

This document contains 40 pages.

C=17/5/18

ADMINISTRATIVE APPROVAL

(2018-19)



**Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,**

Delhi-110 032

(May, 2018)

**CENTRAL POLLUTION CONTROL BOARD
PARIVESH BHAWAN
EAST ARJUN NAGAR
DELHI - 110 032**

No. VP/AAP/PCP/2018-19

Date: 11.05.18

ADMINISTRATIVE APPROVAL: BUDGET YEAR 2018-19

1. Budgetary Head of the Project : Budget Head of CPCB

2. Title of the Schemes with budget details :
 - I. Pollution Assessment (Survey & Monitoring)
 - II. Scientific, Technical Activities & R&D Activities
 - III. Industrial Pollution Control (Standards, enforcements & technologies)
 - IV. Training & Awareness
 - V. Information (Database) Management
 - VI. Waste Management & Urban Pollution Control

Budget details annexed as Annexure-I

3. Objective : Monitoring of environmental quality viz Air, Water & Noise for overall improvement in environmental quality to meet the norms through prevention and abatements of pollution to ensure healthy environment.

4. Project Coordinators : Details annexed in **Annexure-II**

5. Project Executing Agency : Central Pollution Control Board, HO & Regional Directorates

6. Duration of project : Financial Year 2018-19

7. Recommended by : Coordinator for individual Projects
8. Technically approved by :  17/05/18
Sh. A. Sudhakar
(Member Secretary)

9. Approval

In exercise of the powers conferred under sub-rule (5) of Rule 7 of the Water (Prevention and Control of Pollution) Rules, 1975, I hereby accord administrative approval to the Projects to be executed at CPCB during the Financial Year 2018-19 for Sanctioned Budget of Rs. 100.00 Crore. The Sanctioned Budget of Rs 100.00 Crore is divided into three Sub Heads (Salary: Rs 61.00 Crore, Capital Asset: Rs 04.00 Core and General Head: Rs 31.00 Crore) and the expenditure on the projects specified in Table 6.1 to 6.27 for Head Office and 7.1 to 7.6 for Regional Directorates envisaged in the approved Annual Action Plan of CPCB for 2018-19 (Annexed as Annexure-III) will be met from sanctioned grant of the Central Board for the year 2018-19 and debited to the above Project Head. Addition of any new scheme and re-appropriation of budget from one scheme to another shall be done only after prior approval.


(S.P.S. PARIHAR)

Chairman

Copy to:

- (i) PCP Division
- (ii) Accounts Section
- (iii) P.S. to Member Secretary
- (iv) P.S. to CCB
- (v) Concerned officials

17/05/18


(S.P.S. PARIHAR)

Chairman

ANNEXURE-I**Project Head-wise Budget Allocation for 2018-19:**

Budget Heads	Title of the Budget Head	Allocation (₹ in Lakh)		
		Head Office	Regional Directorate	Total
I	Pollution Assessment (Survey and Monitoring)	305.4	89	394.4
II	Scientific, Technical Activities and R&D Activities	943.5	458.5	1402
III	Industrial Pollution Control(standards, enforcements and technologies):			
	a) Standard Development ,	105.1	-	105.1
	b) Enforcement	5568.5	1737	7305.5
	c) Technology	8	-	8
IV	Training and Awareness:			
	a) Training Programmes	125	17.5	142.5
	b) PR, Mass Awareness Programmes & Hindi ,	96	7.5	103.5
	c) Library	21	5.5	26.5
V	Information (Database) Management	222	29	251
VI	Waste Management and Urban Pollution Control	239.5	22	261.5
	Total	7634	2366	10000

ANNEXURE-II

Activity Number	Budget Head	Name of the Division/Section	Project Coordinators
6.1	I- Pollution Assessment (Survey and Monitoring)	WQM-I (Water Quality Assessment and Monitoring)	Shri R. M. Bhardwaj, Sc-'E'
6.2		WQM-II (Rejuvenation of Ganga)	Shri A.K. Vidyarthi, Sc-'E'
6.3		AQM (Air Quality Management)	Dr. Prasanta Gargava, Sc-'E'
6.4	II-Scientific, Technical Activities and R&D Activities	Air Laboratory	Shri V.K. Shukla , Sc. D
6.5		Trace Organic Laboratory	Shri. Sanjay Kumar, Sc-'D'
6.6		Water and Waste Water Laboratory	Shri. B.K. Jakhmola, Sc-'E'
6.7		Instrumentation Laboratory	Shri. B.K. Jakhmola, Sc-'E'
6.8		Biological Laboratory	Dr. Sanjeev Agarwal, Sc-'E'
6.9	III-Industrial Pollution Control (standards, enforcements and technologies)	IPC-I : Chemical industries	Shri Gurnam Singh, Sc-'E' Shri Dinabandhu Gouda, Sc-'E'
6.10		IPC-II : Energy, Metallurgical	Shri Nazimuddin, Sc-'E' Dr. S.K. Palliwal, Sc-'D'
6.11		IPC-III: Agro Based	Shri. P.K. Mishra, Sc-'E'
6.12		IPC-IV: Animal Products	Shri N.K. Gupta, Sc-'E'
6.13		IPC-V: SSI	Dr. D.S. Kharat, Sc-'E'
6.14		IPC-VI: Industrial Pollution Coordination	Shri P.K. Gupta, Sc-'E'
6.15		IPC-VII: Industrial Clusters and Enforcement	Shri Ajay Agarwal, Sc-'E'
6.16		Law (Law-I & II)	Shri A. Sudhakar, Sc-'E'
6.17		Building	Shri Dinabandhu Gouda, Sc-'E'
6.18		Pollution Control Planning (PCP)	Shri V. P. Yadav, Sc-'E' Ms. Divya Sinha, Sc-'E'
6.19	IV-Training and Awareness	Public Relation Section & Library	Shri Abhay Singh Soni , Sc-'E' Shri G. Ganesh, Sc-'D' Ms. Anamika Sagar, Sc. D
6.20		ETU (Environmental Training Unit)	Shri M.Varghese, AO
6.21		Hindi Cell	Shri Sheetal Prasad, AO (OL)
6.22	V-Information (Database) Management	Information Technology	Shri S. Sudhakar, Sc-'E' Shri Aditya Sharma, Sc-'D'

6.23	VI- Waste Management and Urban Pollution Control	UPC-I (Urban slaughter House, Noise assessment, DG sets, Railways & Air Ports, odour management)	Shri Suneel Dave, Sc-'E'
6.24		UPC-II (Plastic Waste Management & Solid Waste Management)	Dr. S. K. Nigam, Sc-'E'
6.25		WM-I (Waste Management- Remediation & Policies, Biomedical & battery)	Shri Vinod Babu, Sc-'E'
6.26		WM-II (Waste Management, authorization of recyclers & TSDF)	Shri Bharat K. Sharma, Sc-'E'
6.27		WM-III (Electronic Waste Management)	Shri Anand Kumar, Sc-'E'
Regional Directorates			
7.1	I-VI	Bangalore	Shri S. Suresh, Sc-'E'
7.2	I-VI	Bhopal	Dr. P.K. Behra, Sc-'E'
7.3	I-IV	Kolkata	Shri R. C. Saxena, Sc-'E'
7.4 & 7.4(a)	I-VI	Lucknow & Agra	Shri S.K. Gupta, Sc-'E' Shri Kamal Kumar, Sc-'D'
7.5	I-VI	Shillong	Shri. Z. Changsan, Sc-'E'
7.6	I-VI	Vadodara	Shri. B.R. Naidu, Sc-'F'

ANNUAL ACTION PLAN

(2018-19)



Central Pollution Control Board,
PariveshBhawan, East Arjun Nagar,
Delhi-110032
(May, 2018)

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1.0: Introduction

Central pollution Control Board (CPCB) constituted under the Water (Prevention and Control of Pollution) Acts, 1974 is a 100% Grant-in-aid organization of Ministry of Environment, Forests & Climate Change (MoEF&CC), Govt. of India. CPCB serves as a technical wing of MoEF&CC and co-ordinates 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 institutions like IITs, CSIR Labs, Engineering Colleges, Universities and other R&D Institutions. The functions of CPCB are mentioned below.

(a) Function of the Central Board at the National Level

- 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, control or abatement of water and air pollution;
- Co-ordination of activities of the State Board and resolve disputes among them;
- Provide technical assistance and guidance to the 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 programme on the prevention, control or abatement of water and air pollution;
- Organize through mass media, a comprehensive mass awareness programme on the prevention, control or abatement of water and air pollution;
- Collect, compile and publish technical and statistical data relating to water and air pollution and the measures devised for their effective prevention, control or abatement;
- Prepare manuals, codes and guidelines relating to treatment and disposal of sewage and trade effluents as well as for stack gas cleaning devices, stacks and ducts;
- Disseminate information in respect of matters relating to water and air pollution and their prevention and control;
- Lay down, modify or annual, in consultation with the State Governments concerned, the standards for stream or well, and lay down standards for the quality of air;
- Perform such other function as may be prescribed by the Government of India.

(b) Functions of the Central Board as State Boards for the Union Territories

Advise the Government of Union Territories with respect to the suitability of any premises or location for carrying on any industry which is likely to pollute a stream or well or cause air pollution; Lay down standards for treatment of sewage and trade effluents and for emission from automobiles, industrial plants, and any other polluting source; Evolve efficient methods for disposal of sewage and trade effluents on land; develop reliable and economically viable methods of treatment of sewage, trade effluent and air pollution control equipment; Identify any area or areas within Union Territories as air pollution control area or areas to be notified under the Air (Prevention and Control Pollution) Act, 1981; Assess the quality of ambient water and air, and inspect



wastewater treatment installations, air pollution control equipment, industrial plants or manufacturing process to evaluate their performance and to take steps for the prevention, control and abatement of air and water pollution.

As per the policy decision of the Government of India, the CPCB has delegated its powers and functions under the Water (Prevention and Control of Pollution) Act, 1974, the Water (Prevention and Control of Pollution) Cess Act, 1977 and the Air (Prevention and Control of Pollution) Act, 1981 with respect to Union Territories to respective local administrations. CPCB along with its counterparts State Pollution Control Boards (SPCBs) are responsible for implementation of legislation relating to prevention and control of environmental pollution.

2.0 : Reforms Measures and Policy Initiatives:

Central Pollution Control Board (CPCB) is focusing on strengthening of ambient air quality monitoring network for assessment of air quality at national, regional and local level. NAMP stations operated through State pollution control Boards need further strengthening to monitor all notified parameters for ambient air, besides emphasis is being given for establishment of Continuous Ambient Air Quality Monitoring Stations (CAAQM) in all major cities.

The manual water quality monitoring network is being expanded further, realizing the need for establishment of a network of real time water quality monitoring stations on river Ganga to ensure that water quality is monitored continuously to see the impacts due to the various initiatives taken

Efforts are being made for strengthening of the compliance mechanism, so that no untreated industrial effluent is discharged into the environment. Installation of online effluent and emission monitoring systems in 17 category of polluting industry and data connectivity with SPCB/CPCB is a step towards self-monitoring and transparency.

Efforts are being made for improving the performance of existing sewage treatment plants (STPs) and adopting non-conventional technologies that are in synergy with the conventional methods for improving the water quality in particular that of river Ganga and its tributaries.

Initiatives are being taken for water conservation in Industries through process modification and adoption of state of art technology. Zero liquid discharge concepts shall be applied wherever possible to conserve the water and protect the environment.

Challenges of Municipal Solid Waste Management and domestic sewage treatment would be given utmost attention.

3.0: Review of Past Performance

Targets and Achievements (2017-18)

Outcome of various activities of CPCB during financial year 2017-18 is briefed as below:



Assessment and Monitoring of Pollution

- Operation and maintenance of 691 manual Ambient Air Quality Monitoring Stations (AAQMS)
- Operation and maintenance of 14 continuous ambient air quality monitoring stations(CAAQMS)
- CPCB has developed a network of real time data from CAAQM stations being operated by CPCB, SPCBs and PCCs. This data is provided to all stake holders and being published in public domain for taking corrective measures in time. In the beginning of the year 2017, CPCB network has data connected from 54 stations in 33 cities spread, which has been expanded to total 114 stations located in 62 cities during 2017-18
- In view of anticipated air pollution problem in NCR during winter season, 40 CPCB teams were deployed during September 2017 to various parts of Delhi for providing ground feedback on air polluting sources and implementation status of graded action plan. Traffic congestion, dumping of construction & solid waste, waste burning, road dust resuspension were identified as prominent air polluting sources.
- Clean Air for Delhi Campaign was organized jointly by MoEF&CC and Government of Delhi wherein the teams comprising of senior officers of MoEF&CC, DPCC, CPCB, MCD and Delhi Police made extensive field visits to identify the major air polluting activities and create public awareness in Delhi.
- Operation of 3000 Water Quality Monitoring Stations (WQMS) at various aquatic resources.
- A Water Quality Management Plan on River Hindon has been prepared based on assessment of water quality of the river and its tributaries. Quantification of municipal and industrial wastewater load reaching from the urban centres were also incorporated
- 70 National Ambient Noise Monitoring Network (NANMN) stations have been installed spreading over 10 cities and data is being disseminated.

Industrial Pollution Control

- During the year 2017-18, standards for 8 industrial sectors i.e. Sewage Treatment Plant, Fertilizer Industry, SO₂ and NO_x standards for- Industrial Boilers Ceramic, Foundry, Glass, Lime Kiln and Reheating Furnaces were notified. Standards for Airport Noise are under stage of final notification. Further, draft notification for Paint, Man-made fibre and Brick Kiln have been released
- CPCB, Delhi, has undertaken a project on 'Monitoring, sampling and analysis for ambient air quality, surface water quality and ground water quality in around 100 Polluted Industrial Areas (PIAs)' during 2017-18 in order to assess the present environmental quality status by engaging third party monitoring agencies. The monitored data will be applied for evaluation of Comprehensive Environmental Pollution Index (CEPI) as per the 'Revised CEPI Concept-2016'. All the monitoring agencies have already completed the monitoring of ambient air, surface water and ground water quality in all the identified 100 PIAs located across the country during December, 2017 to March, 2018 and report preparation is under progress
- Out of 3444 targeted industries under 17 categories, 2668 industries have installed the On line continuous effluent / emission monitoring system (OCEMS) and connected with server and 757 industries have been issued closure directions due to non-installation of OCEMS

- CPCB started a scheme of inspection of 17 categories of highly polluting industries based on computer generated SMS alerts due to violation of effluent and emission standards recorded in OCEMS. On monthly basis these SMS alerts are assessed sector wise and high SMS alerts generating industries are selected for further inspection to verify the compliance status. Further those industries which did not submit data in last 48 hours (off line mode) and whose data variation does not exceed more than $\pm 5\%$ are also selected for further inspection to verify the compliance status
- A joint declaration of intent (JDI) has been signed between CPCB, GIZ GMBH and the German federal environment agency, UBA on 30th January, 2018 for the development of BREF/COIND document for the textile industry sector covering the best available techniques adapted to the Indian context.
- CPCB has prepared revised COINDS on Slaughter Houses. The document on "Characterization, Waste Management Practices and best Available Pollution Control Technologies in Slaughter Houses" been prepared and also uploaded in CPCB website
- Compendium of Indian Standards on Slaughter Houses" has been finalized by MoEFCC in consultation with CPCB to ensure compliance by the Slaughter Houses in the country

Control of pollution in Ganga

- All the 1109 Grossly Polluting Industries (GPIs) in the Ganga Basin PIs have been inspected and action has been taken against non-complying unit. Out of 538 non-complying units, 358 units have been issued Closure Direction under Section 5 of Environment (Protection) Act, 1986.
- Adequacy assessment of all the Distillery and Sugar units have been carried out. Draft Charter for Sugar and Distillery have been prepared.
- During 2017-18 the connectivity of OCEMS has been increased from 403 to 753 GPIs. OCEMS guidelines and protocol has also been prepared.

Waste Management:

- Prepared 13 Standard Operating Procedures (SOP) for utilization of hazardous wastes (generated from various industrial process) as resource or energy recovery after conducting trial studies. The SOPs outline utilization process details, operational parameters, pollution control measures, environmental standards, checklist of minimal requisite facilities etc.
- As mandated in the E-Waste (Management) Rules, 2016 mandate CPCB prepared guidelines on implementation of E-Waste Rules, which included specific guidelines for extended producer responsibility, collection centres, storage, transportation, environmentally sound dismantling and recycling, and refurbishment. Also, SoPs for evaluation of EPR Applications was finalized during this year
- Prepared technical guidelines to help stakeholders in implementing the Bio-medical Waste Management Rules, 2016
- Capacity Building Programme on Implementation of Waste Management Rules, 2016 was launched during 2017-18
- Development of Guidelines maintaining Buffer Zone restricting any residential commercial or any other construction activity from outer boundary of the waste processing and disposal facilities for different sizes of facilities handling more than five tons per day of solid waste
- Published Consolidated Guidelines, for Segregation, Collection, Treatment & disposal of plastic waste.

Training, Mass Awareness and Environment Data Bank:

- Implementation of Raj-Bhasha (Hindi) in CPCB and organizing Hindi Diwas, Workshop and Training Programmes for CPCB officials.
- Published technical and scientific reports and mass awareness.
- Conducted national training programmes on various environmental pollution and prevention areas. During the year 2017-18, twenty-two training programmes were scheduled & organized by Environmental Training Unit (ETU) through reputed training/R&D/Professional institutes in various priority areas related to environment

4.0 Proposed Budget for year 2018-19

Proposed Activities for 2018-19

- Strengthening of ambient air and water quality monitoring network.
- Establishing real time water quality monitoring stations on river Ganga and other major rivers to assess the water quality on real time basis.
- Expansion of continuous ambient air quality monitoring network to cover million plus cities and state capitals.
- Strengthening of the compliance mechanism, so that no untreated industrial effluent is discharged into the environment
- Improving the performance of existing sewage treatment plants (STPs) and adopting non-conventional technologies which is in synergy with the conventional methods for improving the water quality of river Ganga and its tributaries.
- Emphasis on Waste Management.
- Operation and maintenance of Laboratory and its management.

Priority Areas

Management of

- Solid waste
- Air Quality
- Water Quality
- Domestic Waste Water

Online monitoring of

- Monitoring of ambient air quality on real time basis in CEPI areas and million plus cities and state capitals
- Monitoring water quality of river Ganga on real time basis
- Online monitoring of emission and effluent quality in 17 categories of highly polluting industries and GPI discharging into river Ganga and its tributaries.

Inspection of industries

- Discharging in river Ganga or its tributaries
- Based on NGT Directions
- Based on online monitoring data received from industries



5.0 : Budget Allocation for 2018-19

5.1 : Project Head-wise Budget Allocation for 2018-19:

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

Budget Heads	Title of the Budget Head	Allocation (₹ in Lakh)		
		Head Office	Regional Directorate	Total
I	Pollution Assessment (Survey and Monitoring)	305.4	89	394.4
II	Scientific, Technical Activities and R&D Activities	943.5	458.5	1402
III	Industrial Pollution Control(standards, enforcements and technologies):			
	d) Standard Development ,	105.1	-	105.1
	e) Enforcement	5568.5	1737	7305.5
	f) Technology	8	-	8
IV	Training and Awareness:			
	d) Training Programmes	125	17.5	142.5
	e) PR, Mass Awareness Programmes & Hindi ,	96	7.5	103.5
	f) Library	21	5.5	26.5
V	Information (Database) Management	222	29	251
VI	Waste Management and Urban Pollution Control	239.5	22	261.5
	Total	7634	2366	10000



5.2: Sub-Head-wise Break up of grant-in-aid (Plan Funds)				
Regional Directorate	General	Capital Assets	Salary	Total (Lakhs)
		(Lakhs)	(Lakhs)	
Bengaluru	134.5	12	350	496.5
Bhopal	107	12	186	305
Kolkata	138	12	350	500
Lucknow/Agra	274.5	15.5	285	575
Shillong	84.5	10	80	174.5
Vadodara	133	12	170	315
RD Total	871.5	73.5	1421	2366
Head Office				
WQM-I	142.7			142.7
WQM-II	-			0
AQM	162.7			162.7
Air Laboratory	523			523
Trace Organic Laboratory	60	156.5		216.5
Water and Waste Water Laboratory	30			30
Instrumentation Laboratory	34	80		114
Biological Laboratory	40	20		60
IPC-I	67.1			67.1
IPC-II	30			30
IPC-III	49			49
IPC-IV	22			22
IPC-V	45			45
IPC-VI	25			25
IPC-VII	27			27
Law (Law-I & II)	86.5			86.5
Building	420	70		490
PCP	161		4679	4840
ETU	125			125
PR& Hindi, library and Grievances	117			117
Information Technology	222			222
UPC-I	84.5			84.5
UPC-II	50			50
WM-I	30			30
WM-II	30			30
WM-III	45			45
Head Office Total	2628.5	326.5	4679	7634
Grand Total (RD+HO)	3500	400	6100	10000

6.0: PLANS & PROGRAMMES OF HEAD OFFICE 2017-18

6.1: Water Quality Management-I (WQM-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-I	
1.	Water Quality Monitoring at 3000 stations under NWMP and addition of new WQMS (ongoing) salary of project staff, travel etc. ; Operation and maintenance of Real time water quality monitoring stations and development of GIS Based Web Portal on Water Quality	142.7 00 (Project cost is Rs.1500 Lakh; Additional fund requirement from MoEF&CC is Rs.1357.3 Lakh)
	Grand Total	118.70

Shri R.M. Bhardwaj , Sc. E
Coordinator


Signature

6.2: Water Quality Management-II (WQM-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-I	
1.	Rejuvenation of Ganga (Namami Ganga)	Funds to be provided from sanctioned project of Ministry of Water Resources
2.	Activities undertaken regarding NGT matters, studies, report preparation, public complaints, VIP references etc	Funds from AAP-2018-19 from concerned IPC

Shri A.K. Vidyarthi, Sc.E
Coordinator


Signature



6.3: Air Quality Management

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I		
1	Air quality source identification, investigation and regular hotspot inspections in Delhi NCR	To be covered under EPC
2	Implementation of Graded Response Action Plan (GRAP) in Delhi NCR	
3	Implementation of Comprehensive Action Plan (CAP) in Delhi NCR	
4	Research Advisory Monitoring Committee Meetings	5.0
5	Development of city specific Action Plans for non-attainment cities	2.0
6	Development of guidelines for Indoor Air Pollution	2.0
8	O & M cost under NAMP (Monitoring and analysis expenses to SPCB/ ; PCCs and other agencies)	153.7 (Project cost is Rs.1911 Lakh; Additional fund requirement from MoEF&CC is Rs.1757.3 Lakh)
Grand Total		162.7

Dr. Prashant Gargava, Sc. E

Coordinator


Signature



Laboratories

6.4: Air

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head	Project Head-II - Scientific, Technical and R&D Activities	
1	Laboratory Operation and Upgradation: AMC/CMC of Laboratory Equipment/Instrument, All system operations (Laboratory & Field Insurance of Man and Machines, calibration of equipment /instrument), QA/QC, procurement of spares etc, Salary of project staff, travel etc	80
2	NAMP & Meteorology Procurement of chemicals, filter papers, glassware, AMC of PM2.5 sampler, conveyance, transportation, electricity bill, Procurement of consumable for sampler(PM2.5), Procurement of Infrastructure for data Centre	48
3	CAAQMS Purchase of data under O&M contract for 12 No. CAAQM Stations(Delhi ,Lucknow, Chennai and Bangalore +New Stations), Purchase of calibration gases, O&M of DOAS System in Delhi, Coordination with SPCBs for setting up CAAQMS, meeting, TA/DA	385
4	Surveillance Activity & Auditing	10
5	Procurement of Analyzer/Equipment: Procurement of HPLC System (1 No.), GC- MS (1 No.), Equipment (PM2.5 & PM10- 12 No.)sampler, Total Organic Carbon Analyser, One set (8 Nos.) mass flow controllers (MFCs) with Control unit, refrigerator	MoEF&CC be requested to carry forward Rs.1.8 Crore allocated during 2017-18 under Cess Funds
	Grand Total	523

Shri V.K. Shukla, Sc. D



Coordinator

Signature



6.5: Trace Organic

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head	Project Head-II - Scientific, Technical and R&D Activities	
1	Procurement of Solvents/Chemicals/Glassware/Reference Standards/CRMs and other consumables	10
2	Monitoring of micro pollutants (pesticides and heavy metals) in water and sediments of River Ganga	3
3	Annual Maintenance Contract for Air Handling Unit, HRMS and other equipment/instruments analytical gases, insurance of assets/staff/spares etc..	30
4	Inter-laboratory PT Participation for HQs Laboratory & CPCB Regional Directorate Laboratories	7
5	Analytical Capacity development for various parameters (Eldrin, Mirex, Toxaphene, Marker (WHO/Indicator) and Dioxins like PCBs, Antibiotics, Alkanes, Phenolic compounds, etc.)	10
6	1 GCs(Shimadzu)used for Analysis of Organo-phosphorus Pesticides Synthetic Pyrethroids & PCBs	35
7	1 HPLC (Agilent)used for Analysis of PAHs & Carbamates	65
8	1 Stack Sampling Kit (Apex Instruments)used for sampling of Dioxin-Furan in Stack Emission	50
9	6 Refrigerators(Godrej / Samsung / LG / Electrolux)used for preservation of Standards & Extracts	1.3
10	10 Visicoolers (Celfrost) used for preservation of Standards & Extracts	5.2
	Grand Total	216.5 (SHCA: 156.5)

Shri Sanjay Kumar, Sc. D

Coordinator


14/05/2018
Signature



6.6: Water & Waste Water

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head	Project Head-II - Scientific, Technical and R&D Activities	
1	Analytical quality control Program (Ongoing and in collaboration with instrumentation laboratory)	5
2	Purchase of chemicals , glasswares, certified reference materials, miscellaneous items, spares, AMC, refilling of gases, insurance of assets, lab staff and imprest (on-going)	25
	Grand Total	30.00

Shri B.K. Jhakhmola, Sc. E

Coordinator


Signature

6.7: Instrumentation

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-II - Scientific, Technical and R&D Activities		
1	Annual Maintenance Contract of various Instruments, purchase of Spares, Refilling of gases, insurance of assets and lab staff, salary of project staff, travel etc.	22
2	Recognition of environmental laboratories under the E(P)A 1986 (Collaborative activity with NRTOL)	2
3	Trace Metal characterization of waste water and sludge generated from CETPs using Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-AES) (on going)	5
4	Elemental Characterization of PM _{2.5} at various locations of Agra (on going)	5
5	Purchase of (i) Atomic Absorption Spectrometer (ii) Water Purification System (iii) Mercury Analyser	80
	Grand Total	114 (SHCA: 80)

Shri B.K. Jhakhmola

Coordinator


Signature



6.8: Biological

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
BIO-SCIENCE LABORATORY (BL)		
	Project Head-II - Scientific, Technical and R&D Activities	
1	Analytical services to other Divisions etc. (Routine activity). (Procurement of media & chemicals;; Procurement of plasticwares/ glasswares/ field instruments;; ILC/PT Exercises;; Manpower; Calibration of Instruments/ Glasswares; AMC of Instruments/ equipment; Contingency)	10
2	Assessment of water quality of River Ganga using biological tools such as toxicity tests, microbiological testing and in-situ testing of benthic invertebrates	To be covered under NMCG
3	Development/strengthening of biological analysis/testing including onsite training at Central/State/Regional level CPCB/SPCBs/PCCs) in the various water bodies in India (Procurement of Stereo Zoom microscope and sampling kit- ; Sampling/transportation/TA/DA ;; Training material : ; Contingency including logistics:)	50
	Grand Total	60 (SHCA: 20)

Dr. Sanjeev Aggarwal, Sc. E

Coordinator

Signature

14/05/2018

Industrial Pollution Control

6.9: Industrial Pollution Control-I (IPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Preparation of COINDS & revision of status on Pesticide Industry (on going)	15
2	Preparation of COINDS on Pharmaceutical Industry and Development of Emission Standards including VOCs (ongoing)	25
3	Projects on Review of Environmental Statements w.r.t Dye & Dye Intermediate Industries of CSIR- NCL, Pune	2.1
Project Head – III (b) Enforcement		
4	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, ESS activities, Public Complaint investigation and Court matters, telephone, stationary, travel etc.	25
Grand Total		67.1

Shri Gurnam Singh, Sc. E

Shri Dinabandhu Gauda, Sc. E

Coordinator

Signature



6.10 Industrial Pollution Control-II (IPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1	Implementation of standards, implementation of pollution control measures, enhancing pollution compliance status and improving enforcement mechanism, Public Complaint investigation and Court matters	30
Grand Total		30.00

Shri Nazimuddin, Sc. E

Dr. S.K. Paliwal, Sc. D

Coordinator

Signature



6.11: Industrial Pollution Control-III (IPC-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Development of Reference documents /COINDS in the textile sector in collaboration with UBA & GIZ as per joint declaration of intent signed by CPCB, UBA & GIZ	10
2	Environment waste management in Coffee Estates and preparation of guidance document fo Coffee Estates (New) & Revision of Bio-composting guidelines w.r.t utilization of MEE concentration in composting	6
Project Head – III (b) Enforcement		
3	Implementation of Pollution control measures, enhancing pollution compliance status and enforcement mechanism, implementation of standards, surveillance activities, Public Complaint investigation and Court matters, salary of project staff, travel etc.	25
Project head – III (c) Technology		
4	Performance evaluation of zero liquid discharge (ZLD) RCF based Pulp & Paper Mills and preparation of guidance document	3
5	Performance evaluation of incineration boilers used for spent wash incineration in distilleries	5
Grand Total		49.00

Shri P.K. Mishra, Sc. E



Coordinator

Signature

6.12 Industrial Pollution Control-IV (IPC-IV)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Revision of standards for Dairy industries (In-house)	6
2	Development of COINDS on Sea Food Processing Industries (In-house)	6
Project Head – III (b) Enforcement		
3	Compliance of environmental standards in 17 category of highly polluting industries - Tannery (In-house) & Court Matters	10
Grand Total		22.00

Shri N.K. Gupta, Sc. E

Coordinator

Signature



6.13: Industrial Pollution Control-V (IPC-V)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-III (a) : Standard Development		
1	Study of Kolhus for assessment of pollution caused by units (In-house project)	5
2	Siting Criteria for Hot Mix Plants (In-house project)	5
3	Siting Criteria for Ready Mix Concrete plant.	5
4	Development of Environmental Standards for Calcined Petroleum Coke	10
5	Development of Environmental Standards for Pyro Metallurgical Extraction of Copper from Copper Scrap/Waste. Includes salary of project staff	10
Project Head – III (b) Enforcement		
6	Enforcement of Environmental standards for SSI Sector like Glass industries, Potteries, Coal Gasification, Induction furnace, Foundry, Stone crusher, Brick Kiln, Hot Mix Plant, Paraboil Rice Mill, Automobile Service stations; NGT Inspection Tours and Report Preparation; Procurement of Stationary , AMCs, etc.	10
Grand Total		45.00

Dr. D.S. Kharat, Sc. E

D.S.K.
11.10.18

Coordinator

Signature

6.14: Industrial Pollution Control-VI (IPC-VI)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1	Co-ordination with SPCBs/PCCs for compliance status of 17 categories of industries, Red/Orange/Green category of industries, GPI, uploading information on India E-track, Co-ordination with IPC I-IV for compliance status of industries inspected under SMS alert and status of installation of OCEMS in 17 categories of industries	25
Grand Total		25.00

Shri P.K. Gupta, Sc. E

PKL
14/5/18

Coordinator

Signature

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6.15: Industrial Pollution Control-VII (IPC-VII)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1	CEPI Monitoring in Polluted Industrial Areas	14
2	Compliance status monitoring of Common Effluent Treatment Plant (CETP)	9
3	Criteria Development under Ecomark scheme	4
Grand Total		27.00

Shri Ajay Aggarwal, Sc.E

Coordinator



Signature

6.16: Law

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head – III (b) Enforcement		
1.	Follow up of Court matters payment of Advocate fee, salary of project staff, travel etc.	86.5
Grand Total		86.50

Shri A. Sudhakar, Sc. E

Coordinator

Signature

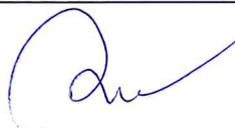


6.17: Building

S. No	Name of Schemes	Allocations (₹ in Lakh)
Building Project {P-III (b) – Enforcement}		
1	Maintenance of Parivesh Bhawan Building, (a) AMC/CMC of Elevators, EPABX System, APFC panel, D.G. Set, Air Conditioner (Window & Split), ACVHS/VRF system (Air, Water and NRTOL lab), Fume Hoods (Air and Water lab.) Electrical sub-station, VCB, U.P.S, Water Purification System, Photocopier, Franking machine, General Pest Control, Fire Fighting & Alarm System etc. Procurement of Electrical materials etc.(b) Outsourcing of Manpower for Housekeeping Building maintenance, Lawn etc., Security Services at Parivesh Bhawan and Air Quality Monitoring Stations. Payment of Electricity bills, Water bills, PRE level, Telephone/Mobile bills Data Cards, MCD Tax and Ground Rent of Parivesh Bhawan, etc., Procurement of Cleaning Materials Electrical, Stationary including 02 nos. computer System, Printer, UPS etc., salary of adhoc project staff, Booking of Air and Train Tickets.	345
2	Upgradation of Fire Fighting & detection system (i)Upgradation of Fire Fighting system (jockey pump Diesel engine induction motors, Hydrants, Sprinkler System and electrical panel of Fire Fighting system).(ii) Procurement of fire safety materials (iii) Upgradation of existing EPABX System.,	25
3	Miscellaneous Electrical works in Parivesh Bhawan.(A) Replacement of 02 Nos old 500 KVA transformer with OLTC type 750 KVA transformer.LT, Emergency panel, Floor electrical panels including electrical cabling.(B)Centralized UPS system ateach floor including re-organizing of all electrical, telephone, internet cabling at all floors including basement in cable trays. (C) New copper earthing for lighting arrestors (roof top of 5th floor) Electrical substation, including AMC of earthings.(D)Replacement of existing old 02 nos. water lifting pump, motors, water pipes including electrical panel etc.(E)Replacement of existing lighting system with energy efficient LED lights (Reception, Library, 2nd floor corridors etc.)(F) Procurement of professional display system (LED) for training hall, committee room, reception, etc.	50
4	Fuel, maintenances, insurances, road tax, hiring of vehicles & purchases of 02 nos. vehicle for monitoring purposes (ongoing) (against condemned vehicles).	70
	Grand Total	490 (SHCA: 70)

Shri Dinabandhu Gauda, Sc. E

Coordinator



Signature



Pollution Control Planning, PR Section & Library, Hindi

6.18: Pollution Control Planning (PCP)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-III (b) Enforcement	
1	Office co-ordination (Parliamentary matters, infrastructure/ furniture, stationery and other expenditure including project staff for administration, finance, legal, MS/CCB Sections, travel etc.	125
2	Salary of CPCB Staff	4679
3	Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	1
4	Coordination with SPCBs, Organization of National level and Regional level Conference of Chairmen & Member Secretaries of SPCBs/PCCs	15
5	Board meetings including TA/DA of members	10
6	Redressal of Public Complaints/Right to Information Act, stationery and computer peripherals etc.	10
	Grand Total:	4840 (Salary: 4679)

Shri V.P. Yadav, Sc. E



Ms. Divya Sinha, Sc. E

Coordinator

Signature



6.19: PR Section and Library

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head IV(b) : PR & Mass Awareness Programme		
1	Exhibition/ Workshops/Mass awareness activities and preparation of exhibition materials, stationery/computer peripherals; 5th June World Environment & Mass Awareness Programs	15
2	Printing & Publication of CPCB technical reports (on-going).	35
3	Advertisements.	15
4	Operation and upkeep of conference halls, committee rooms, training hall, hospitality arrangements and strengthening of PR activities salary of project staff, telephone, travel etc.	7
5	Public grievances ; Purchase of stationary salary of project staff	7
Project Head- IV (c) Library		
6	Purchasing of books, Newspapers and Magazine, E-subscription of Journals and Periodicals, Purchasing of furniture, Infrastructure and Software procurement, Binding	5
7	Print + e-subscription to Journals and Periodicals	10
8	Infrastructure & Software procurement	5
9	Binding of Journals & Worn out books	1
Grand Total		100

Shri Abhay Singh Soni, Sc. E

Shri G. Ganesh, Scientist, D

Ms. Anamika Sagar, Sc. D

Coordinator


Signature

6.20: Environmental Training Unit (ETU)

S. No.	Name of Schemes	Allocation (₹ In Lakh)
Project Head – IV(a) : Training		
1	National Training including salary of project staff, telephone, travel etc.	105
2	International Training	20
Grand Total		125.00

Shri M. Varghese, AO

Coordinator


Signature

6.21: Hindi Section

S. No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head- IV(b) PR, Mass Awareness Programmes & Hindi		
1	Hindi Workshops and Training Programme including purchase of office items and salary of project staff	12
2	Hindi Book writing/Noting-Drafting Incentive Scheme	1
3	Organizing function on Hindi Day, Head Office & Regional Directorates	2
4	Purchase of Hindi Books/Dictionary/Stationary	1
5	Inspection of ZOs reg. use of Hindi-TA/DA expenses etc.	1
	Grand Total:	17.00

Coordinator


Signature

Shri Sheetal Prasad, AO (OL)

6.22: Information Technology

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-V Information (Database) Management		
1	Maintenance of Network, Servers & Website Management	12
2	Software Development for Employee Information System, Payroll Management & Others	20
3	CCR Operation (CAAQM + Sameer)	25
4	OCEMS Protocol Development software	25
5	Industrial CAAQMS data collection system	10
6	Strengthening Network of IT Infrastructure	130
	Grand Total	222.00

Shri A. Sudhakar, Sc. E
Shri Aditya Sharma, Sc. D

Coordinator


Signature



Urban Pollution Control (UPC)

6.23: Urban Pollution Control-I (UPC-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-VI- Waste Management and Urban Pollution Control	
1	Expenditure towards field visits & conducting meetings (a) Standing Committee on Emissions from RIC Engines for Off-road applications (b) National Committee on Noise Pollution Control (c) Noise level Monitoring in and around wild-life sanctuaries/National Parks of India	3
2	Implementation of construction and demolition management rules & Preparation of status report on C&D Waste management including salary of Project staff	10
3	Performance Evaluation of sewage treatment plants in Delhi &NCR including salary of project staff	10
4	Operation and Maintenance of Existing 70 Noise Monitoring Stations	48.5
5	Status report of coastal cities (Assessment of sewage generation, status of treatment and impact on coastal water including salary of project staff	5
6	Fecal Sludge management - Preparation of brief status report (includes salary of project staff)	5
7	Status report of impact of houseboats on backwaters of Kerala and impact of Shikara on Dal Lake	3
	Grand Total	84.5

Shri Suneel Dave, Sc. E

Dave
14/05/2018

Coordinator

Signature

6.24: Urban Pollution Control-II (UPC-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-VI- Waste Management and Urban Pollution Control	
1	Implementation of SWM Rules, 2016, payment for project staff, tours, visits, stationary items, computer AC, etc.	25.00
2	Implementation of PWM Rule 2016, payment for testing, tours, visits, FTIR, salary of project staff, stationary etc	25.00
	Grand Total	50.00

Dr. S.K. Nigam, Sc. E

S.K. Nigam
14.05.18

Coordinator

Signature

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Waste Management Division

6.25: Waste Management-I (WM-I)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-VI- Waste Management and Urban Pollution Control	
1	Implementation of Bio-Medical Waste Management salary of project staff, travel etc.	15
2	Implementation of Battery Rules & Salary of project staff	10
3	Inventory and Remediation of hazardous waste contaminated areas, Salary of project staff	5 (MoEF funded)
	Grand Total	30.00

Shri. B. Vinod Babu, Sc. E

Coordinator


Signature

6.26: Waste Management-II (WM-II)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
	Project Head-VI- Waste Management and Urban Pollution Control	
1	(i) Inventory, inspections, follow-up on directions, utilization of hazardous waste, court matters, performance studies etc., pertaining to Hazardous Waste management including salary of DEO, JRFs and RA (ii) Preparation of Guidelines on Hazardous Waste management (iii) Organization of Workshop/ Interaction Meet with stakeholders/ Facility Operators of Common Hazardous Waste TSDFs	30.00
	Grand Total	30.00

Shri Bharat. K. Sharma, Sc. E

Coordinator


Signature



6.27: Waste Management –III (WM-III)

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head-VI- Waste Management and Urban Pollution Control		
1	Implementation of E-waste Management Rules (Visit, Meetings, Workshop, office stationary including salary of project staff)	30
2	ROHS Testing Expenses	15
Grand Total		45.00

Shri Anand Kumar, Sc. E

Coordinator



Signature



7.0: PLANS & PROGRAMMES OF REGIONAL DIRECTORATES (2018-19)

7.1: Regional Directorate-Bengaluru

S. No	Name of the Project	Allocations (₹ in Lakh)
Project Head –I Pollution Assessment (Survey and Monitoring)		
1	Surveillance of NAMP & NWMP stations including organizing review meeting, Monitoring of inter-state river water quality, Pesticide Pollution From Agricultural Runoff along major rivers , Study of Total PAH in ambient air and conducting regional conferences on Air and Water Quality in Southern Zone .	3
Project Head – II. Scientific& Technical Activities and R & D		
2	Operation and Maintenance of Networking of CAAQM stations at Bangalore and Chennai (ongoing).	2.5
3	Infrastructure development of the laboratory, Purchase cum O & M, AMCs of instruments / equipment. Procurement of lab related items, Development of facilities for calibration of air pollution monitoring instruments and equipment (Ring Test Facility), NABL accreditation and E(P) Act recognition of Laboratory	30
Project Head – III (b). Industrial Pollution Control (Standards, Technologies and Enforcement)		
4	Payment of salary, Rents, TTA, Medical reimbursements, Children education allowance, LTC,	350
5	Building Maintenance, Telephone, Fax, Data card, EPABX, Housekeeping, Postal & Courier charges, purchase of Stationery, Water and Electricity charges, Security hiring, Running & Maintenance of office vehicles, local conveyance for official duties, Hospitality Arrangements, payment of premium towards Personnel insurance, renovation of washrooms in I & II floor, salary for project staff, Maintenance of CCTV & biometric attendance system, release of 10% deposit amount to CCTV, other civil & plumbing, electrical works related to office space, Procurement of ACs, design and associating with the common building complex of MOEFCC etc.,	75
6	Compliance Verification of Industries and other Common treatment facilities, compliance verification of industries w.r.t new notified standards, Inspections as per the directions of Hon'ble NGT & other courts, inspection & monitoring of online monitoring systems, verification of closure direction, reviewing of status of comprehensive Environmental Pollution Index in critically polluted and severely polluted areas, Legal issues, Inspection for National Awards, Noise monitoring, Diwali Monitoring, Co-ordination of Parliamentary Committee Visits and related activities, RTI, Redressal of public/ VIP complaints, re-imburement of mobile charges, Stationery, Study of co-incineration in industries, Inspections under PIC (prior informed Consent),NCEF project, E-governance, Monitoring allowance, polluted river stretches and Lakes in the zone,	25

S. No	Name of the Project	Allocations (₹ in Lakh)
	attending review meetings at Delhi, OTA, advocate charges, routine meetings with Chief Secretary, Principal Secretary, Secretaries, MoEFCC, SPCB's in the zone etc.	
Project Head – IV(a) Training programmes		
7	Capacity building and imparting training programme to staff sponsored by Head office and other organizations, training to administrative and accounts staff on matter pertaining to them, sponsoring officials to premiere institutes for acquiring higher knowledge and evaluation of effectiveness of training imparted to officials. Organizing OCEMS training to industries, Organizing waste management workshops in cities with population of one lakh to ten lakhs, Imparting training to SPCB's, Students etc., .	2
Project Head – IV(b) PR, Mass Awareness Programmes & Hindi		
8	Exhibitions/Workshops/Mass Awareness Activities, NGO Activities, printing of pamphlets, participating in Indian Science Congress, organizing swacchatha pakhwada, participation in exhibitions, booklets, collection and dissemination of information and conducting Rajbhasha Hindi Diwas event, procurement of Hindi books as per H.O approval, giving advertisements in newspapers	0.5
Project Head – IV(C) Library		
9	Development of library & infrastructure, procurement of books including scientific, technical, administrative, accounts, Hindi etc., News Papers, Magazines, journals, E-Subscription of Journals, peer reviewed papers and Periodicals, Swamy Rules books etc..	0.5
Project Head – V Information (Database) Management		
10	Computerization and Digitization of CPCB Activities, & E-Governance of Zonal Office, Procurement of related items, Operation, Maintenance and AMC of computers and its peripherals, cartridges, Local Area Networking (LAN), payment to BSNL for providing internet facilities etc., (ongoing), Installation/ Renew of End point Security (Anti-virus facility), servicing of laptops, procurement of GPS cameras, procurement of camera, microphone & speaker required for video conferencing, procurement of MPLS network, Installation of Firewall, enhancement of leased line connection, O & M of video conferencing devices, procurement of cartridges, measures to prevent cyber-attack, etc.,.	5
Project Head – VI Waste Management and Urban Pollution Control (plastic waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste & Vehicular Pollution)		
11	Monitoring of Solid Waste (SW) and Plastic Waste management facilities. Assist ULB's/SPCB's for implementation of Waste Management Rules, 2016	1
12	Monitoring of lakes and other water bodies, Sewage Treatment Plants (STPs), sewage drains, etc.,	1
13	Monitoring of Common Effluent Treatment Plants, Treatment, Storage and Disposal Facilities, Common Bio-	1

S. No	Name of the Project	Allocations (₹ in Lakh)
	Medical Waste Treatment Facility, E-waste recycling units, Hazardous Waste recycling units, C & D waste processing facilities in the Zone	
	Grand Total	496.5 (Salary:350) SHCA: 12

Shri S. Suresh, Sc. E

Coordinator

Signature

S. Suresh
17/5/2018



7.2: Regional Directorate-Bhopal

Scheme No.	Schemes (₹ in Lakh)	Allocations
PROJECT – I : POLLUTION ASSESSMENT (SURVEY & MONITORING)		
1.	Surveillance of ambient Air Quality and Noise monitoring during Diwali Festival, Bio-mapping of River Chambal in M.P and assessment of CEPI of existing Critically Polluted Areas (CPA) as per new evolved formula and air quality index of NAMP stations, In-situ bioremediation study on sewer drain & preliminary study on impact of sewage farming on vegetation and Inspection /Monitoring of NAMP/NWMP stations and organizing interaction meet/training programme at Bhopal.	7
PROJECT –II : SCIENTIFIC AND TECHNICAL ACTIVITIES AND R & D		
2.	Development of laboratory and monitoring facilities including operation & maintenance of existing laboratory including payment towards rent, electricity, security including salary of contractual staff	75
PROJECT –III (B) : ENFORCEMENT		
3	Salary of RD Regular Staff, Medical Reimbursement, Children Education Allowance etc.	186
4	Investigation of public/VIP complaints, reviewing implementation of action plans of CPAs and Environmental monitoring w.r.t. NGT/High Court orders/directions, Verification of compliance of directions issued, Sector Specific Inspections/ESS follow-up and O & M Expenses of vehicle including salary of TS/CPE	20
PROJECT –IV (A) : TRAINING PROGRAMMES		
5	Nomination of officers/staff for training/workshops	4
PROJECT –IV (B) : PR, MASS AWARENESS PROGRAMMES & HINDI		
6	Organizing mass awareness activities during World Environment Day and other programmes	4
PROJECT –IV (C) : LIBRARY		
7	Development of library, subscription of journals/publications and purchase of CDs/software etc	1
PROJECT –V : INFORMATION (DATABASE) MANAGEMENT		
8	Development of IT and computer facility in office(on Going)	5
PROJET-VI: WASTE MANAGEMENT & URBAN POLLUTION CONTROL		
9	Monitoring of TSDFs/CBMWTFs for compliance and data compilation on MSW, Plastic Waste, E-waste, Biomedical waste and batteries in coordination with SPCBs	3
Grand Total:		305 (Salary:186) SHCA: 12

Dr. P.K. Behera, Sc. E

Coordinator

Signature



डॉ. पी.के. बेहेरा/Dr. P.K. BEHERA
 क्षेत्रीय निदेशक/Regional Director
 केन्द्रीय प्रदूषण नियंत्रण बोर्ड
 Central Pollution Control Board
 क्षेत्रीय निदेशालय, भोपाल (म.प्र.)
 Regional Directorate, Bhopal (M.P.)

7.3: Regional Directorate-Kolkata

Sl. No.	Name of Schemes	Allocations (₹ in Lakh)
Project- I Pollution Assessment (Survey & Monitoring)		
1	Surveillance of Air and Water Quality Monitoring stations including Diwali Monitoring	25
2	Environmental status of Andaman & Nicobar Islands	
3	Interstate monitoring in Eastern Zone	
4	Status of Biogenic VOC of Mangrove Ecosystem in the different Blocks of Sunderbans	
5	Assessment of Volatile Organic Compounds (VOCs) in traffic intersection of Kolkata	
6	Characterization of PM _{2.5} and PM ₁₀ in Ambient air of Kolkata and Rural Areas	
7	Measurement of POPs/PAHs in Critically Polluted Areas in Eastern region	
8	Characterization of Ambient Air w.r.t element, element composition, particle distribution of Critically Polluted Area	
9	Surveillance and Maintenance of OHSMS in Zonal laboratory	
10	Environmental status of Bauxite mining in Eastern region	
11	Environmental status of Coal Bed Methane Projects	
12	Comparative Assessment of Coal Washing Technology adopted in Eastern region	
13	Status of Electric Arc / Induction Furnace in secondary steel sector of Eastern region	
14	Status of Pulp and Paper industries in Eastern region	
Project- II Scientific & Technical Activities and R &D Project Head		
15	Strengthening O & M of Laboratory, NABL, including salary of SRF/JRF Electricity, Telephone, Society Maintenance, Security, Rent, AMC, Insurance, Cleaning Service & others.	80
16	Procurement of Standard Chemicals, Glassware & Filter papers	10
Project -III(b) - Enforcement		
17	ESS and related activities like performance assessment of TSDf, CBMWTF, STP, CETP	15
18	Staff salary and others	350
19	Running and maintenance of office vehicles for plan activities	10
Project - IV (a) Training Programme		
20	Expenses towards nomination and attending Training Program and Workshop	3
Project - IV (b) Mass Awareness & Hindi Diwas		
21	Mass Awareness Programme	1
Project - IV(c) Library		
22	Development of Library	1
PROJECT -V : INFORMATION (DATABASE) MANAGEMENT		
23	Database management	5
	Grand Total	500(Salary: 350) SHCA: 12

Shri R.C. Saxena, Sc. E
Coordinator

Signature

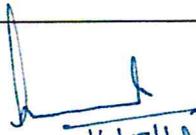



7.4: Regional Directorate-Lucknow

S.No	Name of Schemes	Allocations (₹ in Lakh)
Project- I Pollution Assessment (Survey & Monitoring)		
1	Operation, maintenance and up-gradation of AAQM station at Lucknow and Monitoring of Interstate rivers and inspection of NAMP and MINARS stations located in north zone	17
Project- II Scientific & Technical Activities and R &D Project Head		
2	Operation, Maintenance and Development of laboratory	80
Project- III Industrial Pollution Control (Standards, enforcements and technologies)		
3	Salary of scientific and technical officers	285
4	Industries inspection by order of Hon'ble NGT, enforcement for compliance of Direction and related O&M Expenses	51
Project - IV Training and Awareness		
5	Training activities (Nomination and Sponsoring)	4
6	Library development	1
Project - V Information (Database) Management		
7	Information (Data base) Management	5
P-VI: Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Waste, Biomedical waste, E-waste and vehicular pollution)		
8	Performance evaluation of STPs, MSW facilities, common facilities (CETP, TSDF, CBMWTFs) in north Zone	6
9	Model Project for optimization of MSW Practices in Lucknow	1
	Grand Total	450 (Salary:285) SHCA: 15.5

Shri S.K. Gupta, Sc. E

Coordinator


 16/5/12
Signature

S.K. GUPTA
 Regional Director
 Central Pollution Control Board
 (Ministry of Environment, Forest & Climate Change, Govt. of India)
 Regional Directorate
 PICUP Bhawan, Gombi Nagar, Lucknow- 226010

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7.4(a): Project Office Agra

Sr. No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I- Pollution Assessment-(Survey & Monitoring)		
1	Operation and Maintenance of PM _{2.5} sampler, E-BAM, & SODAR, chemicals & Filter papers, accessories of monitoring	15
Project Head II- Scientific and Technical Activities and R & D		
2	Operation & Maintenance of laboratory, AAQMS , Security (include salary of project staff) etc.	71
Project Head III(b) –Enforcement		
3	Inspection & monitoring of MSW site, CETP, STP, CBMWTF, Implementations, Public complaints, Parliament questions, interaction/ meeting with local Govt. including salary of Staff etc.	35
Project Head IV(a)- Training Programmes		
4	Training	0.5
Project Head IV(b) PR, Mass Awareness Programme& Hindi		
5	Mass Awareness Activities & Implementation of Rajbhasha	0.5
Project Head IV(c) Library		
6	Development of Library, purchase of journals, Newspapers, Books	1
Project Head V – Information (Data base) Management		
7	Data Base Management at Agra Office	2
Grand Total		125

Shri Kamal Kumar, Sc. D

Coordinator

Signature

कमल कुमार

Kamal Kumar

वैज्ञानिक – घ एवं प्रभारी
Scientist - D & Incharge
राष्ट्रीय प्रदूषण नियंत्रण बोर्ड, आगरा
National Pollution Control Board, Agra

7.5: Regional Directorate-Shillong

Scheme No.	Name of Schemes	Allocations (₹ in Lakh)
Project Head I- Pollution Assessment-(Survey & Monitoring)		
1	Co-ordination with State Boards (including visit) regarding strengthening and Implementation of various Rules/Regulations; Surveillance of NAMP, CAAQMS and NWMP, Water Quality assessment in major International/ Interstate boundary rivers, polluting river stretches and lakes in the NE region, surveillance of industries on compliance of Pollution Control Norms	6
Project Head – II Scientific and Technical activities and R&D		
2	Strengthening and Development of Laboratory including rent for Lab Building and new Furniture for Laboratory	20
3	Operation and Maintenance of Laboratory including Salary of JRFs, Samplers, Security Personnel and Sweeper Cum Cleaner	45
Project Head- III (b) – Pollution Control Enforcement		
4	Salary of Technical & Scientific Staffs	80
5	ESS Activities and O & M Expenses	10
6	Running and maintenance of monitoring vehicle on need/monthly basis	5
Project Head - IV(a)- Training		
7	Nomination for Training/Workshop	2
Project Head - IV (b) PR, Mass Awareness Programme		
8	Development of library (Purchase of Books, Periodicals, etc.)	0.5
Project Head V – Information (Data base) Management		
9	Database Management (including purchase of PCs, Computers peripherals and consumables	2
Project Head-VI Waste Management & Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-Medical Waste, E-Waste And Vehicular Pollution)		
10	Assessment of wastes management in North Eastern States	1
11	Setting up of model area for demonstration of source segregation, collection and disposal of MSW in Aizawl, Mizoram, to be carried out jointly with Mizoram Board	2
12	Setting of Model facilities for in-house management and handling of bio-medical Wastes in selected health care facilities in the state of Meghalaya	1
Grand Total		174.5(Salary:80)SHCA: 10

Shri Z. Changsan, Sc. E

Coordinator


Signature



7.6: Regional Directorate-Vadodara

S.No.	Name of Schemes	Allocations (₹ in Lakh)
Project-I : Pollution Assessment (Survey & Monitoring)		
1	Surveillance of Water Quality and Ambient Air Quality Monitoring Stations in Gujarat and Maharashtra; Inter State River quality monitoring in Gujarat and Maharashtra; Monitoring of CETPs & STPs in Gujarat and Maharashtra	16
Project Head – II Scientific and Technical activities and R&D		
2	Operation and Maintenance of Laboratory including AMC of instruments and Running & Maintenance of Vehicles etc.	45
Project Head- III (b) – Pollution Control Enforcement		
3	Salaries of Regular Staff	170
4	Enforcement (ESS Programmes and Public Complaints)	40
5	Maintenance of "Parivesh Bhawan" (New –Office –Cum Lab.)	30
Project Head – IV (a) 08: Training Programmes		
6	Registration fees and TA/DA for attending the training Programmes	2
Project Head- IV (b) PR, Mass Awareness Programmes& Hindi		
7	Creation of Mass Awareness Programmes	1
Project Head- IV (c) Library		
8	Development of Library	1
Project Head-V (Information (Database) Management)		
9	Information (Data base management)	5
Project Head – VI- Waste Management and Urban Pollution Control		
10	Waste Management and Urban Pollution Control (Plastic Waste, Hazardous Waste, Municipal Solid Waste, Bio-medical Waste, E- Waste) Management	5
Grand Total		315.00(Salary: 170)SHCA :12

Shri B.R. Naidu, Sc. F

Coordinator


Signature

