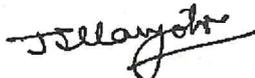


Note from Member Secretary

Schemes approved for 2009-10 will be implemented by the concerned Divisions at Head Office and Zonal Offices. The implementation of Action Plan will be monitored by **Member Secretary**, and will be assisted by the **Additional Director & I/c PCP (ABA)**, **Senior Scientist (SKN)** of PCP along-with financial monitoring by the Finance and Accounts Section. **Divisional and Zonal Officers (ZOs)** are requested to note the following for compliance:

1. Divisions/ZOs will forward write-up along-with quarterly targets (physical and financial) for each scheme to PCP Division and the same will be attached with the proposal of administrative approval.
2. Divisions/ZOs will forward Quarterly Progress Reports (Physical and Financial) at the end of each quarter to PCP Division.
3. Divisions/ZOs will seek Administrative Approvals of each scheme before **31.08.2009**. In case of projects where project period is essential, due justification will be forwarded for extension of project, however, such practice should be avoided.
4. Divisions/ZOs are required to communicate addition/deletion of any scheme to PCP Division for further approval of Competent Authority.
5. Process relating to procurement of laboratory equipment and office equipment should be completed before **October, 2009**.
6. Finance and Accounts Section will forward fund utilization statements to the office of MS/CCB (including PCP) division on monthly basis. Such statement will indicate Project-wise and Division wise expenditures.
7. Divisions and Zonal Offices should indicate activities assigned to each Scientific and Technical Officials (up to level JLA and JRF level) as per AAP along-with details of activities beyond AAP and forward to MS office with copy enclosed to PCP division before **31.08.2009**.
8. Divisional Heads and I/C of Zonal Offices will hold monthly meetings to review the physical and financial progress and submit the monthly review report to MS before **10th of every month**.


(J.S. KAMYOTRA)

Introduction

Central Pollution Control Board (CPCB) constituted under the Water (Prevention and Control of Pollution) Acts, 1974 is a 100% Grant-in-aid institution of the Ministry of Environment and Forests (MoEF), Govt. of India. CPCB serves as a technical wing of MoEF and coordinates with the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for implementation of plans and programmes relating to abatement of pollution. Project and programmes are executed through in-house efforts and with the assistance of Research Institutions like IITs, Engineering Colleges, Universities and R & D Institutions.

In addition to the implementation of Water and Air Acts, CPCB has planned various programmes relating to implementation of Rules framed under the Environment Protection Act, 1986 such as Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008, Bio-medical Waste (Management & Handling) Rules, 1998, Municipal Solid Wastes (Management & Handling) Rules, 2000, Plastics Manufacture, Sale and Usage Rules, 1999, Waste and others.

The plans and programmes identified for 2008-09 are formulated based on the thrust areas identified by the Ministry of Environment and Forests under the National Environment Policy (NEP), 2006 and also as per the issues raised by the State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs).

Functions of CPCB

The functions of CPCB are specified under Section (16) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981. CPCB is also coordinating important activities under the Water (Prevention & Control of Pollution) Cess Act, 1977 and various functions entrusted under the Environment (Protection) Act, 1986 and Rules made there under. Functions of CPCB are specified under Section 16(2) of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 and these are as under:

- Advise the Central Government on any matter concerning prevention and control of water and air pollution and improvement of the quality of air;
- Plan and cause to be executed a nation-wide programme for the prevention and control or abatement of water and air pollution;
- Co-ordinate the activities of the SPCBs and resolve disputes among them;
- Provide technical assistance and guidance to State Boards;
- Carry out and sponsor investigation and research relating to problems of water and air pollution and for their prevention, control or abatement;
- Plan and organize training of persons engaged in programmes on prevention, control or abatement of water and air pollution;
- Organize through mass media, a comprehensive mass awareness programme on prevention, control or abatement of water and air pollution;
- Collect, compile and publish technical and statistical data relating to water and air pollution and measures derived for their effective prevention, control or abatement;
- Prepare manuals, codes and guidelines relating to treatment and pollution and their prevention and control;
- Lay down, modify or annul, in consultation with State Governments, standards for stream and well and lay down standards for the quality of air; and.
- Perform such other functions as and when prescribed by the Government of India;

Achievements of 2008-09

- Water Quality Monitoring is initiated at 1365 stations under Water Quality Monitoring Programme (WQMP).
- Ambient Air Quality Monitoring initiated at 342 stations under National Ambient Monitoring Programme (NAMP).
- Study on risk assessment of pesticides residue in human reproductive system has been completed.
- Study on removal of heavy metals from wastewater treatment with Bio-absorbent has been completed.
- Nine CAAQMS has been commissioned Chennai (2), Bangalore (1), Delhi (3), and Lucknow (3).
- Review of effluent standards for soda-ash industries completed.
- National profile to assess infrastructure for management of hazardous chemicals prepared.
- Performance study of pollution control measures in textile and slaughter houses completed and report is under finalization.
- Thirty one (31) Directions under section 18 (1) (b) of Water and Air Acts, and 25 Directions under section (5) of Environment Protection Act, 1986 issued.
- Four (4) Board Meetings and one Chairman and Member Secretary's Conference organized.
- 170 industrial units inspected under ESS Programme.
- Assessment of odour control in distillery units completed
- Report on performance evaluation of pollution control measures in textile industries completed.
- Performance study of roads constructed using waste plastics coating over aggregate completed and report printed.
- Study on, "Assessment and Establishment of Biodegradability of plastics films," completed.
- Report relating to field study of Bicchri Case finalized.
- Regular inspection of TSDF sites, Bio-medical facilities conducted for verification of compliance as per Rules.
- Stack emission monitoring conducted at Common Bio-Medical Facilities (CBMTF) located at Ghaziabad, AIIMS New Delhi and Karnataka for compliance verification.
- Source apportionment studies in 6 cities completed and draft report finalized.

Thrust areas for 2009-10

- Strengthening and increasing of water and air quality monitoring stations to 1500 and 400 respectively.
- Setting up of continuous ambient air quality monitoring stations in 16 polluted cities as per the directions of Honourable Supreme Court.
- Implementation of Action Plan in 'Critically Polluted Areas' and identification of new areas as critically polluted areas.
- Ensuring compliance of stipulated air and water quality standards in 17- categories of highly polluting industries.
- Enforcement and implementation of Municipal Solid Waste (Management and Handling) Rules, 2000 Biomedical Waste (Management and Handling) Rules,1998, Hazardous Waste (Management Handling and Transboundary Movement) Rules,2008, Battery Waste (Management and Handling) Rules, 2001 and Plastics Manufacture, Sale and Usage Rules,1999, as amended 2003 in the States and Union Territories.
- Strengthening of Central laboratory of CPCB for monitoring of hazardous air pollutants (HAPs) such as dioxins (PCDDs) and Furans (PCDs) etc. and up-grade Zonal laboratories to bring them at par with the Central Laboratory except for the trace organic compounds (TOC).
- Review of emission and effluent standards more than 10 years old and development of emission and effluent standards for highly polluting and critical industries such as distilleries, pulp and paper, tanneries etc.
- Development of inventory of hazardous waste generating units and identification of hazardous waste streams in industrial sectors. Setting of TSDF sites in other States.
- Development of road map for Municipal Solid Waste (MSW), hazardous waste and plastics waste as per the recommendations of CAG.
- Implementation of sector-specific programmes for industrial pollution control in distilleries, Refineries, Iron and Steel Plants, Petrochemical etc.
- Establishment of E-waste recycling faculties in States.
- Implementation of guidelines for mercury waste management.
- implementation of co-processing of plastics waste in cement kilns and use of plastics waste in road construction.
- Implementing co-processing of high calorific value hazardous waste including solvents in cement kilns.
- Development of environmental of information system on GIS platform.
- Hydrogeological interception for maintenance of minimum River flow.
- Pollution control management for distilleries.
- Complete recycling and bio-transformation of Municipal Solid Waste.
- Inventory of red and orange categories of industries.

5.0 Summary of Budget Allocation of the Schemes for 2009-10

Part-A: HEAD OFFICE

Name of the Division/Section	Budget Allocation (Rs. in Lakh)
Pollution Assessment Survey & Monitoring	653.50
Laboratory Management	385.00
Pollution Control Implementation-I	75.00
Pollution Control Implementation-II	101.00
Pollution Control Implementation-III	162.05
SSI Division	136.60
Urban Pollution Control Division & ESS	61.25
Pollution Control Planning Division (PCP)	443.65
PR Hindi and Coordination Cell	86.00
Library	15.20
AS Section	23.00
Training Division	90.00
Hazardous Waste Management	66.00
Building Maintenance	228.50
Computer Division	39.00
TOTAL (A):	2565.75

Part-B: ZONAL OFFICE

Name of the Zonal Office	Budget Allocation (Rs. in Lakhs)
Bangalore	234.00
Bhopal	108.50
Kolkata	150.00
Lucknow & Agra	237.50
Shillong	51.00
Vadodara	103.25
TOTAL (B):	884.25

GRAND TOTAL (A+B) = 2565.75+884.25=Rs.3450.00 Lakh.

5.1 Project Head-wise details of allocation during 2009-10

The allocation made against each major Project Head is summarized as under:

S.No.	Project Heads	Allocation (Rs. in Lakhs)		
		Head Office	Zonal Offices	Total
I	Pollution Assessment-Survey & Monitoring	653.50	168.25	821.75
II	Lab Management	385.00	298.00	683.00
III	Development of Standards and Guidelines	223.10	1.00	224.10
IV	Training	90.00	14.50	104.50
V A	Information (Database) Management	39.00	22.75	61.75
V B	Library	15.20	5.25	20.45
VI	Pollution Control Enforcement	930.65	358.50	1289.15
VII	Pollution Control Technology	78.80	1.00	79.80
VIII	Mass Awareness, Publications & NGO Activities	74.50	11.00	85.50
IX	Hazardous Waste Management	76.00	4.00	80.00
	TOTAL	2565.75	884.25	3450.00

Total Allocation HO & ZOs for 2009-10 : Rs. 3450.00 Lakh

6.0. PLANS & PROGRAMMES OF HEAD OFFICE 2009-10 (SCHEME-WISE ALLOCATIONS)

6.1 Pollution Assessment Survey & Monitoring (PAMS) (Project Head-I)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
1	National Water Quality Monitoring Programme (NWQMP) (ongoing)	125.00
2	Survey of polluted river stretches and preparation of Action Plan (new)	25.00
3	Development of Geographic Information System on water quality and sources of pollution (new)	15.00
4	Survey of problem areas and follow up of implementation of Action Plan (ongoing)	10.00
5	National Air Quality Monitoring Programme (NAMP) (ongoing)	250.00
6	Strengthening of National Air Quality Monitoring Programme (NAMP) (ongoing)	100.00
7	Initiation of PM 2.5 and other air pollutants monitoring as per new draft air quality standards (new)	50.00
8	Epidemiological studies (bio-mass burning) (new)	4.00
9	Interstate water pollution problem (ongoing)	2.50
10	Status of waste management (water, solid waste etc.) in Class-I and Class-II towns (ongoing)	0.00

11	Performance evaluation sewage treatment plants in India (ongoing)	5.00
12	Assessment of groundwater quality in metropolitan cities and class-I towns (ongoing)	20.00
13	Calibration & Evaluation of Air quality monitoring instruments in NAMP stations (ongoing)	12.00
14	Inventory of lakes and wetlands in India (ongoing)	10.00
15	National Noise Quality Monitoring (new)	25.00
	Total:	653.50

6.2 Laboratory Management and R & D (Project Head-II)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
AIR LABORATORY		
1	Operation & Maintenance of Continuous Air Quality Monitoring Stations in Delhi (ITO, DEC and SIRIFORT) (ongoing)	7.50
2	Quality Assurance in Air Quality Measurements (ongoing)	2.00
3	Measurement of Polynuclear Aromatic Hydrocarbon in Ambient Particulates (RSPM) in Delhi (NAMP locations) and need based industries/locations in Delhi. (ongoing)	3.00
4	Sampling and Analysis of VOC using GC-MS/ATD at selected locations in Delhi and Industrial areas in the country. (new)	4.00
5	Assessment of Noise Level in Delhi at NAMP Station and Festival Season. (ongoing)	1.00
6	Monitoring of Benzene in the ambient air of Delhi (passive sampling method) (ongoing)	4.00
7	Auditing of authorized pollution checking centers in Delhi (ongoing)	0.50
8	Operation & Maintenance of Ambient Air Quality Monitoring Stations at seven locations in Delhi (Manual) (ongoing)	8.00
9	Air Quality Assessment in different areas including Traffic Intersections in Delhi) (ongoing)	2.00
10	Standardization and Strengthening of new ambient air quality parameters like Formaldehyde, Hg and other Metals (Cd, Ni, V and As) etc. (new)	3.00
11	Manual Monitoring of Ambient Air quality in five Zonal Offices (each one location) and HQ for reporting in television) (ongoing)	5.00
12	Q & M of SODAR System and Weather Station (ongoing)	2.00
13	Commissioning and Networking of 5 SODAR stations in India (New)	25.00
14	Rain Water Characterization (ongoing)	0.50
15	Setting up of Continuous Air Quality Monitoring Stations in 16 cities as per directions of Honourable Supreme Court & networking of sixteen cities data with central computer of CPCB, Delhi (ongoing)	4.00

16	Development of Infrastructure for measurement of NMHC/Hydrocarbon in source emission. [The study will be initiated after procurement of GC Methanisar in this financial year] (new)	Funds from PCI-II
17	Monitoring of ambient air quality in Himalayan Region (new)	2.00
18	Health exposure study of Petrol Pump due to Benzene pollution in Delhi in collaboration with Medical Institute organization (new)	3.00
19	Physico-chemical characterization of particular matter (PM ¹⁰ and PM _{2.5}) (new)	2.00
20	Industrial Monitoring and Development of Infrastructure of source and fugitive emission monitoring (new)	1.00
	Sub Total:	79.50
WATER LABORATORY		
21	Analytical quality control (AQC/ water) for Central and State Pollution Control Boards, Pollution Control Committees & for laboratories recognized under E. P. Act (including conducting one national workshop on AQC programme) (ongoing)	1.00
22	Analytical quality control (AQC/ Soil and Solid Waste) for Central and State Pollution Control Boards, Pollution Control Committees & for laboratories recognized under E.P. Act (ongoing)	1.00
23	Development of BOD Biosensor for rapid estimation of BOD for 17 categories of industries (Collaborative project with IGB, Delhi) (ongoing)	7.00
24	Sludge Reagent Product (SRP)- An innovative process for water and wastewater treatment- flocculation study and setting up of pilot plant at Bhagirathi water works-Delhi (ongoing)	5.00
25	Contamination status of arsenic and fluoride in ground water and assessment of impact and economic burden on the environment (ongoing)	1.50
26	Characterization of Hazardous waste in TSDF (Treatment, Storage, Disposal Facility) and illegal dump sites (ongoing)	1.00
	Sub Total:	16.50
BIO-SCIENCE LABORATORY		
27	Water Quality Assessment through Biomonitoring in various Aquatic source particularly for water bodies/ river located in an around problem areas (ongoing)	5.00
28	Bio monitoring raw water sources for drinking water supply in Delhi through Artificial substratum (new)	1.50
29	Bio-assessment and Bio-monitoring of River Yamuna from origin to confluence with river Gangs at Allahabad (new)	2.00
30	Water Quality of River Yamuna sponsored by NRCD MoEF (ongoing)	NRCD Funds
31	Performance study of sewage treatment plants in Delhi and Haryana under Yamuna Action Plan (ongoing)	NRCD Funds

32	Ground water quality monitoring of Delhi (NCR) collaboration with water laboratory (new)	1.50
33	Water quality assessment of Thermal Springs (hot springs) in Himalayan sub-region of Uttarakhand State and Himachal Pradesh (Collaborative project with PCRI, BHEL, Hardwar) (new)	2.00
	Sub Total:	12.00
INSTRUMENTATION LABORATORY		
34	Source Apportionment of Ambient Air Particulate in various cities through ED-XRF (collaborative project along with Air lab) (ongoing)	2.00
35	Studies on correlation between TOC, BOD, COD – collaborative project with water lab (ongoing)	2.50
36	Trace metal characterization of solid waste through ED-XRF (ongoing)	3.50
	Sub Total:	8.00
NATIONAL REFERENCE TRACE ORGANIC LABORATORY		
37	Measurement of hazardous organic compounds Dioxin (PCDDs) and Furan (PCDFs) in environmental samples (ongoing)	2.50
38	Volatile organic compounds (VOCs) measurement by purge and trap GC-MS (ongoing)	1.00
39	Standardization of Methodology for measurement of Poly-aromatic Hydrocarbon (PAH) through High Pressure Liquid Chromatography (ongoing)	2.50
40	Monitoring of pesticides residues at national level-sponsored project by Ministry of Agriculture/IARI New Delhi (ongoing)	IARI Fund
41	Operational contract for Air Handling Unit, Electrical & Fire Fighting maintenance (AMC) (ongoing)	6.50
42	Assessment of Persistent Organic Pollutant Residues (POP's) in Human Population of Delhi with Special reference to adverse health effects and Morbidity (collaborative project with UCMS and GTB hospital) (ongoing)	3.50
43	Inventorisation and measurement of unintentionally produced persistent organic pollutants (Dioxin and Furan) in Northern & Eastern States of India (in collaboration with coordination cell) (ongoing)	NIP-UNIDO fund
44	Monitoring of emissions from cement kiln and other Furnaces where high calorific value (plastics) etc. is used (ongoing)	PCP Division fund
	Sub Total:	16.00
TREATABILITY LABORATORY		
45	Indoor & outdoor air-micro flora study at Delhi (ongoing)	3.00
46	Microbial production of ethanol from different waste-starches (ongoing)	3.00
47	Production of hydrogen (H ₂) gas from drainage effluents of Delhi (ongoing)	3.00
	Sub Total:	9.00
INFRASTRUCTURE LABORATORIES: GENERAL		
48	Pilot project in identified cities for involving private	50.00

	participation in the management of Continuous Ambient Air Quality Monitoring Station/Network under the Operation Contract (OC) (ongoing)	
49	Pilot project in identified cities for involving private participation in the management of Continuous Ambient Air Quality Monitoring Station/Network under the Build, Own and Operate (BOO) (ongoing)	10.00
50	Performance evaluation and networking of continuous ambient air quality monitoring station (CAQMS) maintained by industries/ SPCBs/ National Institutes (ongoing)	2.00
51	Inter-laboratory PT participation for analysis of various psycho-chemical including Dioxin and Furan and bacteriological parameters for various laboratories (new)	5.00
52	NABL- Laboratory Accreditation activities (ongoing)	5.00
53	Procurement of instruments, equipment and spare parts for various labs of CPCB (ongoing)	60.00
54	Annual Maintenance Contract (AMC) for various instrument of all laboratories (ongoing)	9.00
55	Service activities for Indo-GTZ projects etc. (ongoing)	2.00
56	Up-gradation of laboratories (Air & Water Labs, Civil, Electrical Air conditioning, furniture etc.) (ongoing)	100.00
57	Recognition of laboratories under The Environment Protection Act (ongoing)	1.00
	Sub Total	244.00
	Grand Total:	385.00
	RE	
	Grand Total including RE	

PCI-I

6.3 Pollution Control Implementation-I (Project Head- III, VI, VII, IX)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-III Development of Standards & Guidelines	
1	Review of effluent standards and development of emission standards for dyes and dye intermediate industries	3.00
2	Guidelines for vapour recovery systems at gasoline filling stations	3.00
3	Preparation of COINDS document & revision of status on pesticides industry	10.00
4	Development of standards for VOC emissions from isolated storage facilities/ marketing installations of petroleum products	2.00
5	Preparation of COINDS document & revision of status on Man Made Fiber Industry	10.00
6	Preparation of COINDS document & revision of status on Paint Industry (new)	10.00

7	Computation of Societal Risk abatement cost and long run marginal financial cost of Hazardous waste incinerator	5.00
8	Development of guidelines for design, operation of tail gas treatment and emission standards for chemical hazardous waste incinerator	2.00
9	Review of Ambient Air Quality Criteria/Standards	2.50
	Sub Total:	47.50
	Project Head-VI Pollution Control Enforcement	
1	Implementation of action points agreed under CREP for Oil refineries and Petrochemical/industries Dyes & Dye intermediates Pharmaceutical & Pesticides Chlor-Alkali & Fertilizer	2.00
2	Monitoring of ground water and soil quality near old petrol pumps and formulating guidelines for under ground storage tanks	2.50
3	Air Quality Monitoring Emission Inventory and Source Apportionment Studies in Indian cities	21.00
4	Implementation of standards and ESS activities	2.00
	Sub Total:	27.50
	Grand Total:	75.00

PCI-II

6.4 Pollution Control Implementation-II (Project Head-III, VI, VII)

Scheme No.	Name of Schemes	Allocations (Rs. in Lakh)
	Project Head-III Development of Standards & Guidelines	
1	COINDS for cement plants (ongoing)	8.50
2	Development of Guidelines and environmental standards for use of Hazardous waste in Cement Industry (new)	10.00
3	Assessment of air pollution from cement plants using petcoke as fuel (new)	10.00
4	Development of COINDS on primary copper, lead & zinc industries (ongoing)	1.00
5	Revision of Comprehensive Document (COINDS) for Aluminium Industry (ongoing)	1.00
6	Development of guidelines for the management of solid waste and hazardous waste generated in Integrated Iron & Steel Industry (MECON) (ongoing)	0.00
7	Review of notified standard and development of Clean Technology for BOD Plant of Steel Industry	0.50
8	Development of environmental standards and guidelines for pollution prevention for non-recovery type coke oven plant (in house) (ongoing)	0.50
9	Development of guidelines for control of fugitive emission in integrated steel plant (new)	8.00
10	Development of emission factor for various units of an integrated steel plant	10.00

11	Preparation of Comprehensive industry document on explosive manufacturing unit (Extension of Scheme)	6.00
	Sub Total:	55.50
	Project Head-VI Pollution Control Enforcement	
1	Performance evaluation of flue gas desulphurization system installed in India Thermal Power Plants	1.00
2	Techno-economic feasibility of ammonia/ SO3 flue gas conditioning system for reduction of particulate matter in thermal power plants	5.00
3	National Task force for Thermal Power Plant & Iron & Steel Industry	1.00
4	Implementation of pollution control measures in TPPs, iron & steel industry, cement industry, Ph, Cu & Zn smelting units (including stationery, telephone, transportation & salary of JRF)	4.00
5	Standardization of monitoring and analysis procedures for by-product recovery type coke oven emissions (in house)	0.50
6	Preparation of environmental status report on coal mines (extension of scheme)	3.00
7	Energy efficient/ clean technology adoption in few air polluting industries	3.00
8	Standing committee on Emissions from RIC Engines for off road applications	1.00
9	National Committee on Noise Pollution Control	1.00
10	Implementation of noise/emission standards for generator sets	0.50
11	Compliance testing of fire-crackers	1.00
12	Ambient noise monitoring in Delhi	0.50
	Sub Total:	21.50
	Project Head-VII Pollution Control Technology	
1	Description of clean technology and development of environmental standards for limestone mining	7.00
2	Development of guidelines for co-combustion and co-gasification of coal with biomass and wastes (include straw, wood, sewage sludge, refuse derived fuel (RDF), agricultural wastes, paper sludge and tyre derived fuel	5.00
3	Development of clean technology and environmental standards for bauxite mining	3.00
4	Assessment of fugitive emissions and development of environmental guidelines	5.00
5	Development of Clean Technology and environmental standards for sintering plant of steel industry (MECON)	NIL
6	Development of Clean Technology and environmental standards for Ferro-Alloys Industry	4.00
	SubTotal:	24.00
	Grand Total	101.00

PCI-III

6.5 Pollution Control Implementation-III (Project Head-III, VI, VII)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-III Development of Standards & Guidelines	
1	Development of guidelines for water conservation in sugar mills	4.00
2	Revision of COINDS for Maeteries & Breweries	5.00
3	Revision of COINDS for soft drink industries	5.00
4	Development of guidelines for water conservation in distilleries	1.50
5	Guidelines for utilization of spent wash for composting (ongoing)	5.00
6	Revision of COINDS for slaughter houses including effluent standards	5.00
	Sub Total:	25.50
	Project Head-VI Pollution Control Enforcement	
1	Status of sewage treatment in India (Revision)	0.50
2	Performance status of common effluent treatment plants (Revision)	0.50
3	Control of pollution in NCR (EPCA activities)	8.50
4	Performance efficiency evaluation of bio-gas digesters & two stage aeration system and treatability study of two stage aeration system for distillery effluent	6.00
5	Training programme on Slaughter house	5.00
6	ESS activities -PCI-III Division	6.00
7	Performance of air pollution control system in sugar mills	4.00
8	Performance evaluation of air pollution control system in Pulp & Paper industry	10.00
9	Inventorisation and environmental management status of Pulp & Paper industries (new)	10.00
10	Study on design of liner system for storage of effluents and prevention of GW pollution from Coffee processing industry (new)	5.00
11	Assessment of the performance of lignin removal plants (LRP) (ongoing)	15.00
12	Demonstration of RO technology in Pulp and Paper Industry (new)	15.00
13	Training Programme on Textile Industry	5.00
14	Pollution control in 17 category	0.25
15	Inventorisation of red category of industries	10.00
16	Monitoring of ESS inspection and follow up actions	2.00
17	Pollution control in problem areas	2.00
18	Industrial pollution control along rivers and lakes	0.50
19	Study on environmental status of a few industrial estates/ areas	10.00
	Sub total:	115.25
	Project Head-VII Pollution Control Technology	

01	Utilization of distillery effluent as a source of nutrient for crop production in different agro-climatic regions of India	0.30
02	Status report on textile industry	3.00
03	Status report on slaughter houses	3.00
04	Wastewater management for textile sector in Tirupur and industrial units in Erode	6.00
05	Treatability study on electrochemical flocculation for removal of colour from textile industry effluents	3.00
06	Treatment and reuse of evaporator's condensable in distilleries	3.00
07	Feasibility study on chemical treatment of distillery effluent- treatment of waste from distilleries (carmol) w.r.t. color removal	3.00
	Sub Total:	21.30
	Grand Total:	162.05

6.6 SSI Division (Project III, VI, VII)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-III Development of Standards & Guidelines	
1	COINDS for soaps & detergents (ongoing)	2.00
2	COINDS for plaster of Paris (ongoing)	0.00
3	Revision of COINDS on tanneries (ongoing)	5.00
4	Design of web based CD for Material Safety Data Sheet	2.50
5	Development of environmental Standard guidelines for automobile service station (ongoing)	5.10
6	COINDS for pickling industries and development of environmental standards	6.00
7	COINDS: for electro furnaces and induction furnaces	0.00
8	Development of comprehensive industry document & environmental standards for re-rolling mills	10.00
9	Development of Guidelines and standards for plywood industry (ongoing)	14.50
10	Environmentally Sustainable Production Capacity for Certain SSI Sector	10.00
11	Finalization of COINDS on secondary Zinc Smelting Units	1.00
12	Development of comprehensive industry document & environmental standards for small scale paint industry	10.00
13	COINDS for brick kilns	8.00
14	COINDS for Hot mix plant	10.00
15	Promotion of cleaner productions in Electroplating industries	1.00
16	Development of environmental standards and COINDS for glue and gelatin industry	1.00

17	Comprehensive industry document and environmental standards for activated carbon manufacturing industries	8.00
18	COINDS for Poultry Industry	0.50
	Sub Total:	94.60
	Project Head-VI Pollution Control Enforcement	
18	CREP implementation for Tannery Sector (ongoing)	1.00
19	COINDS for electroplating industries	0.00
20	Environmental management in beehive coke over plants	10.00
	Sub Total:	11.00
	Project-VII (Pollution Control Technology	
21	Evaluation and improvements in design of clamp kiln (on going)	10.00
22	Demonstration plant for natural gas based brick kilns (on going)	3.00
23	Inventorisation of SSI units (through SPCB's)	12.00
24	Demonstration Plant for Recovery of Chromium from Leather Shavings	5.00
25	Green House Gas Emissions Accounting in SSI units	1.00
	Sub total:	31.00
	Grand Total:	136.60

6.7 Urban Pollution Control Division (UPCD) and ESS

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Vehicular Pollution Control	
1	Ambient Air Quality Status of Kolkata with reference to Ozone, VOC's Aldehydes	9.00
2	Assessment of Aldehydes, Ketones and Methane emissions in Vehicle exhaust, using different fuels (Petrol, Diesel, LPG, CNG, Ethanol in Petrol, Biodiesel and Hythane)	10.00
3	Auditing of PUC centers in ZO of CPCB	6.00
4	Assessment of vehicular pollution problems in religious/tourist places & development of action plan	3.00
5	Spatial Environmental Planning Programme Compilation of on going activities	7.50
6	Eco-city	1.00
	Sub Total:	36.50
	ESS (P-VI)	
1.	Pollution Control in 17 Categories (OG)	0.25
2.	Inventorisation of red-categories of Industries (OG)	10.00
3.	Monitoring of ESS inspection & follow-up (OG)	2.00
4.	Pollution Control in Problem Areas (OG)	2.00
5.	Industrial Pollution control along rivers & lakes (OG)	0.50
6.	Study on environmental status of a few industrial estates (OG)	10.00
	Sub Total:	24.75
	Grand Total:	61.25

6.8 Pollution Control Planning Division (PCP)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-VI Pollution Control Enforcement	
1	Co-ordination with SPCBs including assistance for subject specific programmes (ongoing)	100.00
2	Office co-ordination (including Parliamentary matter, salaries of Directors, Additional Directors, ESS Staff, scientific and technical staff of projects office infrastructure/ furniture, stationery to finance, administration and legal enforcement charges (ongoing)	122.15
3	Construction of Zonal Office building (ongoing)	5.00
	Sub Total:	227.15
	Municipal Solid Waste Management (MSW)	
4	Implementation of MSW Rules, 2000, Demonstration Projects and specific programmes (ongoing)	150.00
	Sub Total:	150.00
	Plastics Waste Management (PWM)	
5	Implementation of Plastics Manufacture & Usage (Amendment) Rules, 2003 (demo projects, TCE, Maduari, CIPET, Chennai etc. Salary of JRF, TA/DA, Stationary Charges, Meeting Expenses etc.) (ongoing)	25.50
6	Environment Impact Assessment due to Plastics Waste Disposal etc. (IITR Lucknow)	9.00
7	Assessment of plastics waste generation in India (new)	20.00
	Climate Change Co-ordination	
8	Guidelines for CO ₂ emission reduction in Transport and Power Sectors (new)	12.00
	Sub Total:	66.50
	Grand Total:	443.65

6.9 PR Cell and Hindi Section (Project Head- VIII)

Scheme No.	Name of Schemes	Allocations (Rs. in Lakh)
	Mass Awareness, Publications & NGO Activities	
01	Exhibitions/ Workshops/ Mass Awareness Activities and Preparation of exhibition materials (ongoing)	16.50
02	Publication of CPCB Technical Reports (ongoing)	15.00
03	Advertisements (ongoing)	15.00
04	Operation & upkeep of Conference Halls, Committee Rooms & Training Hall, Hospitality Arrangements and strengthening of PR Activities (ongoing)	19.00
05	Environmental information system related activities – funded by MoEF separately (ongoing)	00.00
06	Implementation of Raj-Bhasha (Hindi)	4.00
	Sub Total:	69.50
Coordination Cell (VI, VII & IX)		

01	Coordination for pollution abatement projects including: a. Industrial pollution Abatement through preventive strategies b. Pollution Abatement through Cleaner Technologies c. Guidelines for Mobile Tower Base Station Installation d. Standardization of CETPs/FETPs norms at Gujarat e. Capacity Building project in respect of Emission Monitoring & Control in collaboration with Govt. of Finland f. High Power Committee on Statutory Clearances g. Follow-up with MoEF related matters h. Coordination of activities related to development of building for Zonal Offices of CPCB	4.00
02	'Measures in relation to unintentionally produced POPs (Dioxins and Furans) covering Northern and Eastern States of India' - a UNIDO project	UNIDO Fund
03	Biomimetic Sequestration of CO ₂ into Calcium Carbonate Using Immobilized Enzyme and Whole Cell Bioreactor	1.50
04	Development of implementation strategy for Hg management in Fluorescent Lamp Sector	1.00
05	Assessment of Hazardous Air Pollutants in selected Industrial sector and development of protocols for monitoring of hazardous Air Pollutant in the certain critically polluted areas of the country	10.00
	Sub Total:	16.50
	Grand Total:	86.00

6.10 Library (Project Head -V (B))

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
1	Library Management & Up-gradation	
(i)	Purchasing of books, newspaper and magazine	2.00
(ii)	Subscription to journals and periodicals	2.00
(iii)	Renovation of the library	9.20
(iv)	Automation of library	1.00
(v)	Binding of journals and damaged publications	1.00
	Total:	15.20

6.11 AS Section (P-VI & VIII)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-VI Pollution Control Enforcement	
1	National level & regional level conference of Chairmen & Member Secretaries of CPCB/ SPCBs/PCCs	6.00
2	Staff salary (one DEO)	2.00
3	Board Meeting including TA/DA of members	8.00
4	Redressal of public complaints	1.00
5	Follow-up of corporate responsibility for Environmental Protection (CREP)	0.50

6	Application received under Right to Information Act	0.50
	Sub Total:	18.00
	Project Head-VIII Mass Awareness, Publications & NGO Activities	
07	Financial assistance to NGOs for conducting programmes on Abatement of Pollution & Community Action Programme	1.00
08	Training programme for NGOs on prevention & control of pollution	3.00
09	Interaction meet with NGOs	1.00
	Sub Total:	5.00
	Grand Total:	23.00

6.12 Training (Project Head-IV)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
01	Training (a) National Training (b) International Training	77.00 10.00
02	Ecomark (ongoing)	0.50
03	Design, development and implementation of Integrated Environmental Management Systems in CPCB premises (ongoing)	2.50
	Total:	90.00

6.13 Hazardous Waste Management Division (Project Head -IX)

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
1	Implementation of Hon'ble Supreme Court's Directives on Management of Hazardous Waste and related activities (ongoing)	2.00
2	Organization of Regional Training's or Workshops for the officials of Pollution Control Boards on HW Dumpsites and Remediation of HW Dumpsites (ongoing)	5.00
3	Review of assessment of HW Dumpsites and Review of rehabilitation plans of the HW Dumpsites and related matters (ongoing)	3.00
4	Development of guidelines and evolving criteria for remediation of contaminated sites (new)	10.00
5	Solidification/Stabilization of heavy metals in hazardous waste (IISc, Bangalore) (new)	5.00
6.	Identification of hazardous waste streams, their characterization and waste minimization options in pesticide sector(Additional Products) (ongoing)	4.00
7.	Registration of the HW recycling/ reprocessing/ re-refining industries and related activities (ongoing)	10.00
8.	Environmentally sound technologies for E-waste recycling (ongoing)	3.00
9.	Characterization of residue and spent clay generated from Used oil re-refining (ongoing)	7.00
10.	Inspection of Health Care and Bio medical/ Waste Treatment Facilities (ongoing)	1.00

11.	Monitoring of the implementation of BMW Rules in Health Care facilities (ongoing)	2.00
12	Evaluation of State of Art treatment technologies for Bio-medical waste management (ongoing)	1.00
13.	Organization / sponsoring of programmes on Bio-medical waste management (ongoing)	3.00
14.	Implementation of Battery Rules (ongoing)	0.00
15.	Waste identification, characterization, minimization and management in Hazardous Waste (Schedule 4 items, used oil and waste oil) recycling units (new)	10.00
Total:		66.00

6.14 Building Project (Project Head-VI)

S.No	Name of Schemes	Allocations (Rs in Lakh)
Building Project (P-VI)		
1	Maintenance of Parivesh Bhawan building (ongoing)	50.00
2	Miscellaneous civil work in Parivesh Bhawan (ongoing)	5.00
3	Renovation of toilets in administrative wing (ongoing)	10.00
4	Painting of walls upto window level of entire building (new)	5.00
5	Renovation of Basement Hall and procurement of modular furniture for Building Division staff (new)	20.00
6	Renovation of PCP division (new)	10.00
7	Replacement of MF panel of old 160 KVA DG set including Battery and its repairing/ servicing (new)	5.00
8	Replacement of distribution board of CPCB (new)	2.00
9	Implementation of recommendation of energy audit solar lighting systems and spot light in CPCB (new)	9.00
10	Replacement of LT Panel including switch and bus couplers in sub station (new)	15.00
11	Replacement of LT Panel including switch and bus couplers in sub station (new)	16.00
12	Modernization of Fire fighting and detection system (new)	15.00
13	Fuel, maintenance and hiring/running of vehicles (ongoing)	41.50
14	Replacement of three monitoring vehicles (ongoing)	25.00
Total:		228.50

6.15 Computer Section (Project Head-V (A))

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
Project Head-V (A) Computer Division		
1	Operation, Maintenance & Strengthening of Computer Network (ongoing)	15.00
2	Environmental Data Bank (ongoing)	5.00

3	On-line access of emission data from major industries (ongoing)	5.00
4	Development of data-base for various activities of CPCB (new)	7.00
5	Real time data transmission from Continuous Air Quality Monitoring Stations of Delhi to CPCB's website (ongoing)	2.00
6	Website maintenance and up-dation (ongoing)	2.00
7	Development of computerized system for streamlining the process for inspection of industries and follow-up actions (ongoing)	3.00
Sub Total:		39.00

7.0 PLANS & PROGRAMMES OF ZONAL OFFICES 2009-10

7.1 Zonal Office-Bangalore

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
Project Head-I Pollution Assessment Survey & Monitoring		
1	Surveillance of NAMP Stations	0.75
2	Surveillance of NWMP Stations	0.75
3	Monitoring of Inter state river water quality monitoring in Southern Zone	0.50
4	Monitoring of lakes in Bangalore	1.00
5	Air Pollution modeling in Cochin area, Kerala	1.00
6	Networking of CAAQM stations in Bangalore and Chennai	1.00
7	Ground Water Quality Study (Monitoring and modeling and remediation) in Ranipet, Tamilnadu	4.00
8	Chemical characterization (anions, cations, PAHs) of Ambient Particulate matters in major cities of South Zone	2.50
9	Assessment of pesticides in three major rivers of south zone	2.50
10	Bio monitoring of Tungabhadra river, Karnataka	1.00
11	Environment impact of tourisms at important at important tourist destination in south zone	3.00
12	Environmental status of Pondicherry	2.00
13	Industrial pollution survey and monitoring of Mettur region (Salem), Tamilnadu	5.00
Sub Total:		25.00
Project Head-II Laboratory Management		
14	Operation & Maintenance of mobile lab	1.00
15	Operation, maintenance and development of stationary lab including procurement of new instruments	20.00
16	Development of infrastructure at new building	80.00
17	Activities related to NABL accreditation (ongoing)	1.00

	Sub Total:	102.00
	Project Head-IV Training	
18	Workshop on Hazardous Air Pollutants	2.00
19	Awareness workshop on mercury waste	2.00
20	Workshops on operation & maintenance of CAAQMS	2.00
	Sub Total:	6.00
	Project Head-V (A) Information (Database Management)	
21	Operation of local area networking system and its peripherals including procurement of new items	5.00
	Sub Total:	5.00
	Project Head-V (B) Library	
22	Development of library & infrastructure including procurement of journals books etc	1.00
	Sub Total:	1.00
	Project Head-VI Pollution Control Enforcement	
23	Verification of compliance of standards by industries in southern zone including ESS	15.00
24	Payment towards electricity, water, rent, salary for project staff	50.00
25	Follow up of Court Directions	2.00
26	Monitoring of STP, CETP, TSDF and CBMWTF MSW projects and verification of compliance in problem area	8.00
27	Infrastructure development of hazardous wastes analysis and its management	5.00
28	HAP studies in important industrial estates, problems areas and in important southern states along with indoor pollution studies	7.00
29	Fish processing units and their wastewater and solid waste treatment facilities	1.00
30	Compliance of standards/ guidelines by stone crushers and store quarries located in and around Bangalore region	2.00
31	Compliance of standards/ guidelines by Sponge iron industries in southern zone	2.00
32	Assessment of Non-point source of pollution of river in Goa.	2.00
	Sub Total	94.00
	Project Head-VIII Mass Awareness, Publications & NGO Activities	
33	Organizing mass awareness programmes in High School and Pre-University Colleges & public places (ongoing)	1.00
	Sub Total:	1.00
	Grand Total:	234.00

7.2 Zonal Office-Bhopal

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-I Pollution Assessment Survey & Monitoring	
01	Surveillance of ambient air and water quality monitoring stations under NAMP/NWMP (ongoing)	5.00
02	Ground water quality monitoring including heavy metals in selected regions of Madhya Pradesh	3.00
03	Inventorization and assessment of pollution load in Bhilwara Industrial Area, Rajgarh and Chattigarh	2.00
04	Ambient air and noise level monitoring during Diwali festival 2009 and procurement of noise meter and RDS (02 nos. each)	12.00
	Sub Total:	22.00
	Project Head-II Laboratory Management	
05	Development of laboratory and monitoring facilities including operation & maintenance of existing laboratory including payment towards rent, electricity, security (ongoing)	15.00
06	Operation & maintenance of surveillance vehicle and purchasing of two new vehicles on buy back basis (ongoing)	16.00
	Sub Total:	31.00
	Project Head-IV Training	
07	Nomination of Officers/Staff for training/workshops (ongoing)	2.00
	Sub Total:	2.00
	Project Head-V (A) Information (Database) Management	
08	Operation & maintenance of computers (ongoing)	1.00
	Sub Total:	1.00
	Project Head-V (B) Library	
09	Development of library, subscription of journals and purchase of CDs (ongoing)	1.00
	Sub Total:	1.00
	Project Head-VI Pollution Control Enforcement	
10	Pollution Control Enforcement including salary of staff, telephone charges etc.	25.00
11	Monitoring of STPs in Central Zone	1.50
12	Performance evaluation of CETPs, which are in operation in Madhya Pradesh and Rajasthan	2.50
13	Monitoring of TSDFs for verifying the compliance of HW rules	1.00
14	Monitoring of CBMWTFs in MP, Chattisgarh and Rajasthan for verification of compliance of guidelines in management of waste	2.50

15	Monitoring of Captive hazardous waste incinerator for compliance verification	1.50
16	Inspection of industries under ESS activity including purchasing of stack monitoring kit	8.00
17	Verification of application for "Actual Users"	2.00
18	Up-gradation of data and holding of workshop on environment management in sponge iron plant in Chhattisgarh	3.50
	Sub Total:	47.50
	Project Head-VIII Mass Awareness, Publications & NGO Activities	
19	NGO co-ordination meeting	3.00
20	Mass awareness among children about if effects of burning of crackers during Diwali	1.00
	Sub Total:	4.00
	Grand Total:	108.50

7.3 Zonal Office-Kolkata

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-I Pollution Assessment Survey & Monitoring	
1	Surveillance of air and water quality monitoring stations	2.50
2	Environmental status of coastal aquaculture	1.00
3	O & M of air quality monitoring at Canning under Male Declaration (ongoing)	9.00
4	Interstate river monitoring (ongoing)	2.00
5	In-depth studies of red categories of industries in Durgapur & Rourkerla (ongoing)	1.00
6	Studies of HAP in coke oven plants	1.00
7	Arsenic mobilization in ground water of West Bengal and Bihar and validation of the latest research findings on mobilization (new)	1.50
8	Fluoride contamination status of ground water in Bihar, Orissa and West Bengal	0.50
9	Characterization of PM ₁₀ and PM _{2.5} in ambient air of Kolkata and rural area (new)	10.00
10	Environmental Impact of open cast mines in eastern part of India (new)	1.00
11	Environmental impact of agrochemicals in North 24-Paraganas and Bardhaman district, West Bengal (new)	1.00
12	Environmental status of starred hotels in Kolkata (new)	0.50
13	Environmental status of Jaipur, Orissa (new)	2.00
	Sub Total:	33.00
	Project Head-II Lab Management	
14	Strengthening, O & M of laboratory including procurement of sophisticated lab equipment and salary of SRFs/ JRFs, electricity, telephone, society and others	40.00

15	Procurement of chemicals, glassware & filter paper etc. (ongoing)	6.00
	Sub Total:	46.00
	Project Head-IV Training	
16	Nomination for training programme/ workshops etc. (ongoing)	2.00
17	Mass awareness programme (ongoing)	2.00
	Sub Total:	4.00
	Project Head-V (A) Information (Database) Management	
18	Database management (on going)	3.00
	Sub Total:	3.00
	Project Head-V (B) Library	
19	Development of library (on going)	0.50
	Sub Total:	0.50
	Project Head-VI Pollution Control Enforcement	
20	ESS Inspection under related activities like performance of TSDF, CBMWTF, STP, CETPs, salaries etc. (ongoing)	40.00
21	Running and maintenance of vehicles in execution of plan activities (on going)	3.50
22	Renovation of old office at 247, Deshpran Sashmal Road, City Market, Kolkata-33	20.00
	Sub Total:	63.50
	Grand Total	150.00

7.4 Zonal Office-Lucknow

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-I Pollution Assessment Survey & Monitoring	
1	Operation and maintenance of Ambient Air Quality Monitoring Station at Lucknow (including salary component)	6.00
2	Operation and maintenance of Ambient Air Quality Monitoring Station at Kanpur	9.00
3	Characterization of PM10, PM 2.5 in ambient air of identified city in north zone	1.00
4	Inspection of NAMP and MINARS stations	1.00
5	Operation and maintenance of vehicles and purchase of new monitoring vehicle	10.00
6	Monitoring of Inter state rivers (new)	2.00
7	Pollution assessment in few pharma units in north zone	0.50
	Sub Total:	29.50
	Project Head-II Laboratory Management	
8	Lab operation and maintenance (including salary	15.00

	component)	
9	Lab development (purchase of new instruments eg. GC AAS, Noise Level Meter, dragger tube, multi parameter kit, weather station etc.)	30.00
10	Development of conceptual plan for mobile lab and purchase of chassis	10.00
11	Laboratory and building development (purchase of furniture)	10.00
	Sub Total:	65.00
	Project Head-III Development of Standards & Guidelines	
12	Documentation of process waste disposal (solid waste) from leather and allied industries in north zone	0.50
13	Documentation of technologies for re-processing of used oil	0.50
	Sub total:	1.00
	Project Head-V (A) Information (Database) Management	
14	Information (Data Base) Management (including salary of DEO)	5.00
	Sub Total:	5.00
	Project Head-V (B) Library	
15	Library development	1.00
	Sub Total:	1.00
	Project Head-VI Pollution Control Enforcement	
16	Monitoring of common facilities (CETP CBMWTF, TSDF, STP)	3.00
17	ESS activity and joint inspection with MoEF (including salary component)	5.00
18	Maintenance of office building (including salary component)	5.00
19	Salary of Scientific and Technical Officer	60.00
20	Environment quality monitoring in Singrauli area (Banwasi Sewa Ashram)	6.50
21	Assessment of pollution load in selected industrial estates in H.P. / J&K	2.00
	Sub Total:	81.50
	Project Head-VII Pollution Control Technology	
22	Performance evaluation of new treatment technologies in highly polluting industries	1.00
	Sub Total:	1.00
	Project Head-VIII Mass Awareness	
23	Mass awareness and training	2.00
	Sub Total:	2.00
	Project-IX Hazardous Waste Management	
24	Impact of waste disposal (MSW & Hazardous) practices on ground water case study	3.00

	Sub Total:	3.00
	Total:	189.00
	Project Office- Agra	
	Project-I Pollution Assessment-Survey & Monitoring	
1	Operation & Maintenance of 4 Ambient Air Quality Monitoring Stations in Agra	20.00
2	Aerosol profile in PM ₁₀ & PM _{2.5}	4.00
3	Ambient Air Quality in TTZ	3.00
4	Development of facility for analyses transition metals and cyanide for ambient air samples	5.00
5	Operation & Maintenance of BAM & SODAR	5.00
	Sub Total:	37.00
	Project-II Lab Management	
6	Purchase of one noise level meter with computer accessories	2.00
7	Characterization of rain water samples at Agra and Lucknow	1.00
	Sub total:	3.00
	Project-IV Training	
8	Training	0.50
	Sub Total:	0.50
	Project-V(A) Information (Data Base) Management	
9	Data Base Management at Agra Office	1.75
	Sub Total:	1.75
	Project-V (B) Library	
10	Development of Library, purchase of journals, Newspapers, Books	0.25
	Sub Total:	0.25
	Project-VI Pollution Control & Implementations	
11	ESS, Implementations, Public complaints, Parliament questions, interaction, with local Govt./meetings inspections & Rajbhasha	4.00
	Sub Total:	4.00
	Project-VIII Mass Awareness, Publication & NGO Activities	
12	Mass awareness activities	2.00
	Sub Total:	2.00
	Total:	48.50
	GrandTotal:	237.50

7.5 Zonal Office-Shillong

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-I Pollution Assessment Survey & Monitoring	
1	Co-ordination with State Boards (including visit) regarding strengthening & implementation of various Rule/Regulations; Surveillance of NAMP	0.50

	and WQM (on going)	
2	Vehicular emission load of Shillong	0.50
3	Hazardous wastes recyclers and random cross checking of HW generating industries in NE States as per Honourable SC Direction	0.50
4	Water quality assessment in major International/Interstate boundary rivers, polluting river stretches and lakes in the NE region	1.00
5	Environmental Impact of unorganized slaughtering in Meghalaya & Nagaland	0.50
6	Assessment of Ambient air and water quality in and around Coal mining areas of Jamanatia hills	0.50
7	Assessment of Pollution Load of Amingaon Industrial Area of Assam	1.00
8	Assessment of Ambient Air Quality in NE State Capitals	0.50
9	Status of MSW Management in Assam	0.50
10	Effect on air environment in Lumshnong, Meghalaya the cement capital of North East	1.00
11	Environmental status of coal mining areas of Assam & Arunachal Pradesh	1.00
12	Impact of Jhum Cultivation on Ambient Air Quality in Assam-Nagaland-Arunachal Pradesh	0.50
13	Bio mapping of Barak River and its Tributaries	0.50
	Sub Total:	8.50
	Project Head-II Laboratory Management	
14	Strengthening and Development of laboratory (including rent for lab building and new Lab furniture for laboratory)	10.00
15	Operation and maintenance of laboratory including salary of JRF and security personnel	5.00
	Sub Total:	15.00
	Project Head-IV Training	
16	Nomination for training/workshop	1.00
	Sub Total:	1.00
	Project Head-V (A) Information (Database) Management	
17	Database management	2.00
	Sub Total:	2.00
	Project Head-V (B) Library	
18	Development of library (Purchase of books, periodicals etc.)	0.50
	Sub Total:	0.50
	Project Head-VI Pollution Control Enforcement	
19	ESS and other Related Activities (Surprise Inspection, Public Complaints, CREP Compliance, Joint Inspection with MoEF)	15.00
20	Monitoring implementation of MSW mega-projects in NE states; assessment of environmental quality in dumping areas, monthly hired vehicle expenditure	6.00
21	Running and maintenance of monitoring vehicle	2.00
	Sub Total:	23.00

	Project Head-VIII Mass Awareness, Publications & NGO Activities	
22	Organizing mass awareness programme Training to the Teachers of Degree Colleges/ High School	1.00
	Sub Total:	1.00
	Grand Total:	51.00

7.6 Zonal Office-Vadodara

Scheme No.	Name of Schemes	Allocations (Rs in Lakh)
	Project Head-I Pollution Assessment Survey & Monitoring	
1	Surveillance of water quality and ambient air quality monitoring stations	0.50
2	Interstate river monitoring in Gujarat and Maharashtra	2.00
3	Assessment of ground water quality in and around common secured landfill sites in Gujarat & Maharashtra	2.00
4	Performance studies of CETPs, STPs in Gujarat & Maharashtra	2.00
5	Evaluation of the compliance of the provisions of the Bio-medical Rules (M&H) 1998 in the CBWTFs and Health Care Establishments of Armed Forces in Gujarat and Maharashtra (new)	2.00
6	Assessment and performance evolution of common Hazardous Waste Incinerators in Gujarat and Maharashtra (new)	0.50
7	Study on status of Environment in Vadodara (new)	2.00
8	Study on status of environment in Iron and Steel plants in Maharashtra state (new)	1.50
9	Environmental status of on shore oil fields in Gujarat state (new)	0.75
	Sub Total:	13.25
	Project Head-II Laboratory Management	
10	Strengthening, operation & maintenance of laboratory and office procurement of some instruments and new vehicle for monitoring (new)	30.00
11	Annual maintenance contracts of instruments	3.00
12	Running and maintenance of vehicles	3.00
	Sub Total:	36.00
	Project Head-IV Training	
13	Registration fees and TA/DA for attending the training programmes	1.00
	Sub Total:	1.00
	Project Head-V (A) Data Base Management	
14	Up-gradation of Data Base Management, updating of existing computers, comprehensive annual maintenance contract, LAN, EPABX etc. (new)	5.00
	Sub Total:	5.00

	Project Head-V (B) Library	
15	Development of library (new)	1.00
	Sub Total:	1.00
	Project Head-VI Pollution Control Enforcement	
16	ESS programmes and public complaints	25.00
17	Maintenance of Parivesh Bhawan (new-office-cum-lab)	20.00
	Sub Total:	45.00
	Project Head-VIII Mass Awareness, Publications & NGO Activities	
18	Creation of Mass awareness Programmes (organizing training programme for teachers, and organizing other awareness programmes for school children)	1.00
	Sub Total:	1.00
	Project Head-IX Hazardous Waste Management	
19	Registration of hazardous waste recycling industries (New)	1.00
	Sub Total:	1.00
	Grand Total:	103.25
