

CO-ORDINATION WITH POLLUTION CONTROL BOARDS AND COMMITTEES

3.1 CESS RELATED MATTERS

3.1.1 General

- Water cess under Water (Prevention and Control of Pollution) Cess Act, 1977 is collected by SPCBs and PCCs.
- Out of cess collected and credited to consolidated fund of India (CFI), 80% of cess is reimbursed to SPCBs to augment the resources of Boards. Cess reimbursements to SPCBs is also utilized to execute pollution abatement programmes.
- The major cess share collecting States are; Andhra Pradesh, Gujarat, Maharashtra, Rajasthan, Karnataka, Tamil Nadu, Chhatisgarh, Uttar Pradesh, Punjab, Jharkhand, West Bengal, Haryana, etc. Cess collections are comparatively negligible or minimum in States where industries are less in numbers such as; North-Eastern States, Himachal Pradesh, Uttaranchal, Kerala, Orissa, etc.

3.1.2 Cess Rates

- The rates specified for cess collections are;

	Purpose for which water is consumed	Maximum rate under sub-section (2) of section 3	Maximum rate under sub-section (2A) of Section 3
1	Industrial cooling, spraying in mine pits or boiler feed	Five paise per kilo litre	Ten paise per kilo litre
2	Domestic purpose	Two paise per kilo litre	Three paise per kilo litre
3	Processing whereby water gets polluted and the pollutants are (i) easily bio-degradable; or (ii) non-toxic; or (iii) both non-toxic and easily bio-degradable	Ten paise per kilo litre	Twenty paise per kilo litre
4	Processing whereby water gets polluted and the pollutants are;(i) not easily bio-degradable or (ii) toxic; or (iii) both toxic and not easily bio-degradable	Fifteen paise for kilo liter	Thirty paise per kilo litre

3.1.3 Cess Coverage

- Exemption to all industries consuming water less than ten kilo litres per day from the levy of cess- Provided that no such exemption shall be applicable

In case of industries generating 'hazardous waste' as defined in clause (i) of rule (3) of the Hazardous Wastes (Management and Handling) Rules, 1989.

- Number of industries and local bodies paying cess

States	No. of industries covered	No. of local bodies
Andhra Pradesh	1126	3
Orissa	122	6
Chhatisgarh	492	22
Gujarat	5266	12
Goa	63	4
Meghalaya	12	5
West Bengal	613	2
Assam	38	0
Tripura	0	0
Karnataka	999	7
Uttaranchal	48	0
Kerala	1200	6
Maharashtra	5364	83
Uttar Pradesh	769	0
Tamil Nadu	5239	8
Pondicherry	61	1
Haryana	1562	80
Madhya Pradesh	813	36
Jharkhand	252	0
Bihar	700	0

3.1.4 Cess Utilisation

State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs) are utilizing cess funds in execution of pollution abatement programmes. CPCB has suggested following areas for execution of programmes:

- Assessment of environmental quality (survey and monitoring)
- Strengthening of environmental monitoring facilities and database management (sampling, analysis, including laboratory equipment)
- Development of environmental standards (source specific and ambient/recipient system)

- Training programmes to SPCBs/PCCs
- Organising/sponsoring mass awareness programmes
- Setting-up of facilities for prevention of pollution from municipal waste disposal sites.
- Treatment and disposal and industrial sewage effluents.
- Inventorization of polluting sources.
- Prevention of pollution from hazardous waste disposal
- Prevention of pollution complying siting concept-Zoning Atlas/ Industrial Estate Planning/ Protection of ecologically sensitive areas etc.
- Reclamation/ rejuvenation of water resources including conservation strategies.
- Remediation of contaminated ground water sites.
- Prevention and control of direct discharge of sewage and trade effluent into the rivers and lakes.
- Promotion of rain water harvesting and water conservation activities.
- Any other project/ programme regarding prevention and control of water pollution.

3.0 CO-ORDINATION WITH
POLLUTION CONTROL BOARD AND COMMITTEES

3.1 CESS RELATED MATTERS



CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment & Forests)
Parivesh Bhawan, East Arjun Nagar,
DELHI-110 032

3.2.1. Central Pollution Control Board (CPCB) under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 has been mandated with the function to co-ordinate the activities of the State Boards and Plan nation-wide programme for prevention and control of water and air pollution.

3.2.2. Ministry of Environment and CPCB is providing financial assistance to SPCBs and PCCs on various programmes relating to abatement of pollution.

3.2.3. Co-ordination with SPCBs

- CPCB regularly interact with SPCBs/PCCs on various matters relating to pollution control programmes.
- Interaction are made through meetings and conferences, committees, through Zonal Offices of CPCB and routine correspondence.
- Interaction with SPCBs on the activities being performed by them and their strengthening from time-to-time through various means is planned.
- The programmes (major) which are being executed with SPCBs/PCCs include;
 - Water and Ambient air quality monitoring.
 - Setting-up of continuous air quality monitoring stations in 16 cities (CAQMS).
 - Preparation of zoning atlas for siting of industries;
 - Eco-city programme;
 - Hazardous waste management;
 - Management of municipal solid and plastics waste including setting up of Demo-Projects;
 - Linkages/networking for Environmental Data Bank;
 - Implementation of recommendations of Corporate Responsibility for Environmental Protection (CREP) in 17 categories of polluting industries.
 - Implementation of action plans for restoration of environmental quality in critically polluted areas; and
 - Providing views on proposals of SPCBs to MoEF for financial support.
- SPCBs/PCCs have been suggested with major programme areas for formulation of proposals for seeking financial support from MoEF under the scheme "Assistance for Abatement of Pollution". The suggested programmes areas are;
 - Assessment of Industrial Pollution-Inventory of industries
 - Pollution Control status report of the State/UT and linking with Environment status report of the State/UT.
 - Action Plan for Control of Pollution for State Capital, UT, other specific city/town of State's importance.
 - Assessment of Environmental quality (water/air/soil) in the State and preparation of Action Plan, specific monitoring of water bodies to include;

- a. Physico-chemical monitoring; and
 - b. Bio-monitoring of water bodies
- Assessment of ambient air quality (cities/towns in the State)-may be one time assistance for setting-up of State wide network.
 - Assessment of Hazardous waste generation (as per amended Rules of Hazardous Waste Management Rules, 2003).
 - Planning of industrial siting based on Zoning Atlas project in the state-implementation of siting strategy including setting-up of Administrative mechanism.
 - Assessment of Ground Water Quality and identifying hot spots in the State.
 - Noise pollution assessment in State Capitals, metro city and other towns and implementation of Noise Regulation Rules.
 - Implementation of rules relating to Bio-medical, Plastic and Municipal Solid Waste.
 - Systematising/strengthening of consent procedures including record maintenance.
- Specific emphasis has been laid on strengthening of North-Eastern SPCBs and PCCs in UTs. MoEF has provided financial support for strengthening of laboratories and recruiting scientific/technical staff.
- 3.2.4. Financial assistance provided by CPCB to SPCBs/PCCs during 2006-07 and 2007-08 on execution of state-specific project on prevention and control of pollution is given in Table-I and II respectively.
- 3.2.5. CPCB has also provided financial assistance to SPCBs and PCCs on execution of common identified schemes. Highlights of these schemes and their objection is given in Table-III. The details of funds provided under these schemes may be referred at Table-IV.

Table-I

Financial Assistance provided by CPCB to
State Pollution Control Boards and
Pollution Control Committees (2006-2007)

(Rs. in lakhs)

S. No	State Board/ Committees	Proposed Schemes	Total cost of Project	First installment released
1	Orissa	i) Awareness on environmental issues.	7.50	3.75
		ii) Upgradation and automation of Orissa Pollution Control Board (Library, Computerisation & Laboratory)	10.0	5.0
		iii) Preparation of perspective action plan for Orissa SPCB	8.0	4.0
		Total	25.50	12.75
2	Assam	i) Arsenic and fluoride in ground water in some districts of Assam	5.0	2.5
		ii) Monitoring of PM ₁₀ and PM _{2.5} in ambient air of Kamrup District	5.0	2.5
		Total	10.0	5.0
3.	Nagaland	i) Assessment of municipal waste management in Dimapur and preparation of Action Plan	4.80	2.40
		ii) An environmental appraisal on mining issues in Nagaland	5.70	2.85
		Total	10.50	5.25
4	Meghalaya	i) Bio-monitoring of important rivers in Meghalaya	5.00	2.50
		ii) Ambient air monitoring at export promotion industrial park, Byrihat, Ribhoi district	5.00	2.50
		iii) Industrial monitoring in the State of Meghalaya (updating of inventory)	17.70	8.85
		iv) Environmental mass awareness campaign (district wise)	15.70	7.85
		v) Computerisation and networking of SPCB	19.00	9.50
		Total	62.40	31.20

(Rs. in lakhs)

S. No	State Board/ Committees	Proposed Schemes	Total cost of Project	First installment for release
5	Madhya Pradesh	i) Bio-monitoring of river Narmada	27.148	11.46
		ii) Environmental training and workshops	20.0	10.0
		Total	47.148	21.46
6	Mizoram	i) Inventory of industries-stream-lining of consent and cess management	8.26	4.13
		ii) Water Quality assessment	11.79	5.895
		iii) Noise level assessment	5.75	2.875
		iv) Mass awareness programmes	5.70	2.85
		v) Management of urban waste	10.62	5.31
		vi) Air Quality assessment during Jhuming season	10.0	5.0
		vii) Environment surveillance activity	5.47	2.735
		Total	57.59	28.795
7	Tripura	i) Computerization of TSPCB	27.44	13.72
		ii) Inventorization and categorization of industries	12.50	6.25
		iii) Upgradation of laboratories	62.96	52.98
		iv) Annual Activities (2007-08)	40.0	20.0
		Total	142.90	92.95
8	Himachal Pradesh	i) Computerisation of Regional offices	5.302	4.77,180
		ii) Setting up of Common Bio-Medical Waste Treatment Facility	48.0	24.0
		Total	53.302	28.77180
9	Puducherry	i) Computerisation	7.33498	5.63749
		ii) Mass awareness programmes	5.0	2.50
		Total	12.33498	8.13749

(Rs. in lakhs)

S. No	State Board/ Committees	Proposed Schemes	Total cost of Project	First installment for release
10	Sikkim	i) Environmental quality monitoring of Hydro-electric Projects ii) Mass awareness iii) Networking in SPCBs	8.10 7.00 3.73	4.0 3.50 3.0
		Total	18.53	10.50
11	Punjab	i) Monitoring water quality ii) Monitoring of ground water iii) Effect of industrial waste water application for irrigation on soil and ground water	10.0 7.50 5.0	5.0 3.75 2.50
		Total	22.50	11.25
12	Goa	i) Awareness for MSW ii) RO-Laboratory strengthening iii) Final settlement (PP) iv) Computerization of RO	8.50 20.00 1.10 3.44	4.25 16.00 1.10 3.0
		Total	33.04	24.35
13	Karnataka	Bio-mapping of rivers (final installment)	1.5*	1.5
		Total	1.5	1.5
		Grand Total	497.24498	281.91429

Table-II

Financial Assistance to provided by CPCB to
State Pollution Control Boards and
Pollution Control Committees (2007-2008)

(Rs. in lakhs)				
S. No	State Board/ Committees	Proposed Schemes	Total cost of project	1 st installment released
1	Orissa	1) Assessment of emission reduction by adoption of various clean technology in sponge iron and integrated steel plants	20.0	10.0
		2) Study of impact upon Hirakund reservoir due to sustaining and mining activities in its catchment area	40.0	20.0
2	Goa	1) Setting-up of Mobile monitoring laboratory (2 nd)	23.70	19.96 (80%)
		2) Assessment of Hazardous Waste generation	11.00	5.5*
3	Assam	1) Inventory of industries in Dibrugarh, Tinsukia, Sibsagav	5.70	2.85
		2) Mass awareness	11.60	5.80
4	Meghalaya	1) Assessment of noise	2.80	1.40
		2) Assessment of ground water quality and identifying hot spots	5.50	2.25
		3) Strengthening of laboratories	93.40	74.72
5	Tripura	Environmental impact assessment studies of Bodhjunguager Industrial growth centre	33.0	16.50
6	Uttrakhand	Set of 24 activities	140.0	70.0
		1. Industrial Pollution Control (Inventorisation) 2. Pollution Control status report 3. Action Plan for control of pollution for State Capital and other towns. 4. Environmental quality assessment (water & air) 5. Assessment of ambient air quality.		

(Rs. in lakhs)

S. No	State Board/ Committees	Proposed Schemes	Suggested by CPCB	1 st installment released
		6. Hazardous waste generation (assessment) 7. Ground water quality assessment 8. Noise pollution assessment (State capitals and other towns) 9. Implementation of rules relating to BMW, MSW, Plastics 10. Systematisation of consent procedures. 11. Systematisation of cess procedures 12. Rederssel of public complaints and surveillance. 13. Legal enforcement 14. Phased programmes of computerization 15. Mass awareness programmes 16. State-level training programmes for different agencies. 17. Setting-up of demo plants for sewage/MSW. 18. Treatment and disposal of domestic sewage. 19. State-specific issues- * Tourism * Ganga/Yamuna Pollution * Power projects * Road * Alternate fuel 20. Development of environmental standards. 21. Rejuvenation of water resources/consent strategies 22. Promotion of rain water harvesting 23. Vehicular and noise pollution control.		
7	Manipur	1) Ambient air quality assessment 2) Noise level monitoring 3) Assessment of vehicular pollution 4) Industrial Pollution Control 5) Management of urban waste 6) Laboratory management 7) Data base management 8) Mass awareness programme 9) State specific issues	4.0 6.0 6.0 6.0 8.0 14.0 11.0 11.0 11.0	2.0 5.0 5.0 4.0 5.0 6.0 5.0 5.0 5.0

S. No	State Board/ Committees	Proposed Schemes	(Rs. in lakhs)	
			Suggested by CPCB	1 st installment
8	Madhya Pradesh	Bio-medical waste management	9.0	4.50
9	Karnataka	Bio-mapping of River Tungabhadra	3.65	2.0
10	Uttar Pradesh	Bio-mapping (bio-monitoring) of river Gomati		
11	Maharashtra	Assessment of fisheries status in river Godavari with regard water quality		
		Grand Total		

CENTRAL POLLUTION CONTROL BOARD

Programme areas suggested for seeking funding support from CPCB (in continuation of the programme areas already communicated earlier by CPCB to SPCB dated 21-06-07)

1. **Assessment of Pollution from different Sources.**

SPCBs/PCCs may give specific attention for assessment of pollution from following sources and suggest for action plan implementation to the concerned agencies. For each of the programme area given below. Inventorization will be carried out to generate data on waste generation, present mode of disposal and drafting action plan to mitigate the problem relating to pollution caused by each sector.

a. *Status of domestic waste water treatment and disposal.*

Format of the study could be the same as per earlier studies of CPCB on Class-I and II Towns. SPCB may undertake inventorization based on survey to collect status of domestic waste water generation, collection and treatment. Accordingly, local bodies could be insisted to obtain consents from the Board. A consolidated report based on collection of information from local bodies with suggested title "status of sewage treatment on the state" may be brought out.

b. *Status of MSW collection, treatment and disposal as per MSW Rules in the State*

SPCBs may follow a format of CPCB report on 59 cities. Information may be collected from each local body in the State as per Form-I of MSW Rules. Attempts may be made to cover local bodies for Authorizations. Based on information collected, a consolidated report on status of solid waste management may be brought out.

c. *Status of Bio-medical waste generation and its disposal as per BMW Rules.*

Study to cover inventorization of Health care establishment, quantification of waste and disposal options. State Board may consolidate the report on Bio-medical waste management in the State. The report may also highlight on number of common bio-medical waste treatment facilities required in the State.

d. *Plastics Waste Disposal*

Inventorization of Plastic manufacturing and recycling units.

e Assessment of Electronic Waste

State Board may attempt to inventorize E-waste generation in the State and may begin with important towns.

f. Assessment of Batteries waste

To prepare Report as per the Batteries (Management and Handling) Rules, 2001.

2. Status of Industrial Pollution Control

State Board may compile information on number of polluting industries in the State and their compliance status. SPCB may list out pollution control compliance in respect of each unit.

3 About SPCB and its activities (vital statistical information)

SPCB may bring out a statistical document on all information pertaining to SPCB and its activities. This document will be a link document to the project indicated at para-1 on "strengthening of SPCB". Maharashtra SPCB has prepared such type of document. A format for preparing such document has also been circulated by CPCB to SCPBs/PCCs. However, this document need not be a duplication of Annual Report being prepared by SPCB on annual basis. A format for printing this document is attached for reference please (Table-V). The information indicated should be available on web-site as well as in printed form.

4. Preparation of Document on strengthening of SPCBs/PCCs

It has been observed that a few Boards like Gujarat, Maharashtra and Orissa have attempted to prepare a document on strengthening of their Board. Under such document they have identified the environmental issues of their state and have made an attempt to list-out the requirements for strengthening of the Board to achieve the targets. In this context, the State Board may undertake similar type of exercise to prepare a comprehensive document to illustrate environmental issues of the State and fixing targets to control pollution for each identified sector and accordingly identify areas required for strengthening of the Board. The areas to be covered for strengthening of the Board may include staff, laboratories and other infrastructure (including computerization of all the activities). To undertake this exercise, State Board may associate an Expert including utilizing experience of the working staff within the Board and come out with comprehensive document. Such document will help Boards to seek appropriate relevant support of State Govts., Central Govt and other agencies. However, such document should preferably be prepared within a year.

Indicative Guidelines and Contents which can be followed by SPCBs/PCCs are given in Table-VI.

Table-IV

Financial assistance provided by CPCB to SPCBs/PCCs on common identified schemes;

- (i) Assessment of Pollution from various sources (MSW, Sewage, BMW, Plastics, E-Waste, Batteries)
- (ii) Status of Industrial Pollution Control
- (iii) SPCB and its activities (Statistics)
- (iv) Document on strengthening of SPCB

(Rs.in Lakhs)			
	SPCBs/PCCs	Total Sanction	1 st Installment released
1	Aruanchal Pradesh	20.0	14.0
2	Assam	20.0	14.0
3	Bihar	20.0	14.0
4	Chandigarh	20.0	14.0
5	Chhatisgarh	30.0	21.0
6	Goa	20.0	14.0
7	Himachal Pradesh	30.0	21.0
8	Jammu & Kashmir	30.0	21.0
9	Jharkahnd	20.0	14.0
10	Kerala	30.0	21.0
11	Lakshadweep	17.70	11.0
12	Madhya Pradesh	27.0	18.90
13	Meghalaya	20.0	14.0
14	Mizoram	20.0	14.0
15	Manipur	20.0	14.0
16	Nagaland	20.0	14.0
17	Orissa	20.0	14.0
18	Puducherry	14.0	9.80
19	Sikkim	20.0	14.0
20	Tripura	20.0	14.0
21	Uttarakhand	20.0	14.0
22	Uttar Pradesh	30.0	21.0
23	Tamil Nadu	30.0	21.0
24*	West Bengal	30.0	21.0
25	Andaman Nicobar	11.0	5.50
26	Maharashtra	30.0	21.0
27	Rajasthan	30.0	21.0
28	Punjab	30.0	21.0

Table-V

ANNUAL STATEMENT

ON

PERFORMANCE AND ACTIVITIES OF SPCBs/PCCs



CENTRAL POLLUTION CONTROL BOARD

(Ministry of Environment & Forests)

Parivesh Bhawan, East Arjun Nagar,

DELHI-110 032



ANNUAL UPDATION OF INFORMATION

(As on 31st March)

Name of State Board/Committee

1.0 INDUSTRIAL POLLUTION CONTROL

1.1 Total no. of industries Registered in the State/ UT (Please indicate the reference i.e. through Industries Deptt., SPCB inventory or any other source)

- i. Large :
- ii. Medium :
- iii. Small Scale :

1.2 Total number of polluting units identified for: action out of total number of registered existing industries as per information given in para 1.1. above

- i. Water :
- ii. Air :
- iii. Hazardous waste generating :

1.3 Total No. of Industries Consented during the: reporting year and cumulative valid

	Cumulative valid consents			Consent issued during reporting year		
	Large industries	Medium Industries	Small Scale Industries	Large	Medium	SSI
Water Act						
Air Act						

1.4 Total number of industries consented :
(Total cumulative valid consents)

1.5 Pollution Control Status :
a) Pollution Control devices

No. of units provided Pollution Control Devices (Air & Water)	No. of Effluent Treatment Plants	Air Pollution Control Devices

1.6 Present pattern of consent fee charged to industries :

1.7 Present procedures followed for consent mechanism :

1.8 (i) Total No. of Environmental Statement received :

(ii) Analysis of Environmental statements : Please attach the summary

(b) Compliance of Industries

S.No	Categories of Industries	No. of units	No. of units complying
i	17 categories of polluting industries		
ii	Industries discharging wastewater into rivers		
iii	Industries other than (i) & (ii) above		

(c) Whether SPCB has opened consent register as per: 25(6) of the Water Act

1.9 No. of legal samples collected & No. of units covered:

1.10 No. of performance studies carried out : for assessing efficiency of ETP/ Air Pollution Control equipment	ETP Performance	Performance of Air Pollution Control Devices

1.11 No. of units covered for surveillance/Inspections :

2.0 COMMON EFFLUENT TREATMENT PLANTS (CETPs)

(i) Total no. of Industrial Estates clusters :
in the State/UT

(ii) No. of CETPs operating in the State :

(Please list out details of CETPs)

Places where CETPs are being operated	Name of Industrial Estates where proposals forwarded to MoEF for consideration	Estates where CETP could set up

(iii) Details of Financial Assistance for CETP

(a) Funds provided by MoEF

Name of Proposal	Financial Year	Funds provided by MoEF	Contribution of State Govt.	Total cost of project and present status

(b) Funds from other agencies

Name of the Agency and Funds provided by Agencies	Date of Commencement of Project	Expected date of completion

2.1 Specific steps taken to prevent pollution from:
SSI/proposed action

2.2 Steps taken for industries for providing; waste:
Minimization; adoption of cleaner technologies,
Resource conservation, etc.

3.0 HAZARDOUS WASTE MANAGEMENT

- (i) No. of units generating hazardous waste:
in the State/UT
- (ii) No. of Authorization granted :
- (iii) No. of disposal sites identified :
- (iv) No. of units importing hazardous waste :
- (v) A note on present practices followed by : (may be annexed)
industries on management of hazardous
waste & views of SPCBs/PCCs
- (vi) Funds received from MoEF/other institutions:
on hazardous waste management

1	2	3	4	5
Year	Amount received	Funding Agency	Scheme	Present status

4.0 MANAGEMENT OF HAZARDOUS CHEMICALS

- (i) No. of units where on-site plans prepared :
- (ii) No. of units where off-site plans prepared :
- (iii) No. of units importing hazardous chemicals :
- (iv) No. of units taken Risk Policies under Public :
Liability Insurance Act, 1991
- (v) No. of accidents reported during the year :
and actions taken (A note may annexed, if
required)

5.0 PERFORMANCE OF LOCAL AUTHORITIES AND SEWAGE TREATMENT

- (i) No. of local bodies in the State :
- (ii) No. of local authorities paying Cess :
- (iii) Anticipated amount of Cess expected from :
local authorities on annual basis (Rs. In lakhs)
- (iv) Total No. of local authorities consented under :
the Water Act

- (v) Initiatives taken by local Authorities/State Govt. for :
sewage treatment in the State/UT (A note may be
be annexed)
- (vi) Whether there are any specific court cases on :
sewage treatment & disposal in the State
- (viii) No. of towns proposed for covering under NRCP :

6.0 LEGAL CASES

- (vi) Court cases

	No. of Cases filed during the year	No. of cases decided	Cases decided		Total no. of cases pending (cumulative) in
			In favour of Board	Against the Board	
Water Act					
Air Act					
E(P)Act					

- (ii) * Whether State/UT has adopted Water : Yes/No
(Prevention and Control of Pollution) Amendment
Act, 1988
- * Whether whole of State has been declared as :
Air Pollution Control areas

6.1 CLOSURE AND SHIFTING

- (i) No. of cases under E(P)Act (Section 5) :
- (ii) No. of Notices issued under Water and Air :
- (iii) No. of units close down by SPCB/PCC under :
relevant Acts

No. of units close down by the Court in the State/UT:

Whether any direction/order issued by SPCB or Court:
for shifting of industries. If yes, please give details
(Details may be annexed)

No. of Public Interest Litigation in which SPCB/PCC:
is responding in High Court/Supreme Court, etc.

7.0 ASSESSMENT OF POLLUTION

Details of Surveys and Monitoring carried out

(i) Vehicular pollution assessment and Control

- (a) No. of cities/towns surveyed for assessment of :
vehicular pollution

- (b) Status of Vehicular Pollution Control-Initiatives and actions taken :
- (c) Interactions of SPCB /PCC with State agencies :

(ii) Noise Pollution Control

- (a) No. of cities and towns covered for assessment of noise pollution :
- (b) Existing status of noise pollution :
- (c) Actions taken for noise pollution control :

(iii) WATER QUALITY ASSESSMENT

- (a) *No. of water quality monitoring stations under MINARS/GEMS* :
 - River* :
 - Lakes* :
 - Ground water* :
 - Coastal water* :
 - Others* :
- (b) *No. of water quality monitoring stations operated by SPCBs/PCCs other than supported by CPCB* :
 - River* :
 - Lakes* :
 - Ground water* :
 - Coastal water* :
 - Others* :
- (c) *Please provide a Note on existing water quality including for rivers, lakes, ground water and coastal water* :

(iv) Ambient Air Quality

- (a) *No. of ambient air quality monitoring stations operated under NAAQM* :
 - No. of stations* :
 - No. of cities/towns covered:*
- (b) *No. of ambient air quality monitoring stations operated by SPCBs/PCCs other than supported by CPCB under NAAQM* :
- (c) *Please provide a Note on existing ambient air quality in the State* :

(v) Any other specific survey carried out by SPCBs/PCCs during the year

8.0 PUBLIC COMPLAINTS

- (i) No. of complaints received during the year :

- (ii) No. of complaints disposed during the year :
- (iii) No. of complaints in pending (aggregated) :
- (iv) Issues which have been raised in the public complaints :
(Analysis)

9.0 ABOUT SPCB/PCC

9.1 Staff Strength (As on 31st March)

		Sanctioned	Filled	Vacant
i.	Administration			
ii.	Finance & Accounts			
iii.	Scientific			
iv.	Technical			
v.	Legal Section			
vi.	Computer/other			
	TOTAL			

9.2 Regional & Sub-Regional Offices

- (i) No. of Regional Offices :
- (ii) No. of Sub-Regional Offices :
- (iii) Details of Offices (Regional & Sub Regional Offices) :

S.No	Location/ Address	Telephone and Fax	Address

10.0 Funds and Receipts

Grants received from State Govt.		Receipt in the form of consent and Authorization fee	Receipts out of laboratories/ testing fee/ publication, etc.
Plan	Non Plan		

(ii) Expenditure

Plan :
Non Plan :

- (iii) Whether Annual accounts are audited regularly :

CESS

- (i) Anticipated target set for next financial year :

- (ii) Cess reimbursement by MoEF during Previous Year :
- (iii) No. of industries covered for cess assessment :
- (iv) Amount assessed from industries :
- (v) No. of industries claiming cess rebates :
- (vi) No. of local authorities paying cess and amount assessed :
- (vii) Areas of activity on which cess amount is spent :

MANAGEMENT OF BIO-MEDICAL WASTE

- (i) Whether Prescribed Authority & Advisory Committee has been constituted : Yes/No
- (ii) If yes, whether SPCBs/PCCs is the Prescribed Authority: Yes/No
- (iii) No. of Authorization granted :
- (iv) Whether any proposal is prepared to set-up combined Treatment facility for Bio-medical waste :
- (v) No. of Notices served and Actions taken against defaulting hospitals :
- (vi) What are the major constraints in ensuring proper management of bio-medical waste :

13. COMMITTEES/ AUTHORITIES

No. of Committees constituted by SPCB/PCC on important subjects

	Committee	Tenure	Subject

No. of Committees in which SPCB/PCC is a 'Member' constituted by State Govt. or other bodies).

Name of the Committee	Constituted by	Subject

14. PUBLIC HEARING

- (i) No. of hearing organized by SPCB/State Govt. :

15. LABORATORY MANAGEMNET

- (i) No. of water samples collected and Analysed (including ZO/RO) :
 - River :
 - Ground Water :
 - Lakes :
 - Coastal :
 - Any other :
 - Industrial effluent :
- (ii) No. of stack monitoring carried out :
- (iii) Please attached separately facilities required for strengthening of laboratory at Head Office and Regional Offices :

- (iii) Whether SPCB/PCC is proposing to get laboratory :
accreditation through NABL

16. BOARD MEETINGS/ DECISIONS

- (i) Please provide a notification on latest composition :
of Board
(ii) No. of Board meetings held during the year :
(iii) Please highlight important decisions taken during :
the year in the Board meetings relating to prevention
and control of pollution and any other important
decisions taken

17. REVIEWS

- (i) Whether SPCB/PCC is under the State Deptt. of : Yes/No
Environment
(ii) If not, under which Department (e.g. Health, : Yes/No
Public Works etc.) if falls.
(iii) Whether any review has been made on the performance :
of SPCB/PCC by the State Govt. if yes, please provide
the detail

18. ASSEMBLY MATTERS

- (i) Whether SPCB/PCC receives Assembly Questions : Yes/
No
(ii) If yes, No of questions received during Assembly :
Sessions (budget, monsoon and winter)
(iv) Important subjects/issues raised through Assembly :
Questions or in the Committees constituted by the Assembly.

19. APPELLATE AUTHORITIES

- (i) Please provide details on cases dealt by the Appellate :
Authorities under Water, Air and Cess Act

20. ANNUAL REPORT

- (i) Whether Annual Reports are prepared regularly and are :
placed in the State Assembly
(ii) Please provide a copy of Annual Report of the last Financial:
Year

21. TRAINING

- (i) No. of Training programmes organized by SPCB/PCC :
(ii) No. of officials attended training/seminars/workshops :
organized by other agencies
(iii) No. of officials attended training/workshops/seminars :
abroad
(iv) Areas under which training is required to the officials in :
future

22. COMPUTERIZATION

- (i) What are the records/ information which have been computerized (please list out) :
- (ii) Facilities required for computerization with estimated cost :
- (iii) Whether SPCB is sending data on Water /Air Quality Monitoring through E-Mail/Floppy :

23. MANAGEMENT OF MUNICIPAL SOLID WASTE

- (i) No. of meetings/ interactions made with local bodies on the subject.
- (ii) Present status of Management of MSW and initiatives taken/ Proposed for ensuring proper management of MSW
- (iii) Whether there are any court cases relating to management: Of MSW in the State/UT
- (iv) Proposals planned for implementation of MSW Rules :
- (vi) No. of Authorizations granted to local bodies :

24. ACCOMMODATION

- (i) Whether SPCB/PCC is having its own premises or it is operated in rented building :

- Head Office : Own Rented
- Regional offices : Own Rented

25. ASSISTANCE RECEIVED UNDER BILATERAL PROGRAMMES

Whether SPCB has been considered for strengthening under any Bilateral Programme, if yes please provide the details as under :

Bilateral Programme (including World Bank)	Financial year	Type of Assistance received	Scheme

If not whether SPCB has made any proposal to seek support under Bilateral programme, please provide the detail.

26. ACTION PLANS

26.1 *Problem Areas* :

- (i) No. of Problem areas with name

- (ii) A brief note on action taken for restoration of environmental quality in the problem area and results/improvement observed :
- (iii) Are there other critically polluted areas in the State/UT which needs to be covered (other than) (i) above, Please provide details

26.2 *Polluted River Stretches*

- (i) No. of polluted river stretches identified (please provide names) :
- (ii) Actions taken for restoration of water quality under National River Action Plan :
- (iii) Have the State Board/Committee identified polluted river stretches other than those covered under NRAP, if yes, please provide details

26.3 *Ground Water*

- (i) Please name the areas where ground water quality is deteriorated due to pollution or other geological reasons in the State
- (ii) A brief note on actions taken on prevention of ground water pollution may be attached.

26.4 *Metrocities/ State Capital*

Whether State Board has proposed to prepare city-wise action Plan for abatement of pollution (particularly for metro city if, In the state or for State Capital), please provide details

27 **PLASTICS WASTE/DISPOSAL**

- (i) Whether State Govt./city administration has put any Ban/prohibition on use of polythene bags
- (ii) The actions proposed by the State Board/ Committee: as a prescribed authority designated under Section (3) (a & b) of the Recycled Plastics (Manufacture and Usage) Rules, 1999

28. **MASS AWARENESS**

- (i) No. of publications/reports brought out during the year:
- (ii) No .of awareness programmes organized (including Interaction with NGOS Schools/Colleges etc.) :
- (iii) No. of films available with the Board :
- (iv) Any specific programme taken for creating awareness :

29. FINANCIAL ASSISTANCE

Details of financial assistance received from MoEF and CPCB during last two years may be furnished.

Funding Agency	Amount Provided		Scheme
	2001-02	2002-03	

30. SPECIFIC ISSUES

Kindly list out State -specific issues pertaining to Pollution/ : (may be annexed)
Environmental Management which are to be taken up

31. ACHIEVEMENTS AND ANNUAL PLAN

Achievements of the preceding financial year (highlights) :
and summary of the activities proposed for the succeeding financial year

INDUSTRIAL POLLUTION CONTROL

- (i) Total no. of Industries in the State ;
- Large :
Medium :
SSI :
- (ii) No. of Polluting units (Air/Water) :
identified out of (i) above
- (iii) No. of consents issued out of (ii) :
above
- Air :
Water :
- (iv) No. of hazardous waste generating :
units identified
- (v) No. of Authorizations granted out :
of (iv) above
- (vi) No. of inspections normally carried :
out for verifying industrial compliance
per month/ year (by HO & RO)
- (vii) No. of performance studies carried :
out (ETP/Air Pollution Control devices)
for industrial compliance per month/yr

- (viii) No. of on-going Court cases :
- Water Act :
Air Act :
EPA :
- (ix) No. of Industrial estate in the State :
- (x) No. of operating CETPs in the State :
- (xi) No. of Public complaints in pending :
- (xii) Are the consent/ authorization procedures : (Pl. give brief description)
computerized

2.0 **Urban Waste**

- No. of authorization granted for management of BMW to the health care establishments :
- No. of Common bio-medical waste treatment facilities/ and Incineration in the State :
- No. of Plastics Recycling units in the State :
- No. of ULBs granted with authorization under for MSW Rules management (Authorization) :

3.0 **Pollution Assessment**

- No. of Water quality monitoring in operation under
CPCB Programme (MINARS/GEMS)
- No. of Air Quality in operation under NAMP Programme
- No. of Water Quality run under SPCB Programme -
- No. of Air Quality run under SPCB Programme

4.0 **Staff**

	Head Office	Regional Office	Total
Administration			
Finance & Accounts			
Scientific			
Technical			
Legal			
Computer			

5.0 **Offices**

- No. of Regional Offices (RO) :
- No. of Sub-RO :

6.0 Resources & Expenditure

Total expenditure of the Board during 2004-05		Rs. _____
Total receipt of consent fee	2004-05	Rs. _____
Total receipts of cess	2004-05	Rs. _____
Grants Received from state Govt.	2004-05	Rs. _____
Other receipt (Analysis charges, etc.)	2004-05	Rs. _____
No. of industries paying cess		_____

'Country Paper'

3.3

POLLUTION CONTROL MACHINERY IN INDIA

STATE POLLUTION CONTROL BOARDS (SPCBs)

and

POLLUTION CONTROL COMMITTEE (PCCs)



CENTRAL POLLUTION CONTROL BOARD

(Ministry of Environment & Forests)
Parivesh Bhawan, East Arjun Nagar,
DELHI-110 032

August, 2007

**State Pollution Control Boards (SPCBs)
and
Pollution Control Committees (PCCs)**

"SUMMARY"

Based on the information provided by SPCBs and PCCs for 2006-07, following observations are placed;

1. GRANTS BY STATE GOVERNMENTS

- Out of 34 SPCBs/PCCs (28 SPCBs and 6 PCCs), only 17 SPCBs are getting grants from State Governments.
- 17 State governments are providing grants to SPCBs (17) to an extent of Rs.17.8151 crores.
- Jammu & Kashmir and West Bengal SPCBs are getting maximum grant from State Government i.e. Rs.4.88 and Rs.3.88 crores respectively.

2. EXPENDITURES OF SPCBs

- An amount of Rs.149.19 crores is expended by SPCBs (27)
- Maharashtra SPCB has spent maximum amount of Rs.45.08 crores.

3. REVENUES OF SPCBs

- Revenue to SPCBs is Rs.356.68 crores out of which the share through consent fee is Rs.178.16 crores and cess contributes Rs.52.03 crores.

Maharashtra SPCB has a maximum revenue of Rs.61.65 crores followed by Andhra Pradesh (33.45), Tamil Nadu (32.01) and Karnataka (31.54).

4. OFFICES OF SPCBs

- For strengthening of environmental surveillance and monitoring, 23 SPCBs have set up 229 Regional Offices. Karnataka SPCB has set up 33 Regional Offices and whereas Maharashtra SPCB has set-up 11 Regional Offices and 44 Sub-Regional Offices.

5. STAFFING PATTERN

- There are 8586 sanctioned staff to SPCBs/PCCs out of which 6128 staff are in position. Out of 6128 staff in-position, Scientific staff is 1277 and Technical is 1455.

Maximum staff in position is at Maharashtra (702) followed by Tamil Nadu (697) and Uttar Pradesh (576).

6. INDUSTRIES AND CONSENTS

Out of 2,54,325 industries identified as 'polluting' by SPCBs 1,95,102 industries have been consented. Maximum consents are issued by Maharashtra (10,567 in 2006-07) (61,800 as total) followed by Gujarat (16,790) and Tamil Nadu (10,336)

7. HAZARDOUS WASTE GENERATING INDUSTRIES

Out of 30,179 hazardous waste generating industries identified by SPCBs, 25,663 industries have been granted with 'Authorization'.

A detailed review note is Annexed.

1. INTRODUCTION

One of the major functions of Central Pollution Control Board (CPCB) is to co-ordinate activities of the State Boards and plan and cause to be executed a nationwide programme for the prevention and control of pollution. Co-ordination activities with State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs) requires regular interaction of CPCB with SPCBs and PCCs. Subject-specific interactions are made by the various Divisions from the Head quarter of CPCB and the Plan-co-ordination division of CPCB regularly seeks relevant information and collate them for drawing conclusions from time-to-time and attempting to link such information with on-gong nation wide programmes relating to prevention and control of pollution.

2. INFORMATION OF SPCBs/PCCs

PCP Division has designed a comprehensive format for seeking information from SPCBs/PCCs and information are collected on regular basis. Detailed information have so far been received from; Assam, Mizoram, Madhya Pradesh, Haryana, Meghalya, Maharashtra, Chandigarh (UT), Andhra Pradesh, Nagaland, Tripura, Karnataka, Gujarat, Tamil Nadu, Uttarakhand.

3. INFORMATION OF 2006-07

PCP Division has recently made an attempt to quickly collect vital information of SPCBs/ PCCs during 2006-07. Findings of 2006-07 are compiled and are placed at Annexure-I and II. Summary of observations are described as under;

4. GRANTS OF STATE GOVERNMENTS

- SPCBs of; Andhra Pradesh, Assam, Bihar, Daman Diu, Himachal Pradesh, Jharkhand, Karnataka, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, Goa, Uttarakhand, Uttar Pradesh and Puducherry are not getting grants from the respective State/UT Governments.
- Maximum grant of Rs.488.0 lakhs and Rs.388.0 lakhs is received by Jammu and Kashmir and West Bengal State Pollution Control Board from the State Government.
- Altogether, 16 SPCBs have received grant of Rs.17.8151 crores from the State Governments.

5. EXPENDITURES OF SPCBs/PCCs

- An amount of Rs.149.19 crores has been expended by SPCBs/PCCs. However, exact expenditure has not been indicated by; Bihar, Delhi, Himachal Pradesh, Karnataka, Lakshadweep, Punjab, Rajasthan and Tamil Nadu (as there was no grant from the State Governments).

- Expenditures incurred by SPCBs are; Maharashtra (Rs.45.07 crores), Uttar Pradesh (Rs.15.68 crores), Gujarat (Rs.14.42 crores), Andhra Pradesh (Rs.14.11 crores and West Bengal (Rs.13.94 crores). The range of expenditure is as under;

Range of expenditure (2006-07)				
< 50 lakhs	50-100 lakhs	100-500 lakhs	500-1000 lakhs	> 1000 lakhs
Andaman	Daman Diu	Assam	Haryana	Andhra Pradesh
Arunachal Pradesh	Madhya Pradesh	Chhatisgarh	Jharkhand	Gujarat
Nagaland	Manipur	Goa	Kerala	Maharashtra
Sikkim	Meghalaya	Jammu & Kashmir		Uttar Pradesh
Puducherry	Mizoram	Orissa		West Bengal

6. REVENUE OF SPCBs/PCCs

- Major source of revenue to SPCBs is out of consent fee and cess reimbursements.
- Out of total revenue of Rs.356.68 crores to SPCBs, Rs.178.16 crores is through consent fee and Rs.52.03 crores by way of cess.
- The maximum extent to which revenue are earned by SPCBs and particularly through consent fee is as follows (Rs. in crores)

S.No	State Boards	Consent fee	Maximum / Total Revenue
1	Maharashtra	40.26	61.65
2	Karnataka	25.88	31.54
3	Tamil Nadu	23.35	32.01
4	Andhra Pradesh	17.18	33.45
5	Kerala	10.18	11.01
6	Rajasthan	11.20	22.95
7	Gujarat	-	19.00
8	Haryana	-	17.84
9	Himachal Pradesh	-	18.34
10	Madhya Pradesh	6.47	12.45
11	Orissa	8.66	12.07
12	Punjab	8.79	18.02
13	Uttar Pradesh	-	17.56
14	West Bengal	5.25	11.53

7. OFFICES OF SPCBs

- According to the needs, SPCBs have set up the Regional and sub-regional offices.

- SPCBs/PCCs altogether have set up 229 Regional offices out of which, Maharashtra has set up 11 Regional Offices and 44 Sub Regional Offices, Karnataka has set up 33 offices, followed by Tamil Nadu (25) and Andhra Pradesh (24).

8. STAFFING OF SPCBs/PCCs

- Status of staffing position in SPCBs is as under;

S.No	Category of Staff	Sanctioned (s)	In-position (P)
1	Scientific	1934	1277
2	Technical	2082	1455
3	Others	4314	3317
	TOTAL	8586	6128

- Status of staffing pattern in a few Boards is as under;

S.No	State Board	Total Staff		Scientific		Technical	
		San**	Posit*	Sant	Posit	Sant	Posit
1	Tamil Nadu	988	697	244	169	228	128
2	Uttar Pradesh	798	576	204	132	177	110
3	Maharashtra	702	649	82	77	222	209
4	Madhya Pradesh	697	503	254	178	73	48
5	Karnataka	673	296	161	46	239	129
6	Punjab	552	402	38	19	141	63
7	Gujarat	549	465	175	147	132	93
8	Jammu & Kashmir	432	284	110	39	163	140
9	Andhra Pradesh	402	285	65	45	138	105
10	West Bengal	328	256	66	48	81	72

*Sanctioned (s)** Position (P)*

9. INDUSTRIES AND CONSENTS

- State Boards have identified 227583 industries as polluting units which includes primarily Red and Orange category of industries.
- State Boards have issued 192674 consents. Number of consents issued by SPCBs include;

SPCBs	Consents
Gujarat	16790
Karnataka	8265
Kerala	9075
Maharashtra	61800 (10546 in 2006-07)
Punjab	8224
Tamil Nadu	10336
Rajasthan	4688 to 2466

10. HAZARDOUS WASTE GENERATING INDUSTRIES

- SPCBs have identified 30,181 industries as hazardous waste generating and authorizations have been granted to 26027 industries.

11. PROPOSALS

- (i) CPCB may device a system for one-to-one interaction with SPCBs/ PCCs to have an updated information on various activities which may form a basis for designing nationwide programme on abatement of pollution.
- (ii) As per the designed format, each SPCB should give the information and CPCB may place such information on its web-site. Thus, there will be 34 documents for display.

12. REFERENCES

- (i) Information indicated in this document are based on the responses received from 28 SPCBs and 6 PCCs.
- (ii) A format designed to collect detailed information is placed at Table-V

3.4 Nation-wide and State Specific Programmes
on Prevention and Control of Pollution

{As indicated by SPCBs/PCCs}



CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment & Forests)
Parivesh Bhawan, East Arjun Nagar,
DELHI-110 032

3.4.1 One of the main mandated function of the Central Pollution Control Board (CPCB) is to “Plan and cause to be executed a nation-wide programme for the prevention and control or abatement of water and air pollution”. Similarly, State Pollution Control Board (SPCBs) are also required to plan comprehensive programmes for prevention, control or abatement of Water and Air Pollution in the State.

3.4.2 CPCB has been regularly interacting with SPCBs and nation-wide programmes have been under implementation which includes;

- (i) Water and ambient air quality monitoring
- (ii) (a) Setting up of continuous air quality monitoring stations.
(b) Source apportionment studies in 6 cities.
- (iii) Ensuring pollution control compliance in 17 categories of highly polluting industries and industries discharging waste water into rivers and lakes.
- (iv) Restoration of environmental quality in critically polluted areas and polluted river stretches.
- (v) Performance evaluation of common effluent treatment plants, treatment, storage and disposal facilities (TSDFs) for hazardous waste management and common bio-medical waste treatment facilities, etc.
- (vi) Spatial environmental planning programmes and eco-cities
- (vii) Setting up of demo projects on implementation of rules relating to municipal solid and plastics waste
- (viii) Implementation of Corporate Responsibility for Environment Protection in 17 categories of industries.

3.4.3 CPCB has interacted with SPCBs to find out more areas which are common to all States to evolve nation-wide programmes and also support (technically and financially) for execution of State-specific programmes identified by them.

3.4.4. Nation-wide programmes suggested by SPCBs.

3.4.4.1 Uttarakhand

- (ii) More stringent standards for existing brick-kilns and lime kilns located in sensitive area (such as Doon Valley)
- (iii) Specific standards for re-use of treated effluents in the industrial processes.

- (iv) Tourism and strategy for environment protection.
- (v) Impact of man-made activities like road-construction in Hilly regions.
- (vi) Use of alternate fuel to reduce the load of forest.
- (vii) Emission standards for incinerators/forced evaporation.
- (viii) Indoor pollution in malls, commercial complexes including good practices for recreation centres.
- (ix) Threshold limits for storage of CNG/LPG in retail outlets for filling into vehicles, and Guidelines to set-up CNG/LNG filling centres.

3.4.4.2 Tripura

- (i) Standards for gas-based power plants
- (ii) Conservation of rivers flowing to other countries.

3.4.4.3 Haryana

- (i) Siting norms for mobile phone towers in view of their radiation effects.
- (ii) Categorization of carbon slurry as hazardous waste.
- (iii) Disposal of seized narcotics.

3.4.4.4 Assam

- (i) Water quality restoration during festive period.
- (ii) Guidelines to States on setting-up of water and air quality monitoring network including CAQMS.
- (iii) Guidelines on Mass awareness programmes (conducting at State level)
- (iv) Performance guidelines for evaluation of CBMTF (Incinerators)

3.4.4.5 Andhra Pradesh

- (a) Standards for fugitive emissions may be developed for various sectors/ industries like Mining, Cement, Bulk drugs etc. including during transportation.

- (b) Standards/limits for solvent emissions in chemical industries
- (c) Standards for plastic recycled or related units for effluents
- (d) Standards for odour causing effluents/emissions
- (e) Guidelines/good practices for small scale industries located in clusters like cashew industries, stone crushers, lime kilns.
- (f) Sector specific (biotech, textile, tanneries) guidelines/good practices in managing the Environmental issues in SEZs/Industrial Estates.
- (g) Standards for emissions from incinerator/forced evaporation.
- (h) Standards for indoor pollution in malls, commercial complexes etc.
- (i) Good practices in recreation centres.
- (j) Threshold limits for storage of CNG,LPG, etc. in retail outlets for filling into vehicles
- (k) Guidelines to set up CNG, LPG filling centres.
- (l) Guidelines to establish hotmix plants, brick kilns, pulverisors, mining of minerals.

3.4.4.6 Himachal Pradesh

- Development of Minimum National Standards for riverine systems which are acting as recipient sinks for industrial as well sewage effluents as existing Designated Best Used Criteria is highly inadequate in terms of parameters included in the criteria.
- Development of standards/norms for hydroelectric projects in terms of;
 - a) Maintenance of the minimum discharge for sustenance of aquatic life forms in the riverine system.
 - b) Structures for disposal of debris & muck from construction of hydel projects.

Revision of emission standards for cement plants for co-incineration of hazardous wastes;

Monitoring of GHG emission at the Municipal Solid Waste dump sites;

Assessment of Performance of STPs/WTPs in Shimla

3.4.5 State-specific issues

SPCBs/PCCs have identified State-UT-specific issues and this may form basis for supporting SPCBs on prioritized activities. The response has been received from; Lakshadweep, Andhra Pradesh, Haryana, Manipur, Puducherry, Orissa, Goa, Tripura, Meghalaya, Gujarat, Mizoram, Maharashtra, Rajasthan, Daman, Karnataka, Assam, Uttrakhand, Chandigarh

INFORMATION RECEIVED FROM SPCBs AND PCCs (2006-07)

Annexure-I

	State Boards/ Committees	Grant Received from State Govt.			Expenditure incurred			Receipts of SPCBs/PCCs					No. of offices		
		Plan	Non Plan	Total	Plan	Non Plan	Total	Cess	Consent	Authori- zation	Others	Total	Regional	Sub- Regional	Total
1	Andaman Nicobar	13.0	Nil	13.0	12.92	-	12.92	Nil	Nil	Nil	Nil	Nil	-	-	-
2	Andhra Pradesh	Nil	Nil	Nil	202.84	1209.12	1411.96	796.0	1718.15	144.34	686.81	3345.30	24	-	24
3	Arunachal Pradesh	5.0	Nil	5.0	5.0	Nil	5.0	Nil	30.76	0.01	-	30.77	-	-	-
4	Assam	Nil	Nil	Nil	-	-	305.0	41.13	254.0	4.49	-	299.62	7	-	7
5	Bihar	Nil	Nil	Nil	Nil	Nil	Nil	-	-	-	-	224.0	2	-	2
6	Chandigarh	1.0	-	1.0	39.42	-	39.42	24.22	37.75	-	0.63	62.61	-	-	-
7	Chhatisgarh	Nil	19.75	19.75	-	151.06	151.06	129.60	234.46	-	0.20	364.26	7	-	7
8	Daman Diu	Nil	Nil	Nil	-	-	73.31	2.01	285.64	-	3.0	290.65	1	-	1
9	Delhi	20.0	-	20.0	-	-	20.0	268.32	110.22	1.91	114.34	494.79	-	-	-
10	Goa	Nil	Nil	Nil	57.79	60.0	117.79	43.04	328.12	-	-	371.16	1	-	1
11	Gujarat	110.0	10.0	120.0	355.0	1087.0	1442.0	-	-	-	-	1900	10	-	10
12	Haryana	-	-	132.43	-	-	721.02	-	-	-	-	1784.30	10	-	10
13	Himachal Pradesh	Nil	Nil	Nil	Nil	Nil	Nil	-	-	-	-	1834.94	11	-	11
14	Jammu & Kashmir	43.0	445.0	488.0	55.36	407.45	462.81	-	-	-	-	123.51	2	-	2
15	Jharkhand	Nil	Nil	Nil	-	-	512.54	-	279.71	-	-	691.24	6	-	6
16	Karnataka	Nil	Nil	Nil	Nil	Nil	Nil	147.36	2588.84	-	418.13	3154.53	33	-	33
17	Kerala	170.0	40.04	210.04	175.29	749.16	924.45	83.08	1018.72	-	-	1101.8	3	14	17
18	Lakshadweep	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	-	-	-
19	Madhya Pradesh	76.93	Nil	76.93	74.43	Nil	74.43	168.45	647.45	81.03	349.01	1245.85	10	-	10
20	Maharashtra	Nil	Nil	Nil	-	-	4507.62	1173.60	4026.03	73.92	891.29	6165.34	11	44	55
21	Manipur	100.0	-	100.0	93.57	-	93.57	-	-	-	-	1.35	-	-	-
22	Meghalaya	15.0	90.76	105.76	Nil	90.78	90.78	0.35	13.11	0.70	2.81	16.97	Nil	Nil	Nil
23	Mizoram	15.0	Nil	15.0	61.61	-	61.61	-	2.47	0.38	0.03	2.88	-	-	-
24	Nagaland	3.0	21.80	24.80	3.0	26.90	29.90	-	-	-	-	1.91	-	-	-
25	Orissa	Nil	Nil	Nil	-	-	599.70	118.40	866.01	20.17	202.85	1207.43	9	-	9
26	Punjab	Nil	Nil	Nil	Nil	Nil	Nil	662.74	879.0	158.32	102.55	1802.61	15	-	15
27	Rajasthan	Nil	Nil	Nil	Nil	Nil	Nil	806.37	1120.49	368.69	-	2295.55	10	-	10
28	Sikkim	11.0	Nil	11.0	11.0	Nil	11.0	-	-	-	-	5.08	-	-	-

.2.

	State Boards/ Committees	Grant Received from State Govt.			Expenditure incurred			Receipts of SPCBs/PCCs					No. of offices		
		Plan	Non Plan	Total	Plan	Non Plan	Total	Cess	Consent	Authori- zation	Others	Total	Regional	Sub- Regional	Total
29	Tamil Nadu	Nil	Nil	Nil	-	-	-	857.68	2335.25	8.99	-	3201.92	25	-	25
30	Tripura	50.0	Nil	50.0	142.0	Nil	142.0	-	7.84	-	-	7.84	-	-	-
31	Uttra Pradesh	Nil	Nil	Nil	-	-	1568.77	-	-	-	-	1756.93	18	-	18
32	Uttarakhand	Nil	Nil	Nil	-	-	122.16	182.42	470.48	2.10	18.18	673.88	2	-	2
33	West Bengal	98.41	290.39	388.80	504.86	889.19	1394.05	491.42	525.62	13.05	123.89	1153.98	11	4	15
34	Puducherry	Nil	Nil	Nil	-	-	23.46	4.82	36.36	1.41	12.98	55.57	1	-	1
	Total	731.34	917.74	1781.51	1794.09	4670.66	14919.23	5203.277	17816.48	879.51	2926.7	35668.57	229	62	316

INFORMATION RECEIVED FROM SPCBs AND PCCs (2006-2007)

S. No	SPCBs/PCCs	Staffing (Total)		Staffing Pattern						Consents				Hazardous waste generating units	
		Sanctioned	In-position	Scientific		Technical		Others		No. of industries	Water	Air	Total	No. of industs	Authorizations generated
				Sanc	In-posi	Sanc	In-posi	Sanc	In-posi						
1	Andaman Nicobar	9	5	1	-	3	1	5	4	Nil	-	-	49	Nil	Nil
2	Andhra Pradesh	402	285	65	45	138	105	199	135	7008	-	-	7008	1610	963
3	Arunachal Pradesh	8	0	7	-	1	-			75	75	23	75	4	4
4	Assam	199	209	37	37	57	57	105	115	2085	1525	2085	2085	53	53
5	Bihar	230	82	-	-	-	-	-	-	3014	567	3014	3014	34	34
6	Chandigarh	9	9	5	5	3	1	1+2	1	168	-	-	152	378	310
7	Chhatisgarh	147	110	59	38	19	12	69	60	2152	-	-	2152	156	156
8	Daman Diu	10	-	8	-	2	-	-	-	987	987	619	987	129	129
9	Delhi	109	57	15	4	39	30	55	23	7323	-	-	6057	2640	1941
10	Goa	41	41	14	14	08	07	21	21	7309	1691	737	2428	203	190
11	Gujarat	549	465	175	147	132	93	242	225	20213	16790	15334	16790	5739	5739
12	Haryana	253	223	27	27	47	47	149	149	4439	2132	3107	3107	859	575
13	Himachal Pradesh	135	93	22	17	29	12	84	64	5000	3506	4443	4443	1372	1025
14	Jammu & Kashmir	432	284	110	39	163	140	159	105	1503	-	-	1503	198	128
15	Jharkhand	268	128	93	48	44	20	131	60	2609	159/1033	283/2609	2609	408	93
16	Karnataka	673	296	161	46	239	129	273	121	29,152	7004	8265	8265	1589	1589
17	Kerala	293	169	64	39	83	50	146	80	6891			9075	429	282
18	Lakshadweep	4	3	3	3	1	-	-	-	-	-	-	-	-	-
19	Madhya Pradesh	697	503	254	178	73	48	370	277	6931	-	-	6931	1085	1063
20	Maharashtra	702	649	82	77	222	209	398	363	61800 19433(RO)	10,567		61800	4571	3981
21	Manipur	58	58	7	7	26	26	25	25	180			180	Nil	Nil
22	Meghalaya	99	59	25	19	14	9	60	31	3230	299	299	299	35	17
23	Mizoram	22	22	6	6	2	2	14	14	818			538		

Contd..2...

S. No	SPCBs/PCCs	Staffing (Total)		Staffing Pattern						Consents			Hazardous waste generating units		
		Sanc-tioned	In position	Scientific		Technical		Others		No. of industries	Water	Air	Total	No. of industs	Authorizations generated
24	Nagaland	8	7	8	7	-	-	-	-	161	-	-	161	3	3
25	Orissa	198	171	58	49	28	24	112	98	2192			1107	279	153
26	Punjab	552	402	38	19	141	63	373	320		8224	7104	8224	2628	2350
27	Rajasthan	227	195	39	33	57	45	131	117	11402 25211	-	-	5027 18674	414	370
28	Sikkim	10	10	4	4	Nil	Nil	6	6	85	-	-	85	-	-
29	Tamil Nadu	988	697	244	169	228	128	516	400	11086 (R)			10336	2540	2500
30	Tripura	20	18	6	4	5	5	9	9		652		652	135	19
31	Uttar Pradesh	798	576	204	132	177	110	417	334	1670	1091	1004	1091	1940	1351
32	Uttarakhand	99	37	22	11	18	08	59	18	981			981	51	51
33	West Bengal	328	256	66	48	81	72	181	136	4688 + 2466			4688 (COE) 2466(CTO)	614	514
34	Puducherry	9	9	5	5	2	2	2	2	2063			2063	83	80
	TOTAL	8586	6128	1934	1277	2082	1455	4314	3313	254325	56143	48643	195102	30179	25663

3.5 Implementation of Water and Air Acts



CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment & Forests)
Parivesh Bhawan, East Arjun Nagar,

3.5 Assessment of Performance of Implementation of Water and Air Acts by State Pollution Control Boards and Pollution Control Committees

There have been more than 33 years and 26 years since the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution), Act, 1981 are under implementation. It is considered that State Pollution Control Boards (SPCBs) and Pollution Control Committee (PCCs) responsible for implementation of both the Acts, by now, have properly organized themselves and developed adequate capabilities for performing effective functioning. However, there has not been any specific review or any study to reaffirm this fact. For assessing progress on performance of Water and Air Acts, following main issues could be reviewed;

Keeping in place requisite notification/records as per Water and air Acts;
and

- (ii) Standardisation of procedures/system and for having adequate infrastructure (Consent/Cess Management, Surveillance of Industrial Pollution Control Compliance, staffing, Laboratories, etc.)

An attempt has been made to list-out activities which are required to be taken by SPCBs / PCCs and find out whether these have been complied or not. A format designed for collection of information from SPCBs/PCCs is placed at Annexure-I. The State Boards were requested to provide their feed-back and information have been received from ten(10) Boards. While rest of the Boards are reminded for information, efforts have been made to place a note on preliminary findings. Based on study of response from SPCBs following observations are placed;

- (i) SPCBs/PCCs have been constituted in accordance with the composition prescribed under the Water and Air Acts.
- (ii) As per Section 17 (2) of Water and Air Act, SPCBs have followed either getting Board's own laboratory as recognized and have also utilized private laboratory as Board's laboratory. However, Boards/ Committees like Tripura, Chandigarh and Mizoram have not done so and have no recognized laboratory as required under the Acts.

- (iii) Entire/whole of State and Union Territory have been covered by declaring as 'Water Pollution' and Air Pollution Control areas by SPCBs/ PCCs.
- (iv) All SPCBs/PCCs have maintained 'Consent Register' as required under Section 25(6) of the Water Act and Section 51 of Air Act for Public. However, SPCB/PCC like Delhi have indicated on-line consent displaying system as an alternate to consent register.

1

- (v) All SPCBs/PCCs have constituted Appellate Authority as required under Section 28 of the Water Act.
- (vi) There has been mixed stand taken by State Govts/ UT Administrations for making contribution to the State Boards (Section 35 of Water Act, and Section 32 of Air Act).
- (vii) SPCBs are regularly preparing Annual Budget and same are forwarded to State Govts. However, DPCC since not getting any grant from State Govt, is not preparing such budget proposals.
- (viii) Annual Report are not regularly prepared and placed before State Legislature (Section 39 and 35 of Water and Air Acts).

S.No	SPCBs/PCCs	Status of submission of Annual Reports
1	Delhi	2004-05 and 2005-06 under preparation
2	Jharkhand	Not specified (under preparation)
3	Tripura	Not regularly
4	Assam	Prepared for 2005-06 and 2006-07
5	West Bengal	Done regularly
6	Chandigarh	Not done.
7	Orissa	Done regularly
8	Uttarkhand	Yes
9	Sikkim	Yes
10	Mizoram	No

- (ix) Accounts and Audit

Many Boards do not have upto-date statutory audits but, internal audits have been done by majority of them for 2005-06/2006-07(40(1-7) Water Act.

	SPCBs/PCCs	CAG/Internal Audit	Statutory Audit
1	Delhi	2006-07	2004-05
2	Jharkhand	March 05	Auditor not appointed
3	Tripura	2005-06	
4	Assam	Upto March 2007	
5	West Bengal	2004-05	
6	Uttarakhand	2005-06 CAG-2007	
7	Chandigarh	2001-02	
8	Orissa	2005-06	1993-94
9	Sikkim	2006-07	
10	Mizoram	No	No

2

.3.

- (x) Regarding notification State Water and Air Laboratory as required under section 52 of Water Act and Section 28 (a & b) of Air Act and appointment of Government Analyst (section 53 of Water Act and section 29(2) of Air Act), a few Boards have done so and others have not.

S.No	SPCBs/PCCs	State Laboratory		Analyst	
		Water	Air	Water	Air
1	Delhi	No (EPA)	No	No	No
2	Jharkhand	Yes(SPCB)	Yes(SPCB)	No	No
3	Tripura	No	No	No	No
4	Assam	Yes	Yes	Yes	Yes
5	West Bengal	Yes	No	Yes	No
6	Uttarakhand	No	No	No	No
7	Chandigarh	No	No	No	No
8	Orissa	Yes (IMT)	Yes	Yes	Yes
9	Sikkim	Yes	Yes	No	no
10	Mizoram	No	No	No	No

CONCLUSIONS AND FOLLOW-UP

- It has been informed that Boards/Committees will have to give specific attention on;

Laying of Annual Reports
Getting updated Statutory audits
Notifying State Water/Air Labs and Analyst

- Seeking response from remaining SPCBs to collate information for discussing in Conference of SPCBs as one of the Agenda is being followed.

Table-VI

Indicative/ Suggestive Guidelines for
execution of
Schemes identified and sanctioned by
CPCB to SPCBs/PCCs

Central Pollution Control Board (CPCB) has sanctioned following schemes to the State Boards/Committees;

1. Assessment of Pollution from different sources.
 - a) Status of domestic waste water treatment and disposal
 - b) Status of management of Municipal Solid Waste (MSW)
 - c) Status of management of Bio-Medical Waste (BMW)
 - d) Status of management of Plastics waste
 - e) Assessment of Electronic waste

- f) Assessment of batteries waste.
- 2. Industrial Pollution Control
- 3. About SPCB and its activities
- 4. Document on strengthening of SPCB

Brief write-up on each scheme is given in Annexure-II

GUIDELINES

Indicative guidelines for each scheme suggesting contents and references are highlighted against each Scheme. In case of bigger States where information collected is voluminous, separate report on each subject may be brought out. In case of smaller States/UTs, schemes could be clubbed and one consolidated report could be brought out. However, in all cases, it is preferred to bring out report in printed/published form.

Scheme1. ASSESSMENT OF POLLUTION

1.(a) Status of Domestic waste water management.

CONTENTS		
Chapters	Title	Contents
1	Introduction	Urbanisation objective of document
2	Methodology	Data collection and processing of data, Assumptions.
3	Location of towns	Towns depicted on map (State/UT)
4	Status of sewage generation and management	Waste water generation, quality, collection, treatment and disposal.
5	State policies	Sewage treatment/disposal
6	Conclusion/Findings	
7	References/Annexure	

1.(b) Management of MSW

CONTENTS		
Chapters	Title	Contents
1.	Introduction	
2	Objectives	
3	Data collection from towns (Based on Annual Report)	Quality and quality collection, treatment, disposal
4	Overall Scenario	Waste treatment & disposal
5	Good Initiatives	Case studies
6	State Policies	
7	Compliance to MSW Rules	
8	Conclusions/ Findings	

1. (c) Management of BMW

Chapters	Title	Contents
1	Introduction	
2	Status of Authorisations	
3	Treatment of Waste	
4	Compliance Status	<ul style="list-style-type: none"> • Total no. of Hospitals • Total no. of beds • Total Quantity of BMW generated • Total Quantity of waste treatment • Violations and actions taken • Common facilities

5	Constraints / gaps	
6	Conclusions	

.2.

1 (d) Management of Plastics Waste

Chapters	Title	Contents
1	Introduction	
2	Present Scenario	
3	Registrations granted	
4	Inventorisation	
5	State Policy /Rules	
6	Conclusions/ findings	

1. (e) Status of E-Waste Management

Chapter	Title	Contents
1	Introduction	
2	Present Status	
3	Survey conducted/ proposed	
4	Collected information	
5	Findings/ proposed actions	

1 (f) Status of Batteries Waste Management

Chapter	Title	Contents
1	Introduction	
2	Present Status	
3	Survey conducted	
4	Actions proposed	
5	Conclusions/ findings	

Scheme 2. INDUSTRIAL POLLUTION CONTROL (IPC)

A document on Industrial Pollution Control may elicit following points.

No. of industries in the State (Large, Medium, Small)

Categorisation of industries (Red, Orange, Green)

Overall status of IPC in the State (Large, Medium, Small)

Consent Management

Industrial Policy in the State

Status of CETPs

Court cases/ directions

Computerisation of Consent Management

Monitoring mechanism for IPC.

Hazardous Waste Management

Scheme 3. INFORMATION ABOUT SPCB

Please bring the document in printed form as on March, 2007/2008 as per indicative format Annexed (*at Annexure-V-A*).

Scheme 4. STRENGTHENING OF SPCBs

About existing set up of SPCB

Overall achievements of SPCB

Identifying Issues relating to Pollution Control in the State and Goals set.

Needs for accomplishing targets

Monitoring network

Laboratories

Funds

Infrastructure

(Detailed proposed format is placed as Annexure-VI-A)

**STRENGTHENING OF
STATE POLLUTION CONTROL BOARD**

CONTENTS	
Chapters	Title and Contents
1	Introduction : General Introduction to the State, its resources, ecological sensitive areas, urbanization, existing status of environment and required action.
2	Need of this Document (Objectives) : Prepare a comprehensive document indicating plan for strengthening of SPCB to restore environmental quality in the State.
3	Present status of Pollution Control in the State : (ii) Water Quality Status (iii) Ambient Air Quality Status (iv) Industrial Pollution Control - Consents - Complaints - Legal actions - Existing Policies - Committees. (iv) Hazardous Waste Management Municipal Solid Waste (vi) Plastics Waste (vii) Emerging issues * Batteries * Electronic Waste (viii) State-specific issues (ix) Mass Awareness (x) Bio-medical waste
4	Mandates & Activities : (i) Water Act (ii) Air Act (iii) Cess Act (iv) EPA & Rules
5	Present Set up of SPCB : (i) Staffing (ii) Funding (iii) Laboratories (iv) Regional Offices

6. Goals for Pollution Control

	Areas	Existing Status	Required Actions	Needs
i	Water			
ii	Air			
iii	Industrial PC			

iv	Hazardous Waste			
v	Municipal Solid Waste			

1

	Areas	Existing Status	Required Actions	Needs
vi	Plastics			
vii	Sewage			
viii	Bio-medical			
ix	Batteries			
x	E-Waste			
xi	State-specific			
xii	Mass Awareness			
xiii	Any other			

7. Proposal for Strengthening - Needs

7.1 Staff

Existing
Requirement and norms/ justification

7.2 Organogramme

7.3 Laboratories

7.4 Infrastructure

7.5 Regional Offices

7.6 Funding : From State Govt.
Central Government
Revenue

8. References from Central Government

9. Co-ordination of SPCB with State agencies

10. SPCB and Public Involvement

11. Conclusions