

Format for reporting implementation and monitoring of various recommendations of the Monitoring Committee

Name of SPCB/PCC:

Compliance Status (15 July- 14 October 2019)

A. Basic Information

1.(a) Whether scientific principles based identification & quantification of hazardous and other wastes are carried out at the authorization stage by the Board itself: (Yes/No) If no,

(b) Whether (1) (a) above is carried out through third party: (Yes/No) if yes,

(c) provide details of the third party:

(d) If No, timeline for adopting the same.

2.(a) Whether authorization is granted/renewed by evaluation by SPCB officials or through evaluation of expert committee? (Yes/No)

If yes, field of specialization of experts in the committee?

If no, time line (month and year) for implementation of 2(a) above.

(b) Whether authorization documents clearly stipulates respective mode of management (such as common or captive incineration/secured landfilling or pre-processing or recycling or utilization or export or captive storage, as applicable) for each category of HW being generated. (Yes/No) if no;

(c) Timeline (month and year) for implementation of (2) (b) above

3.(a) Whether elaborate protocols for pre-processing and recycling/utilisation facilities for enhanced level and frequency of enforcement and environmental monitoring have been laid down by the SPCB (Yes/No).

(b) If yes:

(i) what is frequency of inspection laid down in the said protocol (in terms of nos. of inspections per nos. of months):inspections in everymonth(s)

(ii) what is frequency of sampling & analysis of the concerned parameters laid down in the said protocol (in terms of sampling & analysis of the concerned parameters inspections per nos. of inspections):sampling & analysis in everyinspection(s)

(c) If not, what is the target date by which above protocol would be developed: (Month & Year)

4. Whether uniform format (as suggested by Monitoring Committee) for inspections of hazardous and other wastes handling facilities has been adopted by SPCB: (Yes/No)

B. Hazardous and Other Wastes Generating Units and their authorization

5. Total No. of operating hazardous and other wastes handling units (15 July- 14 October):

6. Total No. of Units (having valid authorization) (15 July- 14 October):

7. (a) New Units applied for fresh authorization (15 July- 14 October):

- (b) (i) New Units of (a) above granted authorization:

(ii) Of (b)(i) above, uniform inspection format as at (4) above has been enclosed in how many authorisations:

- (c) (i) No. of fresh authorization granted (15 July- 14 October) to new units (who applied prior to 15/07/2019) and other than (b) above:

(ii) Of (c)(i) above, how many units were inspected & HW data and facilities have been scientifically verified (after 15/07/2019) before grant of authorization:

(iii) Of (c)(ii) above, uniform inspection format as at (4) above has been enclosed in how many authorizations:

- (d) Of (a) above, how many units were refused authorization:

- (e) Of (a) above, how many authorizations cancelled or suspended:

- (f) Other units (other than (a) above) who applied prior to 15/07/2019 and authorization was refused:

8. (a) Units applied for renewal of authorization (after 15/07/2019):

- (b) (i) Of units of (a) above, how many units have been granted renewal:

(ii) Of (b)(i) above, uniform inspection format as at (4) above has been enclosed in how many authorisations:

- (c) (i) No. of authorization renewed (after 15/07/2019) to units (who applied prior to 15/07/2019) and other than (b) above:

(ii) Of (c)(i) above, how many units were inspected & HW data and facilities have been scientifically verified (after 15/07/2019) before renewal of authorization:

(iii) Of (c)(ii) above, uniform inspection format as at (4) above has been enclosed in how many authorizations:

(d) Of (a) above, how many units were refused renewal of authorization:

(e) Other units (other than (a) above) who applied prior to 15/07/2019 and renewal of authorization was refused:

9.(a) Nos. of units inspected by SPCB (after 15/07/2019) only w.r.t. fresh/renewal of authorization:

(b) Nos. of hazardous and other wastes handling units (including recycling/utililizing/pre-processing/common TSDF facilities) inspected by SPCB (after 15/07/2019) for other purposes other than (a) above, where observations on compliance of HOWM Rules too were made (only nos. of units to be given and not nos. of inspections):

C. Scientific identification & quantification of HW

10.(a) Of the fresh authorization granted [i.e among 7(b)(i) and 7(c)(i)] above, in how many cases additional categories of hazardous wastes (other than that declared by the applicant) were:

i. Added (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

ii. Altered (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

(b) Of the fresh authorization granted [i.e among 7(b)(i) and 7(c)(i)] above, in how many cases category of other wastes (other than that declared by the applicant) were:

iii. Added (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

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- i. Altered (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

11.(a)Of the authorization renewed [i.e. among 8(b)(i), and; 8(c)(i)], in how many cases additional categories of hazardous wastes (other than that stipulated in the previous authorization) were:

- i. Added (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

- i. Altered (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

(b)Of the authorization renewed [i.e. among 8(b)(i), and; 8(c)(i)], in how many cases category of other hazardous wastes (other than that stipulated in the previous authorization) were:

- ii. Added (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

- iii. Altered (add multiple rows for multiple entries)

Name of units	No and type of categories added in each unit	Quantity

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12. Of the units inspected for other than grant/renewal of authorization purpose [i.e. among 9(b) above],

(a) in how many units, discrepancies in categories of hazardous/other wastes or quantities thereof or both to that stipulated in authorizations were observed:

(b) Of (a) above, in how many cases authorizations were amended accordingly:

13. Based on (10), (11) and (12) above, authorizations of how many similar process based units were amended (after 15/07/2019) accordingly:

14.(a) Of (10), (11), (12) and (13), in how many units “other waste” categories or quantities thereof or both have been added (after 15/07/2019):

(b) Of (14a) above, how many other waste category has been added:

D. Enhanced frequency of enforcement and environmental monitoring in hazardous or other waste recycling/ utilizing/ pre-processing/ waste collector facilities:

15. Of (5) above:

(a) How many units are hazardous wastes recycling or utilization units:

(b) How many units are “other wastes” recycling or utilizing units:

(c) How many units are recycling or utilization units of both i.e. hazardous waste and “other waste”:

(d) How many units are hazardous or other waste pre-processing units:

(e) How many units are waste collectors:

16. No. of inspections carried (after 15/07/2019) in units as at (15) above, as part of inspections for renewal of authorization:

17. No. of inspections (other than 16 above) carried (after 15/07/2019) in units as at (15) above:

18. No. of units (of 15 above) where monitoring (sampling & analysis) has been carried out by SPCB/PCC itself:

19. No. of units (of 15 above) where monitoring (sampling & analysis) has been carried out by private labs engaged by SPCB/PCC:

20. No. of units (of 15 above) whose annual return has been verified and validated by SPCB:

E. Manifest document

21. Of (5) above, verification of closing of manifest documents and reconciliation of the same were done by SPCB (after 15/07/2019) in how many units:

F. Inventory

22. Of (5) above

(a) How many hazardous or other waste generating units have submitted annual return:

(b) Of (a) above, how many have not submitted the annual return (~~after 15/07/2019~~) by 30th June for the preceding year:

(C) Of (b) above, in how many units action has been taken by SPCB?

23. Of (a) above, how many units have been verified and validated by SPCB w.r.t. annual inventory submitted by them viz. products produced/categories of waste generation/quantities generated/ daily record and manifest being maintained, etc.:

24. (a) For how many industrial sectors, hazardous waste or other waste generation range has been developed by SPCB:

(b) List the sector of (a) above for which hazardous waste or other waste generation range has been developed:

(c) If not, what is the time target by which such sector process based HW generation range would be initiated (Month & Year).

G. Enforcement actions (after 15/07/2019)

25. How many units were found violating one or other provisions of the HOWM Rules:

26. In how many units, documentation of non-compliance while processing renewal of authorisation or inspection has been done (after 15/07/2019) by SPCB to invoke powers of refusal or revocation:

26. Whether enforcement framework for effective enforcement of Rules based on principal of proportionality and precautionary principal has been developed by SPCB: (Yes/No)

27. In how many defaulting units, Rule 23(1) has been enforced by SPCB as per CPCB guidelines:

28. In how many defaulting units, Rule 23(2) has been enforced by SPCB as per CPCB guidelines:

29. (a) Of (25) above, how many units have been identified by SPCB as habitual and serious defaulters:

(b) Of (a) above, how many unit's authorisation have been refused or revoked:

(c) Of (a) above, how many unit has been prosecuted under the EPA:

(d) Of (a) above, FIR has been lodged against how many defaulting units:

30. Of (25) above,

(a) how many unit's authorisation (other than 29 above) have been refused or revoked:

(b) Of (a) above, how many unit (other than 29 above) has been prosecuted under the EPA:

(c) Of (a) above, FIR has been lodged against how many defaulting units (other than 29 above):

31. (a) Whether website of SPCB has been updated w.r.t. all enforcement actions along with details of industries and action taken pertaining to HOWM Rules: (Yes/No)

(b) Provide link address of the above site

H. Common TSDF

32. (a) Whether State/UT has common or captive TSDF? If yes;

i. Number of common SLF in the state

- Give name and addresses of all SLF as at a(i) above: (Insert Table for multiple entries)

ii. Number of common incinerator

- Give name and addresses of all SLF as at a(i) above: (Insert Table for multiple entries)

iii. Number of captive SLF

- Give name and addresses of all SLF as at a(i) above: (Insert Table for multiple entries)

iv. Number of captive incinerator

- Give name and addresses of all SLF as at a(i) above: (Insert Table for multiple entries)

If no;

(b) Name of the common TSDF, where any sharing arrangement has been made for disposal of landfillable HW.

(c) Name of the common TSDF, where any sharing arrangement has been made for disposal of incinerable HW.

(d) Whether SPCB/PCC has initiated any action for setting up of common TSDF? (yes/no) if yes,

(e) Whether site has been identified?

(f) EIA completed?

(g) EC granted?

33. (a) whether SPCB has directed common TSDF operator in their state not to return the HW consignment and do the needful as recommended by the Monitoring Committee: (Yes/No)

(b) Number of incidences returning of the HW consignment by the common TSDF (after 15/07/2019) noted by SPCB:

34. Whether SPCB has planned environmental audit including site selection criteria, design & layout for both captive and common SLF: (Yes/No)

If yes,

(a) what is target date of completion of such audit during 2019-20: **(insert calendar)**

(b) In case, SPCB has planned through engaging expert institute please give name and address of expert institute(s) engaged for (a) above (insert text box)

35. (a) Of (32)(a)(i) above, how many have opened escrow account as per O.M. No....dated...of MoEF&CC:

(b) List name of the common TSDF who have opened escrow account: (Insert Table for multiple entries)

(c) Of (a) above, how many have deposited mandatory amount in the escrow account:

(d) Whether SPCB has verified deposited amount as per above O.M. No. 23-12008-HSMD dated 16/04/2009 of MoEF&CC (Yes/No) (fetch data of 34 (b) and provide Yes/No drop down)

(d)Mandatory amount being deposited in the escrow account annually is displayed on the website of common TSDF operator: (Yes/No)

(e)What actions have been taken by SPCB in case of non-opening/non-deposition of mandatory escrow account/ displaying on website: (not more than 100 words)

36. (a) Whether laboratory facility for the analysis of all HW parameters as required under the HOWM Rules has been available in the common TSDFs as (32) above. If no,

(b) Timeline for the same (calendar)

I. Impact of other regulation

37. (a)Brief note on action taken to bring domestic hazardous waste into the ambit of HW inventory (2018-19): (upload option)

(b) How many domestic hazardous waste deposition centers exists in the State/UT

(c) How many of (b) above have been authorised under HOWM Rules, 2016

(d) Quantity of domestic HW received in deposition center for (15 July- 14 October)

- Disposal into TSDF
- Recycling/Utilisation

(e) Quantity of domestic HW received in deposition center for (15 July- 14 October)

- Disposal into TSDF
- Recycling/Utilisation

(e) Quantity of domestic HW disposed in TSDF (15 July- 14 October)

(f) Quantity of domestic HW disposed in TSDF (15 July- 14 October)

(g) Brief note on action taken to bring fluorescent & other mercury containing lamp into the ambit of HW inventory (2018-19): (upload option)

(h) Quantity of fluorescent & other mercury containing lamp disposed in TSDF (15 July- 14 October)

(i) Quantity of fluorescent & other mercury containing lamp disposed in TSDF (15 July- 14 October)

(j) Whether Common TSDF operator has declared the above received as at (e) and (ii) (domestic HW and fluorescent & other mercury containing lamp) in their annual inventory report (2018-19) separately (Yes/No)

J. Capacity Building

38. (a) Whether an action plan has been prepared to have atleast one laboratory where all HW parameters as required under the HOWM Rules can be analyzed: (Yes/No)

(b) Time (in terms of month month/year) by which (a) above would be commissioned in SPCB/PCC: (provide calendar)

(c) Whether Capacity building in terms of qualified and experienced manpower has been provided (yes/no)(upload option)

(d) Time (in terms of month month/year) by which (c) above would be provided: (provide calendar)

K. Action Plan for recycling/utilization(with upload option)

39 (a) Whether SPCB/PCC has evolved any approach in recycling and utilization of hazardous waste in terms of waste management hierarchy.(yes/no) (upload document)

If yes, (drop down option for the following type of such programme)

- Concept of waste exchange banks
- Know your waste programme
- Circular economy
- Documentation of success story

(b) Please upload the details of the approach adopted. If no,

(c) Action plan along with timeline for level playing of industry shall be provided. (upload option)

40 Whether any benchmarks/guidelines have been developed by SPCB/PCC for the possibilities of HW recycle/utilisation on case to case basis? (Yes/No) if yes, provide the details.(upload option)

41 Whether SPCB/PCC has developed any environmental benchmarking among the similar industries generating HW which can be useful to ensure consistency and uniformity for rationalizing the HW generation and reuse/utilization.(yes/no)

if yes, provide the details.(upload option)

If no,

Action plan along with timeline for level playing of industry shall be provided. (upload option)



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

SPEED POST

NGT MATTER

F.No. B-29016-NGT/C-08/2019/WM-II Div./6025
To



Date: September 05, 2019

The Member Secretary
M. P. Pollution Control Board
Paryavaran Parisar, Sector E-5,
Arera Colony, Bhopal – 462 016

Sub: Directions of the Hon'ble NGT with regard to non-compliance of Hazardous and Other Waste (Management, Handling and Transboundary Movement) Rules, 2016 and certain issues-reg.

Ref: (i) Orders of Hon'ble NGT dated 26.08.2019 in the matter of O.A no. 804/2017, Rajiv Narayan & Anr Vs. Union of India & Ors.

(ii) CPCB letter F.No. B-29016/C-08/19/WM-II Div./5636-5670 dated 22.08.2019.

Sir/Madam,

This has reference to the above referred orders dated 26.08.2019 of the Hon'ble NGT directing States/UTs, CPCB, SPCBs/PCCs, port authorities, DGFT, MoEF&CC, Ministry of Shipping, Ministry of Labour & Employment and Department of Labour of concerned States/UTs to take necessary steps for compliance of recommendations of the Monitoring Committee within the timeline specified. The Hon'ble Tribunal also decided that if there is any default, the Tribunal may consider requiring environmental compensation to be paid by the defaulting parties.

In this regard, CPCB has already forwarded summary of recommendations and action points of the final report of the Monitoring Committee vide letter dated 22.08.2019. There are 10 action points pertaining to SPCBs/PCCs in the aforesaid final report which are given below:

I. Directions w.r.t contaminated sites and related issues:

(Recommendation No. 1.1): CPCB/SPCBs/PCCs to ensure that the hazardous waste accumulated at all such identified sites shall be disposed of either through Treatment, Storage and Disposal Facilities (TSDFs) or onsite secured landfilling (SLF) on priority to stop further contamination (CPCB/ SPCBs/PCCs: 06 months).

(Recommendation No. 3.2): Assessment of about 195 probable contaminated sites and any new additional sites recommended by CPCB/SPCBs/PCCs shall be completed within period of 1 year after publication of such guidance document by CPCB. (CPCB/SPCBs/PCCs: 1 year)

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032

दूरभाष/Tel. : 43102030, फ़ैक्स/Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल/e-mail : cpqb@nic.in वेबसाइट/Website: www.cpcb.nic.in

Sub Eng (NB)
+ Lambdhan
18/09/2019

(Recommendation No. 5.1): MoEF&CC/CPCB/SPCBs/PCCs shall undertake action research and also promote academic courses on this subject in association with academic and research institutions. (MoEF&CC/CPCB/ SPCBs/PCCs: 06 months)

II. Directions w.r.t import and export of hazardous wastes and issues:

(Recommendation No. 15.1): Used/ Waste Oil generated from ships collected by the reception facilities of various ports shall be covered under Authorisation by SPCBs/PCCs for its designated disposal and facilitate tracking of waste under HOWM Rules, 2016. **(Port Authorities/ SPCBs/PCCs: Immediate)**

(Recommendation No. 18.1): Regular interaction between the Ministry of Environment, Forest and Climate Change, CPCB, SPCBs/PCCs, customs and ports authorities should take place with frequent consultative meetings and trainings in order to avoid working in silos. **(MoEF&CC, CPCB, SPCBs/PCCs, Customs and ports authorities: On a regular basis)**

III. Directions w.r.t waste reception facilities in ports to deal with wastes generated from ships (MARPOL):

(Recommendation No. 20.1): State Pollution Control Boards shall enforce provisions of HW Rules, 2016 for grant of authorisation and manifest submissions at such waste reception facilities as well as port operations. SPCBs shall ensure that the HW handled at such facilities and ports should be covered in the Annual report to be prepared as per HOWM Rules, 2016. **(SPCBs/PCCs and Port Authority: with immediate effect)**

IV. Directions w.r.t display of information outside the factory gate:

(Recommendation No. 26.1): Considering the orders of the Hon'ble Apex court and also the need of information sharing with the local community the committee recommends that the SPCBs need to ensure the compliance of the directions of the Hon'ble Apex court on regular basis rather than a onetime compliance.

(Recommendation No. 26.2): The verification of the updation of display board should be an integral part of any inspection carried out by CPCB/SPCBs/PCCs without exception. In case of noncompliance the concerned officer should be subjected to departmental actions. **(CPCB/SPCBs/PCCs: Immediate)**

V. Directions w.r.t institutional reforms:

(Recommendation No. 27.1): Capacity building in CPCB and SPCBs/PCCs and other agencies (viz., trained adequate manpower, laboratory, budget etc.) shall be expedited as recommended in the orders of Hon'ble NGT dated 12.04.2019.

(Recommendation No. 27.2): CPCB/SPCBs/PCCs shall proactively engage in research and development activities by supporting research in clean technology and cleaner production and also, awareness program for the purpose. **(CPCB and SPCBs/PCCs: Immediate)**

In addition to above directions, the Hon'ble Tribunal has also directed the following:

I. W.r.t Spent Solvent Recovery units:

To comply with recommendations given by CPCB with regard to spent solvent recovery units as outlined in para 13 of section IV of the aforesaid order.

II. W.r.t compliance of action points recommended by Monitoring Committee in its Interim Report:

To comply with recommendations given by CPCB which have been given in para 16 of section IV of the aforesaid order. In addition to the above, recommendations pertaining to your SPCB/PCC is enclosed as **Annexure-I**.

Further, Hon'ble NGT in para 20 of section VI of the aforesaid order has given various directions which are needed to implemented in time bound manner. These directions are with regard to Inventory, Contaminated sites, compliance of action points given by Monitoring Committee in its Interim Report & Final report submitted to the Hon'ble Tribunal and setting up of TSDF in State/UT. With regard to setting-up of TSDF, the Hon'ble Tribunal has also directed the following:

"...All the States which have not set up TSDF may do so and the States which fail to set up the same up to 31.03.2020, will be liable to pay environmental compensation of Rs. 10 lakh per month. However, with regard to States which may be categorized as small States, having regard to the quantum and nature of generation of hazardous waste, the liability to pay compensation will start from 01.01.2021.

...."

Copy of the aforesaid order dated 26.08.2019 is also enclosed for taking necessary actions within the stipulated time. It is also requested to provide compliance status report of the aforesaid order to CPCB by 31.10.2019.

Yours faithfully



(Abhey Singh Soni)

Additional Director & Divisional Head
Waste Management-II

Encl: As Above

Annexure-I

CPCB recommendations related to compliance of recommendation of Monitoring Committee in its interim report for Madhya Pradesh Pollution Control Board

1. Board may ensure:
 - a) Development of elaborate protocol for enhanced level of environmental monitoring.
 - b) Verify and ensure closing of manifest and reconciliation of the same.
 - c) Ensure all units are submitting annual return and verification of same.
 - d) Authorization of domestic hazardous waste collection centers as per provisions of HOWM Rules, 2016.
2. Board may take action against units which are:
 - a) Not submitting the annual return within the timeline as prescribed under HOWM Rules, 2016.
 - b) Violating one or other provisions of HOWM Rules, 2016.
3. Board may conduct environmental audit of common and captive TSDF facilities in state.
4. Initiate actions for setting up Domestic Hazardous waste collection centers in state and management of the same as per the HOWM Rules, 2016.
5. To ensure that the timeline given w.r.t to the following shall be strictly according to recommendations of monitoring committee and same are adhered to:
 - a) Formation of sectoral range of Hazardous waste generation.
 - b) Setting up of laboratory facility for analysis of all HW parameters as per HOWM Rules, 2016.
 - c) Develop environmental benchmarking among the similar industries generating HW can be useful to ensure consistency and uniformity.
 - d) Develop approach in recycle and utilisation of HW in terms waste management hierarchy mandated in the rules across all the States in order to ensure the level playing field for the industry.

मध्यप्रदेश शासन
पर्यावरण विभाग
मंत्रालय

//आदेश//

भोपाल, दिनांक 10/07/2019

क्रमांक एफ 12-16/2019/32-3- माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली में प्रचलित प्रकरण ओ.ए. क्रमांक 804/2017 (श्री राजीव नारायण विरुद्ध भारत संघ व अन्य) एवं एम.ए. क्रमांक 1302/2018 में माननीय अधिकरण द्वारा पारित आदेश दिनांक 30/07/2018 में केन्द्रीय प्रदूषण नियंत्रण बोर्ड को परिसंकटमय व अन्य अपशिष्ट (प्रबंधन एवं सीमापार संचलन) नियम-2016 के अनुपालन सुनिश्चित करने हेतु मॉनिटरिंग कमेटी का गठन किया गया। मॉनिटरिंग कमेटी द्वारा अंतरिम रिपोर्ट जनवरी-2019 माननीय अधिकरण में प्रस्तुत की गई तथा अधिकरण द्वारा पारित आदेश दिनांक 12/04/2019 (प्रति संलग्न) के पैरा-4 एवं पैरा-5 निम्नानुसार हैं:

"4. The Monitoring Committee furnished its interim report in compliance of orders of this Tribunal after reviewing the various aspects of enforcement of the Rules proposing actions as follows:"

"5. Having regard to the sensitiveness of the issue* and impact of non-compliance on environment and public health, the above recommendations need to be fully implemented and monitored by the Chief Secretaries at State Level and by the MoEF&CC and CPCB at national level." आदेश दिनांक 12/04/2019 में उल्लेखित अंतिम रिपोर्ट की अनुशंसा अनुसार प्रदेश के कन्टामिनेटेड साइट्स के रिमेडियेशन कार्य के पर्यवेक्षण हेतु निम्नानुसार टेक्नीकल रिव्यू कमेटी का गठन किया जाता है:

1. अध्यक्ष, मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड, -अध्यक्ष
 2. क्षेत्रीय संचालक, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल -सदस्य
 3. डायरेक्टर, आई.आई.टी., इन्दौर अथवा उनके प्रतिनिधि -सदस्य
 4. डायरेक्टर, NEERI, नागपुर अथवा उनके प्रतिनिधि -सदस्य
 5. सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल -सदस्य संयोजक
- समिति द्वारा बैठक में आवश्यकता के अनुसार विशेषज्ञ/अन्य अधिकारियों को भी आमंत्रित किया जा सकेगा।

संलग्न :उपरोक्तानुसार।

10/7/19
(पंकज अग्रवाल)
प्रमुख सचिव
मध्यप्रदेश शासन
पर्यावरण विभाग

US/MS

13/7

SB (MSM)

Me Nikita
15/7/19

15/7/19

क्रमांक एफ12-16/2019/32-3
प्रतिलिपि :

भोपाल, दिनांक 10/07/2019

1. प्रमुख सचिव, मुख्य सचिव कार्यालय, मध्य प्रदेश शासन, मंत्रालय भोपाल ।
 2. प्रमुख सचिव, मध्य प्रदेश शासन, पर्यावरण विभाग, मंत्रालय भोपाल ।
 - ✓ 3. अध्यक्ष, मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड, भोपाल ।
 4. प्रमुख सचिव, म0प्र0 शासन उद्योग विभाग, मंत्रालय भोपाल ।
 5. प्रमुख सचिव, म0प्र0 शासन वित्त विभाग, मंत्रालय, भोपाल ।
 6. संचालक, भारतीय प्रौद्योगिकी संस्थान, सिमरौली/इन्दौर मध्य प्रदेश की ओर सहमति सूचनार्थ ।
 7. संचालक, राष्ट्रीय पर्यावरण अभियांत्रिकीय शोध संस्थान NEERI की ओर सहमति सूचनार्थ ।
 8. सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल ।
 9. क्षेत्रीय संचालक, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, भोपाल ।
 10. विधि अधिकारी, मध्य प्रदेश प्रदूषण नियंत्रण बोर्ड, भोपाल ।
- की ओर सूचनार्थ व आवश्यक कार्यवाही हेतु।

10/7/19
प्रमुख सचिव
मध्य प्रदेश शासन
पर्यावरण विभाग



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

**NGT MATTER
PRIORITY**

SPEED POST

F. No. B-29016/C-08/19/WM-II Div./ 17677

MS

March 08, 2019

To,

The Principal Secretary
Department of Housing and Environment,
Govt. of Madhya Pradesh, Paryavaran Parisar,
E- 5, Arera Colony, Bhopal,
Madhya Pradesh- 462 016.

Sub: Follow-up action in the matter of Original Application Number 804/2017 and M.A. No. 1302/2018 (i.e W.P. (C) No. 657/1995)-regarding.

This has reference to the (i) orders dated 30/07/2018 of the Hon'ble National Green Tribunal, Principal Bench, New Delhi, in the matter of OA No 804/2017: Rajiv Narayan & Anr. Vs Union of India & Ors, and (ii) orders dated 05/12/2018 in the matter of M.A. No. 1302/2018 in Interlocutory Application No. 63 in W.P. (C) No. 657/1995: The Research Foundation for Science, Technology and Natural Resource Policy Applicant(s) Versus Union of India & Ors, and constitution of the Monitoring Committee. Copies of these orders are available on CPCB website i.e <http://cpcb.nic.in/ngt-mc-hw/>

The Monitoring Committee has submitted its Interim Report on Management of Hazardous Waste which has been filed in the Hon'ble Tribunal by CPCB in Feb, 2019. The said report contains 209 pages and is available at CPCB website <http://cpcb.nic.in/ngt-mc-hw/>. The summary of observations and recommendations, as Chapter-7 of the said report, is enclosed herewith for ready reference.

The report recommends urgent/immediate actions especially at items 10(3) and other important actions require to be taken by Department of Environment and Forest.

It is requested to kindly initiate action on the aforesaid urgent/immediate and other important action points as outlined above. Point- wise action taken report on the above listed urgent/immediate action points be submitted to this office or before 31/03/2019. The matter is listed on or before 04/04/2019 in the Hon'ble National Green Tribunal.

Yours faithfully,

(Bharat K Sharma)
Nodal Officer & Member Convener
of the Monitoring Committee

Encl.: As above

7. SUMMARY OF OBSERVATIONS AND RECOMMENDATIONS

The committee has reviewed various aspects of enforcement of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, for its effective compliance and enforcement. Though, this report is primarily an interim report, the committee thought it necessary to summarise its observations on the issues dealt so far and also, suggest necessary corrective actions for the consideration of the Hon'ble Tribunal to issue suitable directions, if necessary.

Sr No.	Observations	Proposed Actions (Responsible Agency and timeline of action)
1.	<p>Hazardous waste identification: - Uniformity in assessment, By-products and solvents (Details in Chapter 4 – Section 4.1.1)</p> <p>a. The Rules define by-products very categorically linking it to its intended use. Presently, there is no verification or appraisal of such continuous intended use before classifying certain waste as a by-product. There is a need for SOP/guidelines for identification of by-products based on the manufacturing process as well as intended use.</p> <p>b. Applicability of various clauses of the HW Rules to the 'other waste' also needs to be defined clearly in the Rules itself.</p> <p>c. Presently, there is hardly any scientific examination or scrutiny for identification and quantification of HW prior to grant of authorisation.</p> <p>d. The HW Rules basically focuses on a close loop approach for the HW Management which is reflected in the adoption of manifest system in order to ensure that the HW movement is continuously tracked till its final disposal (Cradle to Grave approach).</p> <p>e. However, in case of spent solvent sent for solvent recovery, such</p>	<p>1. There is a need to urgently prepare a guidelines or protocol on how to decide the by-product on specific criteria. This can be done based on chemical process involved in order to bring consistency in approach. (<i>MoEF&CC and CPCB: 06 months</i>)</p> <p>2. Other waste is presently missing from all the regulatory actions, including inventory. It is necessary to bring such waste in regulatory domain, as envisaged in the rules. (<i>SPCBs/PCCs: inventory of 2018-19 onwards</i>)</p> <p>3. SPCBs/PCCs need to take steps to ensure closing of the manifests received and reconcile the HW handling data. This work is humungous and need support in terms of software and online submissions. (<i>SPCBs/PCCs</i>)</p> <p>4. Pan India IT based solution is suggested for tracking HW. Such integrated data handling and management solution is under implementation by CPCB which the committee would like to review in next phase.</p> <p>5. The pre-processing and recycling/utilisation facilities need to be treated as critical environmental infrastructure facilities for sound environmental management of hazardous waste so as to ensure</p>

	<p>manifest system seems to be ending at the door step of the spent solvent recycler. It would be advisable to continue this manifest system right upto the actual user of such recovered solvent from solvent recovery plant to ensure appropriate regulation of spent solvent plant performance and appropriate accounting and use of recovered solvent.</p> <p>The similar approach is also required to be adopted in all cases of recycling/recovery/ utilisation such as used oil, waste oil, lead scrap, spent acid, spent catalyst, etc.</p>	<p>enhanced level and frequency of enforcement and environmental monitoring. Elaborate protocols are needed to be developed.</p> <p><u>(SPCBs/PCCs: continuous activity).</u></p> <p>6. According to Rules, the identification and quantification of the hazardous waste generation is to be done at the authorisation stage itself and therefore, it is necessary that SPCBs shall adopt the scientific principles as enumerated for such identification and quantification of HW.</p> <p><u>(SPCB/PCCs: Immediate)</u></p>
2.	<p>Grant of Authorisation by SPCBs/PCCs (Details in Chapter 4 - Section 4.1.2)</p> <p>a. The Rules stipulates requirement of enclosing field inspection report while granting authorisation</p> <p>b. The committee observed that only in few cases the SPCBs are enclosing the said field inspection report alongwith authorisation granted.</p> <p>c. Further, such filed inspection report lacks details w.r.t to adequacy of the facilities on storage, transportation, treatment, recycling/utilisation, disposal, etc.</p>	<p>1. Uniform format for visits and inspections of HW handling facilities is necessary to ensure comprehensive inspections as per the provisions of the Rules. A format is proposed by the Committee which is given at Annexure XVI.</p> <p>2. The authorisation document should clearly stipulate respective mode of management (such as common or captive incineration/secured landfilling or pre-processing or recycling or utilization or export or captive storage, as applicable) for each category of HW being generated.</p> <p><u>(SPCB/PCCs: immediate)</u></p>
3.	<p>Inventory (Details in Chapter 4 - Section 4.2)</p> <p>a. Inventories are based on reporting by the generators/occupiers through annual report as well as authorisation.</p> <p>b. The inventory data do not cover all the industries who have been granted authorisation. It also does not cover the hazardous waste from domestic sources, interstate movement, import/export of hazardous waste, and other waste.</p>	<p>1. Standard guidelines and protocol based on scientific fundamentals for preparation of inventory should be prepared by CPCB and strictly followed by the SPCBs/PCCs to ensure reliable and credible inventory.</p> <p><u>(SPCBs/PCCs and CPCB/: inventory of 2018-19 onwards)</u></p> <p>2. SPCBs/PCCs shall verify and scientifically validate the HW data and facilities before grant or renewal of authorisation.</p> <p><u>(SPCBs/PCCs: inventory of 2018-19 onwards)</u></p>

	<p>c. The inventories are not verified and validated based on the scientific principles by the State Pollution Control Boards/Pollution Control Committees (SPCBs/PCCs).</p> <p>d. There is a substantial variation in the quantity declared in the authorisation and actual quantity of hazardous waste generation declared in the annual report.</p> <p>e. Quantities reported in the captive utilisation of hazardous waste appear to be on higher side and are not verified.</p> <p>f. There are no standard protocol/guidelines for preparation of HW inventory based on sound scientific principles and approach which is a basic necessity to ensure uniform and consistent preparation of HW inventory by different SPCBs/PCCs.</p>	<p>3. There is an emergent need to develop sectoral process based reasonable HW generation range to have uniformity in assessing the HW generation from industries and benchmarking the same with its peers, rather than solely depending on industry data. <i>(SPCBs/PCCs: continuous activity)</i></p> <p>4. All occupiers who have authorisations shall submit the Annual report and in case of non-compliance, action needs to be taken by SPCB/PCC. <i>(SPCBs/PCCs: inventory of 2018-19 onwards)</i></p> <p>5. The timelines for inventory preparation as envisaged in Rules be strictly complied with by SPCBs/PCCs. Preparation of country's inventory by CPCB is dependent on such timely submission by SPCBs/PCCS. <i>(SPCBs/PCCs and CPCB)</i></p>
4.	<p>Enforcement actions. (Details in Chapter 5)</p> <p>a. Though there have been several incidents on record of non-compliance of HW Regulations resulting in discharge of HW in environment, the powers vested with the CPCB/SPCBs/PCCs for recovering environmental damages under Rules 23(1) has not been invoked.</p> <p>b. Only three States namely Maharashtra, Telangana and Madhya Pradesh have reported prosecution actions under Section 15 of EP Act, 1986.</p> <p>c. There are hardly few cases where the SPCBs/PCCs have invoked provisions related to revocation and/or refusal of authorisation in view of the observed non-compliances.</p> <p>d. Inspection report, mostly is not attached along with the authorisation granted. Wherever inspection reports have been attached such reports lack in required information for appraisal.</p>	<p>1. SPCBs/PCCs shall invoke the powers conferred under clause 23 (1) and (2) of the Rules, related to all damages caused to the environment or third party due to improper handling and management of the hazardous and other wastes, and non-compliance respectively. CPCB has already issued guidelines for Liability assessment, for invoking clause 23(1) and (2) of HW Rules. CPCB shall also take consequential actions under clause 23 (1) as per the said guidelines wherever directions under section 5 of the E(P) Act have been issued by CPCB, noticing environmental damages. <i>(SPCBs/PCCs and CPCB: Immediate).</i></p> <p>2. The habitual and serious defaulters shall be prosecuted under provisions of the Environment (Protection) Act, 1986. Other alternative regulatory actions including refusal and revocation of Authorisation can also be explored following the due process. <i>(SPCBs/PCCs: Immediate)</i></p> <p>3. Non-compliance to be documented while processing authorisation for renewal or inspections in order to invoke powers of refusal or revocation of Authorisation as per Rules.</p>

		<p><u>(SPCBs/PCCs: Immediate)</u></p> <p>4. Urgent updation of concerned websites of SPCBs/PCCs/CPCB with respect to all enforcement actions along with details of industries and action taken.</p> <p><u>(SPCBs/PCCs/ CPCB: Immediate)</u></p> <p>5. There is need to have an enforcement framework for effective enforcement of Rules based on principle of proportionality and also, precautionary principle. Such framework will remove ambiguity in regulatory actions and bring transparency, predictability and consistency in enforcement for actions.</p> <p><u>(SPCBs/PCCs/CPCB: within 06 months)</u></p>
5.	<p>Hazardous waste utilisation and recycle. Issues and need of improvements (Details in Chapter 4 – Section 4.3)</p> <p>a. The inventory data shows skewed variation in utilisation of HW pattern among different States. For example in Gujarat about 36 % of the HW generated is either recycled or utilised, whereas in Maharashtra 0.98 % HW generated is recycled and utilised.</p> <p>b. Maharashtra is not authorising and promoting the co-processing which is one of the major option of utilisation of HW, although the HW Rules provided hierarchy of waste management promoting recycle and utilisation of the HW. There is a need to have a consistent and scientific approach to promote the HW recycle and reuse in consonance of the objective of the HW Rules expressed in terms of hierarchy, throughout the country.</p> <p>c. There are certain environmental risks associated with the recycle and utilisation of the HW in case of non-compliance. It is therefore necessary that such recycle and utilisation of HW is strictly regulated in terms of the performance of such recycle and utilisation.</p>	<p>1. The inventory data needs to be verified and validated before accepting the same. The states shall adopt the proposed guidelines immediately while preparation of HW inventory.</p> <p><u>(SPCBs/PCCs: Immediate)</u></p> <p>2. There is emergent need of consistent approach in recycle and utilisation of HW in terms waste management hierarchy mandated in the rules across all the States in order to ensure the level playing field for the industry. This can be achieved by advocacy programme such as concept of waste exchange banks, know your waste programme, circular economy, documentation of the success stories along with regulatory interventions wherever required.</p> <p><u>(SPCBs/PCCs)</u></p> <p>3. It is also necessary to develop certain benchmarks/guidelines for the possibilities of HW recycle/utilisation on case to case basis. For example, for co-processing at Cement plants the Thermal Substitution Ratio (TSR) can be an objective criterion to decide the potential to use HW for utilisation purpose. The range of TSR at different cement plants can be collated to develop a database for sound co-processing practices.</p> <p><u>(SPCBs/PCCs)</u></p> <p>4. The concept of environmental benchmarking among the similar industries generating HW can be useful</p>

	<p>d. There is need to immediately prepare guidelines for high volume low impact waste like slags from pyrometallurgical operations, fly ash, red mud, Jarosite, mine tailings and ore beneficiation rejects.</p> <p>e. More clarity is required on the application of Rule 9 particularly in case of captive utilisation. Presently, it is very difficult for SPCB/PCC field staff to investigate and analyse such claims of industry. Therefore, presently, the data given by industry is relied upon in totality.</p> <p>f. The pre-processing facilities collect the HW from different industries and carry out the homogenization/blending activities to achieve the required calorific value and other desired specification for co-processing. As this industry sector indulge in handling the wide range of wastes from different industries, it would be prudent to have improved enforcement regime in terms of number of inspections, detailing of inspection, environmental monitoring and reporting of waste receive/disposed etc. on the lines of common facilities.</p>	<p>to ensure consistency and uniformity. The emerging trend of circular economy would be a key intervention for rationalising the HW generation and reuse/utilisation <u>(SPCBs/PCCs: continuous activity)</u></p>
<p>6.</p>	<p>Common Treatment, Storage and Disposal facilities: reporting. (Details in Chapter 4 – Section 4.5)</p> <p>a. The Committee has observed that in some cases the TSDF rejects the consignment received from the waste generator for non-compliance of acceptance criteria. This consignment is returned back to the waste generator.</p> <p>b. The site selection criteria, design and layout are the critical parameters for establishment of the TSDF. In addition, waste storage, stabilisation, landfilling, incineration and leachate management are critical operations. The committee has observed non-</p>	<p>1. The practice of returning the HW consignment needs to be immediately stopped and the consignment needs to be stored within the TSDF with information to the waste generator and also the concerned SPCB. The TSDF shall take appropriate measures to dispose this waste at the risk and cost of the waste generator under due information to the SPCB immediately on priority. Though the present guidelines prescribed that the waste shall be sent back to the waste generators, this practice needs to be immediately discontinued in view of non-accounting of the waste once it is out of manifest protocol and the associated environmental risks. <u>(SPCBs/PCCs/TSDFs: immediate)</u></p>

	<p>compliance of these guidelines For example TSDF at Balotra, Roorkee, Kanpur, etc.</p> <p>c. Of 18 SPCBs/PCCs having common secured landfills, 06 SPCBs have still not opened Escrow Account provision for post-closure monitoring of common SLF.</p> <p>d. Compliance of the Hon'ble NGT orders dated 30/07/2018 with regard to setting of TSDFs and taking imitating actions against erring units- Only Goa and Odisha have submitted action plan with timeframe for setting of Common SLF + Incinerator and Common Incinerator respectively. Only Odisha has taken action against erring units.</p>	<p>2. SPCBs/PCCs shall conduct environmental audit including the site selection criteria, design and layout for the TSDFs in next one year. They can engage expert institutes for the purpose and seek CPCB's technical advice on the ToR of the study, if required. <u>(SPCBs/PCCs: 01 year)</u></p> <p>3. All the Common SLF shall disclose the mandatory amount deposited in Escrow Account annually to SPCB/PCC, CPCB and display on their website. SPCB/PCC to take action in case of non-compliance. <u>(SPCBs/PCCs: immediate)</u></p> <p>4. It is necessary that the Hon'ble NGT orders dated 30/07/2018 with regard to setting up of TSDF and taking imitate actions against erring units be strictly complied with by the concerned State/UT Government and SPCBs/PCCs. <u>(State/UT Governments and SPCBs/PCCs: immediate)</u></p>
7.	<p>Contaminated sites: Status, identification, need of urgent action, investment, capacity building, guidelines. (Details in Chapter 4 – Section 4.7)</p> <p>The Committee has initiated work on monitoring of direction of the Hon'ble Supreme Court with regard to contaminated site WP 657/1995 and has discussed the matter with SPCBs/PCCs/CPCB and the petitioner Shri Sanjay Parikh, Adv. The Committee recognised the monitoring of this aspect has a large scope and the committee intends to focus on this specific issue in coming days. In the mean-time committee has made following preliminary observations and record the need of immediate interventions.</p> <p>a. MoEF&CC/CPCB have identified total 329 potentially hazardous</p>	<p>1. It is necessary that such contaminated site database is developed after due verification by SPCBs/PCCs and validation by CPCB or some expert third party, so as to ensure the reliability of such data base. The entire process of screening, verification and validation needs to be as per standard protocol and the data needs to be owned by both SPCB/PCC and CPCB, not leaving the things at state level alone. <u>(SPCBs/PCCs/CPCB: continuous activity)</u></p> <p>2. CPCB should update national priority list of such confirmed contaminated sites. <u>(CPCB: continuous activity)</u></p> <p>3. Concerned SPCBs/PCCs shall identify the responsible person/industry, for each of these contaminated sites for suitable application for polluter pays principle for the remediation programme in line with the CPCB guidelines 'Implementing Liabilities for Environmental Damages & Disposal of Hazardous Waste and Penalty'.</p>

	<p>waste contaminated sites and subjected them for screening based on verification by the SPCBs. After the verification by SPCBs, the total 144 sites have been identified as contaminated sites and 57 sites are still under evaluation. The Committee is of the opinion that the identification of the contaminated sites is an elaborate process involving objective criteria and standard protocols. It is expected that SPCBs and CPCB shall follow such objective criteria and standard protocol to identify the contaminated sites and also to assess their scope and extent of contamination.</p> <p>b. Out of 144 identified contaminated sites, CPCB has prioritised 8 sites for which DPR for assessment and remediation has been prepared. However, there is an urgent need to execute this remediation plan on top priority. The Committee has been informed that the required financial resources for such remediation have not been mobilised so far.</p> <p>c. There is a change in number of such identified sites over the period which could be due to listing/ delisting of probable contaminated sites as a result of increased enforcement and monitoring activities, and variations in criteria.</p>	<p><u>(SPCBs/PCCs: Immediate and continuous activity)</u></p> <p>4. Both SPCBs and CPCB shall continue the process of identification of probable contaminated sites and subject them to identification criteria and decide their status as well as scope and extent of such contamination. This process is a dynamic and need to be a regular feature of enforcement.</p> <p><u>(SPCBs/PCCs and CPCB: continuous activity)</u></p> <p>5. In case of the contaminated sites where the polluter is not identified, the State/UT Government would be required to finance remediation of such sites to safeguard the people living in contaminated areas from adverse health effects, in terms of their constitutional responsibility to protect and improve the environment.</p> <p><u>(States/UTs Government and SPCBs/PCCs)</u></p> <p>6. SPCBs/PCCs need to initiate immediate intervention measures for containing immediate threats from existing contaminated sites (in both active and inactive sites) and also further ingress of HW.</p> <p><u>(SPCBs/PCCs: immediate)</u></p>
8.	<p>Impact of other regulations (Details in Chapter 4 – Section 4.2)</p> <p>The committee notes that HW resulting from enforcement of other regulations like E-waste, SW rules etc are presently not accounted in the HW management plans under HW rules. Committee finds a need to consider impact of other regulations while planning HW management including preparation of inventory and assessing the impacts.</p>	<p>SPCBs/PCCs and CPCB need to take cognizance of these aspects while enforcing the relevant rules and also, preparation of HW inventory and other interventions.</p> <p><u>(SPCBs/PCCs and CPCB)</u></p>

	<p>a. As per E-waste regulation, in case of fluorescent and other mercury containing lamp where recyclers are not available, such waste is channelized to common TSDF for disposal after pre-treatment/immobilization of mercury. Such waste should also be accounted into HW inventorisatation.</p> <p>b. In case of solid waste rules, there is a separate category of domestic HW which is expected to be disposed in the Common Hazardous facility, however, there is no data or information available on the quantity and quality of such domestic HW available so far.</p>	
9.	<p>Import and export. (Details in Chapter 4 – Section 4.6)</p> <p>a. Harmonization of Basel codes with ITC (HS codes): The Ministry (MOEF) provides permission on the basis of Basel codes while DGFT uses HS codes. There is a need to synchronize the two codes to avoid confusion.</p> <p>b. Risk management assessment: The customs authorities use the risk management system (RMS) to enable low risk consignments to be cleared based on the acceptance of the importer's self-assessment and without examination. Roughly 30 percent of containers covered under risk management out of which 10 percent are physically verified. There are different types of waste streams which have not been integrated in the RMS. There is a need to review the import/export data of various waste streams and include them in RMS. Further, waste streams in Schedule III – Parts A, B and D and Schedule VI that are often mis-declared by importers need to be identified and added to the RMS.</p> <p>c. Collaboration between regulating authorities: Regular interaction between the Ministry of</p>	<p>Committee would deliberate on this issue further for making detailed recommendations. Still however, following recommendations on co-ordination and data management are made;</p> <ol style="list-style-type: none"> 1. There is need to synchronise Basel code and HS codes to cover all scheduled items as per HW rules in customs verification and control more effectively. <u>(MoEF&CC, Custom and Port Authorities)</u> 2. CAG has come out with details of illegal HW import and its storage in ports and ICDs. This needs to be verified on priority and action be taken for disposal of the same in terms of earlier orders of Hon'ble Supreme Court. <u>(Custom and Port Authorities)</u> 3. Improve traceability of importers: The Customs authorities could make the registration process of importers more stringent as there have been cases where importers have never been able to be traced when their illegal imports were intercepted <u>(MoEF&CC, DGFT, Custom and Port authorities)</u>

	Environment, Forest and Climate Change, CPCB, SPCBs/PCCs, customs : and ports authorities should take place with frequent consultative meetings and trainings in order to avoid working in silos.	
10.	<p>Capacity building in CPCB and SPCBs/PCCs and other agencies (trained adequate manpower, laboratory, budget) (Details in Chapter 4 – Section 4.7 and 4.8)</p>	<p>1. Each of the SPCBs/PCCs/Custom/TSDF, as listed in report, need to have at least one laboratory where all HW parameters as required under the Rules can be analysed. <u>(SPCBs/PCCs/Custom/TSDF: 06 months)</u></p> <p>2. Capacity building in SPCBs/PCCs for rapid preliminary assessment of contaminated sites, which may include practical training on use of tools for soil and groundwater screening such as hand-held XRF instruments, Colorimeter, PID for VOCs/ SVOCs, hand operated augers, groundwater pumps, level meters, etc. <u>(CPCB: 06 months)</u></p> <p>3. SPCBs/PCCs and CPCB needs capacity building in terms of qualified and experienced manpower and also, tools and techniques for effective governance. Committee is informed about steps being taken by SPCBs and would review the same in detail. <u>(MoEF&CC, State/UT Government, CPCB and SPCBs / PCCs: Immediate)</u></p>
11.	<p>Duties performed by State/UT Govt. as stipulated under the HOWM Rules, 2016</p> <p>(Details in Chapter 5)</p> <p>The State Govts. have been entrusted with duties of authorising Dept. of Industry/other Govt. agency and Dept. of Labour/other Govt. agency with regard to allocation/earmarking of industrial space, recognition/ registration/ health & safety/etc. of workers involved in recycling/ pre-processing/ other utilization activities of HW and submission of integrated</p>	<p>1. There is need to sensitize State/UT Govts. about duties required to be performed by the concerned department/agency as stipulated under Rule 5(1), 5(2), 5(3) and Schedule VII of the HOWM Rules, 2016. Hon'ble NGT may issue appropriate directions in this regard. <u>(All State/UT Govts.: Immediate)</u></p>

<p>plan under Rule 5(1), (2) and (3) respectively:</p> <p>The State Govt. has also been entrusted with duties of identification and notification of sites for common TSDF and publishing periodically inventory of disposal sites as stipulated under Schedule VII of the HOWM Rules, 2016.</p> <p>It has been observed that actions have not been taken on the above (except identification and notification for common TSDFs in few States) by the State/UT Govt. and there is lack of awareness among them in this regard.</p>	<p>10. Capacity building in CBOP, SPCL/PCs and other agencies (existing, proposed, laboratory, management, Chapter 4 - Section 4.7 and 4.8)</p>
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S.No	Particulars	Status / details
1.	Name of Industry	
2.	complete postal address of the industry	
3.	Website	
4.	Tel and Fax Number	Telephone No.1: Telephone No.2: Fax:
5.	longitude and latitude	
6.	E-mail	
7.	Date of Visit	
8.	Contact Person Name, Designation and Contact No	Name Designation Contact No.
9.	Name and Designation of	Sr. No Name of Person Designation

S.No	Particulars	Status / details																									
	the Officials visiting the Unit	<table border="1"> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> </table>	1			2			3			4															
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10	Process description in brief for each Product. Also attach Process Flow Diagram indicating raw materials and sources of hazardous waste generation along with mass balance.																										
11	Year of commissioning	<table border="1"> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> </table>	D	D	M	M	Y	Y	Y	Y																	
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22	Environmental Monitoring	Please comment on results of ground water sampling; soil sampling; stack emission monitoring conducted by SPCB/PCC or EPA notified lab in presence of SPCB/PCC officials														
23	Details of HW contaminated sites, if any, within and outside the industry premise															
24	Remarks	Please write down non-compliances, significant observations and recommendations														

Place :

Signature

Date:
official)

(Name and designation of inspecting

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Table 3B: Details of HW sent to authorized actual user and TSDF listed in Table 3A since previous financial year till date of inspection

S. No.	Name of HW & Category (as per column 2 of the Table 2)	Quantity recycled/ Utilized/ Disposed in captive facility (in Tonne)			HW sent for Recycling/ Utilization/ Pre-processing/ Co-Processing/ Incineration/ Secured Landfilling in Tonnes and to whom							Total HW recycled/Utilized in captive facility and sent to other authorized facility (Sum of column 24 to 33)	Quantity of hazardous waste store within the premises (as per column 15 of the Table 2)
		Incinerated	Secured Landfilled	Recycled/ Utilized	Recycling	Utilization	Pre-processing	Co-Processing	Incineration	Secured Landfilling	Sent to whom (please specify Sl. No. of Table 3A)		
(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)
1.													
2.													

*Comments on difference between (Column 15 of Table 2/Column 35- Column 34)