
2.7.12	Ensure that the sale, transportation and distribution of such fuels follows CMVR strictly for hazardous goods and ensure that there is no sale in restricted regions	Oil marketing companies	Immediate	Agreed	
2.7.13	Ensure calibration and working of Continuous Emission Monitoring System (CEMS) in all industries in NCR and provide information to monitoring agencies to begin and work out how this information can be provided to public as this will ensure that the system is operational	CPCB, DPCC and all state boards	Immediate	Agreed	MSPC
BRICK-KILNS					
2.7.14	Convert all brick kilns to zigzag technology - from natural draft kilns to induced-draft kilns (zigzag technology).	MOEF, C and state pollution control boards	Done as per following schedule. Only brick kilns which have converted to zig-zag technology and have been certified by the state pollution	Agreed	MSPC F&S

(h) to advise the State Government with respect to the suitability of any premises or location for carrying on any industry which is likely to cause air pollution;

(i) 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;

(j) 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 purposes of this Act.

(2) A State Board may establish or recognise a laboratory or laboratories to enable the State Board to perform its functions under this section efficiently.

18. Powers to give directions.—¹³[(1)] In the performance of its functions under this Act—

(a) the Central Board shall be bound by such directions in writing as the Central Government may give to it; and

(b) every State Board shall be bound by such directions in writing as the Central Board or the State Government may give to it:

Provided that where a direction given by the State Government is inconsistent with the direction given by the Central Board, the matter shall be referred to the Central Government for its decision.

¹⁴[(2) Where the Central Government is of the opinion that any State Board has defaulted in complying with any directions given by the Central Board under sub-section (1) and as a result of such default a grave emergency has arisen and it is necessary or expedient so to do in the public interest, it may, by order, direct the Central Board to perform any of the functions of the State Board in relation to such area, for such period and for such purposes, as may be specified in the order.

(3) Where the Central Board performs any of the functions of the State Board in pursuance of a direction under sub-section (2), the expenses, if any, incurred by the Central Board with respect to the performance of such functions may, if the State Board is empowered to recover such expenses, be recovered by the Central Board with interest (at such reasonable rate as the Central Government may, by order, fix) from the date when a demand for such expenses is made until it is paid from the person or persons concerned as arrears of land revenue or of public demand.

(4) For the removal of doubts, it is hereby declared that any direction to perform the functions of any State Board given under sub-section (2) in respect of any area would not preclude the State Board from performing such functions in any other area in the State or any of its other functions in that area.]

COMMENTS

The alternative fuel of CNG, LPG and electricity is a preferred technology which critically polluted cities like Delhi need as a leapfrogging technological option: *M.G. Mehta v. Union of India* (2002) 4 S.C.C. 356.

CHAPTER IV

PREVENTION AND CONTROL OF AIR POLLUTION

19. Power to declare air pollution control areas.—(1) The State Government may, after consultation with the State Board, by notification in the

13. S. 18 renumbered as sub-S. (1) thereof by Act 47 of 1987, S. 8 (w.e.f. 1-4-1988).

14. Inserted by Act 47 of 1987, S. 8 (w.e.f. 1-4-1988).

Q

Official Gazette, declare in such manner as may be prescribed, any area or areas within the State as air pollution control area or areas for the purposes of this Act.

(2) The State Government may, after consultation with the State Board, by notification in the Official Gazette,—

(a) alter any air pollution control area whether by way of extension or reduction;

(b) declare a new air pollution control area in which may be merged one or more existing air pollution control areas or any part or parts thereof.

19 →

(3) If the State Government, after consultation with the State Board, is of opinion that the use of any fuel, other than an approved fuel, in any air pollution control area or part thereof, may cause or is likely to cause air pollution, it may, by notification in the Official Gazette, prohibit the use of such fuel in such area or part thereof with effect from such date (being not less than three months from the date of publication of the notification) as may be specified in the notification.

(4) The State Government may, after consultation with the State Board, by notification in the Official Gazette, direct that with effect from such date as may be specified therein, no appliance, other than an approved appliance, shall be used in the premises situated in an air pollution control area:

Provided that different dates may be specified for different parts of an air pollution control area or for the use of different appliances.

(5) If the State Government, after consultation with the State Board, is of opinion that the burning of any material (not being fuel) in any air pollution control area or part thereof may cause or is likely to cause air pollution, it may, by notification in the Official Gazette, prohibit the burning of such material in such area or part thereof.

COMMENTS

Once the manner is prescribed under the Rules undoubtedly the declaration of the area has to be only in accordance with the manner prescribed but absence of rules will not render the Act inoperative. The power vested under S. 19 of the Air (Prevention and Control of Pollution) Act, would still be exercisable as provided under the provision, i.e., by declaring an area as air pollution control area by publication of notification in the Official Gazette. Non-framing of Rules does not curtail the power of the State Government to declare any area as air pollution control area by means of a notification published in the Official Gazette: *Orissa State Prevention and Control of Pollution v. Orient Paper Mills A.I.R. 2003 S.C. 1966.*

20. Power to give instructions for ensuring standards for emission from automobiles.—With a view to ensuring that the standards for emission of air pollutants from automobiles laid down by the State Board under clause (g) of sub-section (1) of section 17 are complied with, the State Government shall, in consultation with the State Board, give such instructions as may be deemed necessary to the concerned authority in charge of registration of motor vehicles under the Motor Vehicles Act, 1939 (4 of 1939)¹⁵, and such authority shall, notwithstanding anything contained in that Act or the rules made thereunder be bound to comply with such instructions.

21. Restrictions on use of certain industrial plants.—¹⁶[(1) Subject to the provisions of this section, no person shall, without the previous consent of the

15. Now see the Motor Vehicles Act, 1988 (59 of 1988).
16. Substituted by Act 47 of 1987, S. 9, for sub-S. (1) (w.e.f. 1-4-1988).

Q

07/8 Annexure B

Agenda Item no:-183.12 Regarding approved fuel notification.

The above said agenda regarding list of approved fuels was already placed before the Board in its 181st Board meeting held on 08.08.2018 vide agenda item no. 181.5 (for ex-post facto approval), which was approved by the Board and enclosed as **Annexure- A**. The list of approved fuels has now modified as per recommendation of TAC in its meeting held on 13.11.2018 (copy of minutes enclosed as **Annexure-B**) and orders has been issued after approval of the Govt. The copy of order issued regarding approved fuel list in the State is enclosed as **Annexure-C**.

The matter is placed before the Board for ex-post facto approval, please.

Agenda Item no:- Regarding approved fuel notification.

Environment Pollution (Prevention and Control) Authority (EPCA) vide its letter dated 13.07.2018 (copy enclosed as **Annexure A**) intimates that as per section 2.7.9 of Comprehensive Action Plan (CAP), the Government of Delhi, Rajasthan, Haryana and Uttar Pradesh are required to issue notification regarding acceptable fuels in NCR Districts under section 19.3 of the Air (Prevention and Control of Pollution) Act, 1981 (copy enclosed as **Annexure B**) by December 31, 2017. EPCA would like to know the progress made by Haryana Government in this matter and timeline by which the state will issue the approved fuel notification for implementation in NCR Districts of Haryana.

In view of above, following fuels may be considered to use in State of Haryana as approved fuel;

1. Petrol (BS VI with 10 ppm Sulphur) as per the Notification of Government of India as amended from time to time.
2. Diesel (BS VI with 10 ppm Sulphur) as per the Notification of Government of India as amended from time to time.
3. Liquid Petroleum Gas (LPG) for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles .
5. Piped Natural Gas (PNG) for boilers, furnaces and Thermic Fluid Heater.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heater and Brick Kilns.
8. Low- Sulphur Diesel Fuel (LSDF) for boilers, furnaces, Thermic Fluid Heater and Incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Bagasse, Almond husk, Walnut Husk either in the form of Briquettes or loose to be used in Boilers, Brick kilns, Thermic Fluid Heater.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for Tandoors and Grills of Hotels / Restaurants/ Banquet Halls, Eating Houses having emission channelization/ control system.
12. Wood Charcoal for use in clothes ironing.
13. Wheat Stubble and Paddy Straw for power generation.
14. Biogas.
15. Refuse Derived Fuel (RDF) for Waste-to-Energy Plants.
16. Any other fuel notified by Govt. of Haryana / Govt. of India, subsequently to this notification.

Department of Environment and Climate Change, Haryana has already been requested to notify the above said fuels as approved fuels to be used in State of Haryana by issuing a draft notification in this regard for inviting objections / suggestions of all stakeholders.

The matter is placed before the Board for ex-post facto approval, please.

Recommendation of Technical Advisory Committee of HSPCB made in its meeting held on 13.11.2018 under the Chairmanship of Sh. S. Narayanan IFS, Member Secretary, HSPCB.

The meeting of TAC was held on 13.11.2018 under the Chairmanship of Sh. S. Narayanan, Member Secretary, HSPCB in his office and the following members of the committee and other officers attended the meeting:-

1. Sh. Satpal Singh Rathi, Sr. Environment Engineer-I (HQ).
2. Sh. Chand Saini, Sr. Environment Engineer-II (HQ).
3. Sh. Rajesh Garhia, Sr. Scientist (HQ).
4. Sh. Satbir Singh, District Attorney (HQ)
5. Sh. R.K. Bhosle, Regional Officer, Panchkula
6. Sh. Vikas Chand, AEE(HQ)

Sh. J.P. Singh, EE (HQ) did not attend the meeting and Sh. Nitin Mehta, EE-IT (HQ). Sh. Nirmal Kumar, EE (HQ) attended the meeting as special invitee.

At the outset of the meeting, Sr.EE-I welcomed all the officers in the meeting and thereafter, the agenda items circulated vide letter no. HSPCB/PLG-TAC/2018/5627-35 dated 13.11.2018 was taken up and discussed in the meeting as detailed below:-

Agenda item No. 1

Regarding Ease of Doing Business (EoDB) Mandate-Business Reforms Action Plan.

The above said agenda item has been received from Planning Branch for devising and recommending the comprehensive procedure for auto renewal of consent to operate under Water Act, 1974 and Air Act, 1981 as requested by EE-IT so as to implement the same to online system by their Branch in view of Ease of Doing Business (EoDB) Mandate as per requirement of Business Reforms Action Plan 2018. The EE-IT has requested to finalize the application forms, declaration, documents, fee structure, format of verification report, certificate of grant for auto renewal of CTO and to suggest about the requirement of signature of issuing authority/officer, any other specific condition, post verification in case of grant/ refusal of CTO application with timeline for purpose of developing the software for auto renewal of CTO and OCMMS.

The Board has already laid down the procedure for renewal of consent to operate under Water Act, 1974 and Air Act, 1981 alongwith application for auto renewal of CTO and checklist of documents vide order Endst. No. HSPCB/2018/517-546 dated 26.02.2018 but the mechanism for auto renewal of CTO has not been developed in the OCMMS and the application for renewal of CTO are being processed involving the verification by the concerned officers of the Board and without auto generation of the renewed CTO.

The matter has been discussed in the meeting of the Technical Advisory Committee of the Board held on 13.11.2018 and after detail deliberation the

Satpal Singh
 Chand Saini
 Rajesh Garhia
 Satbir Singh
 R.K. Bhosle
 Vikas Chand

07/11

comprehensive procedure has been recommended by the TAC considering the requirement of IT Cell which is at Annexure-X attached herewith.

Agenda item No. 2

Consideration of the proposal of Forest Department for granting of Rs. 1.41 Crore for work of fencing in the Beed Ghaggar.

The above said agenda item has been received from Water Cell regarding Consideration of the proposal of Forest Department for granting of Rs. 1.41 Crore for work of fencing in the Beed Ghaggar.

The matter was discussed in the meeting and after detailed deliberation, the committee was of the opinion that the matter relates to the decision taken by the Hon'ble Environment, Industries and Commerce Minister in the Environment Day celebration events, finalized for World Environment Day, 2018.

Accordingly, it was decided that the concerned Branch (Publicity) will put up the proposal, after examining the decision taken and approvals obtained in this regard. Secondly it was also decided that the expenditure details received from Division Forest Officer, Morni through Director, Environment he got routed through Principal Chief Conservator of Forest with his recommendation after due verification of norms and physical achievements of the same.

Additional Agenda item No. 1

Regarding approved fuel notification in the National Capital Region, Haryana.

The above said agenda item has been received from Air Cell-I regarding issuance of approved fuel notification in the National Capital Region, Haryana. During the course of the meeting the Branch Incharge Air Cell-I has informed that earlier the draft for approved fuel notification for issuance of draft notification was submitted to the Environment Department for which ex-post facto approval from the Board was taken vide agenda item no. 181.5 and now the file has been returned by the Government for re-examination of the list of approved fuel for the State, proposed by the Board. It was also apprised by the Branch Incharge that the such recommendation was submitted to the Government as asked by Environment Protection Advisory Committee (EPCA) vide their letter dated 13.07.2018, to issue notification regarding acceptable fuels in NCR Districts under section 19.1 and section 19.3 of Air Act, 1981.

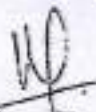
The matter was discussed in the meeting and after detail deliberation, the committee is of the opinion that the following fuels may be proposed to the Government to be notified under Air Act, 1981 as approved fuels for various uses in the whole State with adequate pollution control devices wherever required, after following the due procedure:-

1. Petrol (as approved by the Government of India norms as amended from time to time).

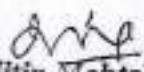
2. Mr. Singh
N *Agarwal* *G. Ch* *an* *an*

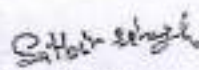
07/12


2. Diesel (as approved by the Government of India norms as amended from time to time).
3. Liquid Petroleum Gas (LPG) and PNG for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles.
5. Piped Natural Gas (PNG) and LPG for boilers, furnaces, Lime Kilns and Thermic Fluid Heaters.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heaters, Lime Kilns and Brick Kilns.
8. Low- Sulphur Diesel Fuel (LSDF) for boilers, furnaces, Lime Kilns, Thermic Fluid Heater and incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Bagasse, Almond husk, Walnut Husk either in the form of Briquettes or loose to be used in Boilers, furnaces, Brick kilns.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for use in clothes ironing.
12. Biogas, Bio fuel, Char Coal.
13. Refuse Derived Fuel (RDF) for Power Plant, Cement Plants including Waste-to-Energy Plants.


(Vikas Chand)
AEE (HQ)

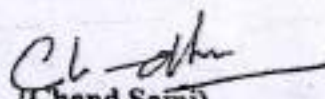

(R.K. Bhosle)
RO Panchkula

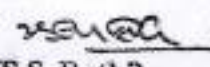

(Nitin Mehta)
EE-IT (HQ)
(Special Invitee)


(Satbir Singh)
District Attorney


(Nirajal Kumar)
EE(HQ)
(Special Invitee)


(Rajesh Garhia)
Sr. Sc. (HQ)


(Chand Saini)
Sr. E.E.-II (HQ)


(S.S. Rathi)
Sr. E.E.-I (HQ)



07/13

HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Ph- 0172 -2577870-73 Fax No. 2581201
E-mail: hspcbhc@gmail.com

ORDER

In pursuance of the provisions of section 2(d) of the Air (Prevention and control of Pollution) Act, 1981 the Haryana State Pollution Control Board hereby declares the following fuels as the "Approved Fuels" for the purpose of the said act in the state of Haryana with adequate pollution control devices wherever required namely :-

1. Petrol (as per norms prescribed by Govt. of India from time to time)
2. Diesel (as per norms prescribed by Govt. of India from time to time)
3. Liquid Petroleum Gas (LPG) and PNG for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles.
5. Piped Natural Gas (PNG) and LPG for boilers, furnaces, Lime Kilns and Thermic Fluid Heaters.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heaters, Lime Kilns and Brick Kilns.
8. Low- Sulphur Diesel Fuel (LSDF) for boilers, furnaces, Lime Kilns, Thermic Fluid Heater and incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Bagasse, Almond husk, Walnut Husk either in the form of Briquettes or loose to be used in Boilers, furnaces, Brick kilns.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for use in clothes ironing.
12. Biogas, Bio fuel, Char Coal.
13. Refuse Derived Fuel (RDF) for Power Plant, Cement Plants including Waste-to-Energy Plants

Dated Panchkula, the
11th December, 2018

Ashok Kheterpal,
Chairman

Endst. No. 4023-4076

Date: 12-12-2018

A copy of the above order is forwarded to the following for information:

1. Chairman, EPCA
2. Chief Secretary, Govt. of Haryana
3. Secretary, MoEF & CC, G.O.I.
4. Additional Chief Secretary, Department of Environment and Climate Change, Haryana.
5. Additional Chief Secretary, Department of Industries and Commerce, Haryana
6. Additional Chief Secretary, Haryana Transport Department, Haryana.
7. Additional Chief Secretary, Civil Aviation Department, Haryana
8. Principal Secretary to Government, Haryana, Renewable Energy Department
9. Chairman, CPCB
10. All Deputy Commissioners in the state of Haryana
11. All Branch Incharges, Head Office, HSPCB
12. All Regional Officers of HSPCB in the field
13. EE (IT) for uploading the order on website
14. PS to Chairman, HSPCB
15. PA to Member Secretary, HSPCB


11/12/18
Environmental Engineer
For Chairman, HSPCB

COMMISSION FOR AIR QUALITY MANAGEMENT
IN NATIONAL CAPITAL REGION AND ADJOINING AREAS
17th Floor, Jawahar Vyapar Bhawan (STC Building)
Tolstoy Marg, New Delhi-110001

F. No. A-110018/01/2021-CAQM/8218-40

Dated: 23rd June, 2022

Subject: Standard list of approved fuels for various applications across NCR.

WHEREAS, emissions due to use of polluting fuels for various industrial, vehicular, domestic and miscellaneous purposes contribute significantly to the degradation of air quality in the NCR and adjoining areas and accordingly a consistent need has been felt to switch over to lesser polluting and cleaner fuel in the NCR;

2. WHEREAS, the Central Govt., State Govts. in the NCR and the Govt. of the NCT of Delhi have been continually making efforts to move towards use of cleaner fuels across various sectors contributing to the overall air quality in the region;

3. WHEREAS, the Govt. of NCT of Delhi and the State Govts. of Haryana and Rajasthan have an approved fuel list for various applications in their respective states, including the districts in the NCR, the State of Uttar Pradesh presently does not have an approved fuel list of its own;

4. WHEREAS, a perusal of such approved fuel lists as above indicates that there are still some heavily polluting fuels featuring in the approved fuel lists like coal, HSD, Naptha, LDO etc., the lists are not comprehensive, non-uniform and vary significantly from state to state;

5. WHEREAS, the matter related to use of clean fuels for industrial applications has already been deliberated extensively in the Commission from time to time and shifting of industries to PNG / cleaner fuels has been a priority area for the Commission and to this effect, statutory directions for permissible fuels for industrial applications in the NCR have already been issued in terms of Direction Nos. 53, 62, 63 and 64 dated 04.02.2022, 17.03.2022, 18.05.2022 and 02.06.2022 respectively;

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Direction No. 65

6. WHEREAS, the concerns of air pollution are uniform across NCR and particularly from the standpoint of a common airshed approach for the entire NCR and adjoining areas, it is desirable to have a unified list of approved fuels for various applications across all sectors in the entire territorial jurisdiction of the NCR towards aiming for uniform and better emission standards and an overall improved air quality in the region;

7. WHEREAS, in pursuance of the Order of Hon'ble Supreme Court of India dated 16.12.2021 (Civil) No 1135 in the matter of Aditya Dubey (minor) and Anr v/s UOI & Ors, directed the Commission to with a view to "find permanent solution to the air pollution menace occurring every year in Delhi and NCR, suggestions may be invited from the general public as well as the experts in the field, an Expert Group was constituted by the Commission to examine and deliberate upon all such suggestions and proposals;

8. WHEREAS, the Expert Group in their report in the subject matter have also strongly recommended phasing out usage of heavily polluting fossil fuels like coal, diesel oil, light diesel oil (LDO), Pyrolysis oil, Naptha etc. across NCR and to this end, have recommended a "Common" approved fuel list for NCR, incorporating cleaner fuels, to the extent possible;

9. WHEREAS, the proposed standard / common fuel list for NCR was also deliberated upon as an agenda item in the recently held meeting of the full Commission on 25.05.2022 and considering the need to optimally balance the imperatives of sustainability of operations as also the emissions from use of various types/ categories of fuels that have a direct bearing on the air quality, the Commission approved the standard fuel list for uniform adoption of clean fuels across the entire NCR, barring some exceptions;

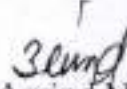
10. NOW, THEREFORE, in exercise of its powers under Section 12 of the Act, the Commission hereby directs for adoption of a standard list of fuels in NCR as annexed;

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11. The aforesaid standard list of approved fuels shall come in force w.e.f. 01.10.2022 (for areas where PNG infrastructure and supply is already available) and w.e.f. 01.01.2023 (for other areas where the PNG supply is still not available). In effect, the approved fuel list shall be completely in force in the entire NCR w.e.f. 01.01.2023.

12. Strict compliance of the above noted directions of the Commission be ensured by all concerned.


(Arvind Nautiyal)
Member-Secretary

Tel No.: 011-23701197

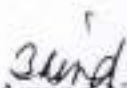
Email: arvind.nautiyal@gov.in

To,

1. The Chief Secretary, Govt. of Haryana.
2. The Chief Secretary, Govt. of Rajasthan.
3. The Chief Secretary, Govt. of Uttar Pradesh.
4. The Chief Secretary, Govt. of NCT of Delhi.
5. Member Secretary, Haryana State Pollution Control Board.
6. Member Secretary, Rajasthan State Pollution Control Board.
7. Member Secretary, Uttar Pradesh State Pollution Control Board.
8. Member Secretary, Delhi Pollution Control Committee.

Copy to:

The Chairperson and all Members, CAQM.


(Arvind Nautiyal)
Member-Secretary

07/17

Annexure to Direction No. 65Standard list of approved fuels for entire NCR

- **Petrol** (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time- **Vehicular fuel**
- **Diesel** (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time- **Vehicular fuel**
- **Hydrogen/Methane**- Vehicular and Industrial purposes.
- **Natural Gas (CNG/ PNG/ LNG)** - Vehicular, Industrial and Domestic Purposes
- **Liquified Petroleum Gas (LPG) /Propane/Butane** - Vehicular, Industrial and Domestic Purposes
- **Electricity** - Vehicular, Industrial, Commercial and Domestic Purposes.
- **Aviation turbine fuel**
- **Biofuels** (Bio-alcohols, Bio-diesel, Bio-gas, CBG, Bio-CNG)- for industrial/vehicular/Domestic purposes as applicable.
- **Refuse Derived Fuel (RDF)** for Power plants, Cement plants, Waste to Energy plants.
- **Firewood/ Biomass briquettes** for religious purposes.
- **Wood/Bamboo Charcoal** for Tandoors and Grills of Hotels/Restaurants/Banquet Halls (with emission channelization/control system) and Open eateries/ Dhabas.
- **Wood charcoal** for cloth ironing.
- **Electricity/ CNG/ Firewood and Biomass briquettes** for Crematoria.

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07/18

Annexure to Direction No. 65Fuels permissible only beyond the jurisdiction of GNCTD

- Biomass/Agriculture refuse and Pellets/ briquettes - for Industrial Boilers, Power plants, Biofuel projects, Cement industry, Waste to Energy plants etc.
- Biomass Pellets/ briquettes - for Tandoors and Grills of Hotels/ Restaurants/ Banquet Halls (along with mandatory emission channelization/ control system) and for Open eateries/ Dhabas.
- Metallurgical coke - For industrial purposes in standalone Cupola based Foundries.
- "Low Sulphur Fuels" namely LSHS, Very Low Sulphur fuel oil & Ultra-Low Sulphur fuel Oil - for industrial purposes in metal smelting/melting/ refining / heating furnaces and kilns.

NOTE:

1. Coal with low Sulphur shall be permitted as fuel only in Thermal Power Plants in the NCR.
2. Specific requirement of any other fuel(s), other than in the lists above, by a class/category of industries / other entities, owing to technical, technological and / or process requirements shall be considered by CAQM on merits.
3. Any other clean fuel notified by the Govt. of India, from time to time, shall be included in the list appropriately.
4. All other fuels will be deemed as "unapproved" in as far as the NCR is concerned.



07/19 Annexure-1 B

329059/2022/Air_Cell



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Ph-2577870-74 E-mail:hspcbaircell@gmail.com

ORDER

Whereas, Haryana State pollution Control Board, after taking approval from State Government has notified approved fuels in the whole State vide order endst. No. 4023-4076 dated 12.12.2018; and,

Whereas, Commission for Air Quality Management in National Capital Region and Adjoining Areas, New Delhi has issued the direction no. 65 regarding Standard list of approved fuels for various applications across NCR for uniform adoption of clean fuels across the entire NCR vide F.No. A-110018/01/2021-CAQM/8218-40 dated 23rd June, 2022;

Therefore, in compliance of directions passed by Commission for Air Quality Management in National Capital Region and Adjoining Areas, New Delhi and in pursuance of the provisions of section 2(d) of the Air (Prevention and control of Pollution) Act, 1981 the Haryana State Pollution Control Board hereby declares the fuels as the "Approved fuels for NCR and Non-NCR district of Haryana" annexed as 1 and 2 respectively for the purpose of the said act with adequate pollution control devices wherever required.

The aforesaid standard list of approved fuels in NCR (Annexure-1) shall come in force w.e.f. 01.10.2022 (for areas where PNG infrastructure and supply is already available) and w.e.f. 01.01.2023 (for other areas where the PNG supply is still not available). In effect, the approved fuel list for NCR shall be completely in force in the entire NCR w.e.f. 01.01.2023.

Dated Panchkula, the
21st July, 2022
Endst no. HSPCB/ Aircell/2022/

A.K. Singh, IAS,
Chairman
Dated:-

A copy of the above order is forwarded to the following for information please:

1. Chairperson, CAQM, New Delhi.
2. Chief Secretary, Govt. of Haryana.
3. Secretary, MOEF & CC, Govt. of India.
4. ACS, New & Renewable Energy Department, Haryana.
5. ACS, Civil Aviation Department, Haryana.

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329859/2022/Air_Cell

6. ACS, Agriculture & Farmers Welfare and Development & Panchayats.
7. ACS, Environment & Climate Change Department, Haryana.
8. PS, Urban Local Bodies Department, Haryana,
9. PS, Industries & Commerce Department, Haryana.
10. PS, Transport Department, Haryana.
11. Chairman, CPCB.
12. All Deputy Commissioners in the State of Haryana.
13. All Branch In-charges, Head Office, HSPCB.
14. All Regional Officers of HSPCB in the field.
15. EE (IT) for uploading the order on website.
16. P.S. to Chairman, HSPCB.
17. P.A. to Member Secretary, HSPCB.

Signed by Vinay Gautam

Date: 22-07-2022 11:55:53
Environmental Engineer (HQ)

Reason: Approved
For Chairman

A copy of above is forwarded to following for kind information please.

1. PS to PSCM.
2. PS to APSCM.

Annexure-1

Standard list of approved fuels for entire NCR.

1. Petrol (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time- Vehicular fuel.
2. Diesel (BS VI with 10 ppm Sulphur) as per Notification of Government of India as amended from time to time- Vehicular fuel.
3. Hydroge4/Methane- Vehicular and Industrial purposes.
4. Natural Gas (CNG/PNG/LNG) - Vehicular, Industrial and Domestic Purposes
5. Liquefied Petroleum Gas (LPG) /Propane/Butane - Vehicular, Industrial and Domestic Purposes
6. Electricity - Vehicular, Industrial, Commercial and Domestic Purposes.
7. Aviation turbine fuel
8. Biofuels (Bio-alcohols, Bio-diesel, Bio-gas, CBG, Bio-CNG)- for industrial/vehicular/Domestic purposes as applicable.
9. Refuse Derived Fuel (RDF) for Power plants, Cement plants, Waste to Energy plants.
10. Firewood/ Biomass briquettes for religious purposes.
11. Wood/Bamboo Charcoal for Tandoors and Grills of Hotels/Restaurants/Banquet Halls (with emission channelization/control system) and Open eateries/ Dhabas.
12. Wood charcoal for cloth ironing.
13. Electricity/ CNG/ Firewood and Biomass briquettes for Crematoria.
14. Biomass/Agriculture refuse and Pellets/briquettes - for Industrial Boilers, Power plants, Biofuel projects, Cement industry, Waste to Energy plants etc.
15. Biomass Pellets/ briquettes - for Tandoors and Grills of Hotels/ Restaurants/ Banquet Halls (along with mandatory emission channelization/ control system) and for Open eateries/ Dhabas.
16. Metallurgical coke - For industrial purposes in standalone Cupola based Foundries.

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17. "Low Sulphur Fuels" namely LSHS, Very Low Sulphur fuel oil & Ultra-Low Sulphur fuel Oil - for industrial purposes in metal smelting/melting/ refining / heating furnaces and kilns.

Note:

1. Coal with low Sulphur shall be permitted as fuel only in Thermal Power Plants in the NCR.
2. Any other clean fuel notified by the Govt. of India, from time to time, shall be included in the list appropriately.
3. All other fuels will be deemed as "unapproved" in as far as the NCR is concerned.
4. The aforesaid standard list of approved fuels in NCR shall come in force w.e.f. 01.10.2022 (for areas where PNG infrastructure and supply is already available) and w.e.f. 01.01.2023 (for other areas where the PNG supply is still not available). In effect, the approved fuel list for NCR shall be completely in force in the entire NCR w.e.f. 01.01.2023.

Annexure-2

Standard list of approved fuels for entire non NCR.

1. Petrol (as per norms prescribed by Government of India from time to time).
2. Diesel (as per norms prescribed by Government of India from time to time).
3. Liquid Petroleum Gas (LPG) and PNG for domestic and commercial use.
4. Natural Gas/Compressed Natural Gas (CNG) for vehicles.
5. Piped Natural Gas (PNG) and LPG for boilers, furnaces, Lime Kilns and Thermic Fluid Heaters.
6. Aviation turbine fuel.
7. Coal for boilers, furnaces, Thermic Fluid Heaters, Lime Kilns and Brick Kilns.
8. Low- Sulphur Diesel Fuel (LSDF) for boilers, furnaces, Lime Kilns, Thermic Fluid Heater and incinerators.
9. Biomass / Agriculture refuse such as Rice Husk, Mustard Husk, Bagasse, Almond husk, Walnut Husk either in the form of Briquettes or loose to be used in Boilers, Furnace, Brick Kilns.
10. Firewood and dung cake for domestic use, crematoriums and for other religious purposes.
11. Wood Charcoal for use in clothes ironing.
12. Biogas, Bio fuel, Char Coal.
13. Refuse Derived Fuel (RDF) for Power Plant, Cement Plants including Waste-to-Energy Plants.