

PARIBESH SAMACHAR

News Letter Vol. XXV. No.2

January – March, 2018

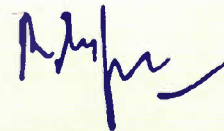
From the Desk of Chairman....



The growth of urbanization and industrialization, although essential to cater to the needs and to enhance the quality of life of ever expanding population in this planet; has brought about serious environmental issues. Deforestation, disproportionate use of land, water and air, climate change and global warming, as direct fallout in the growth process, have posed irrevocable threat to living organisms. The regulating agencies across the globe have been addressing these issues of existential threat for last few decades in order to conserve natural resources and ensure a sustainable development. The

State Pollution Control Board, Odisha, as a regulatory body, has been formulating guidelines and monitoring various programs throughout the year to control environmental pollution in the state and protect its rich bio-diversity by enforcing environmental laws.

I am sure, this issue of “**Paribesh Samachar**”, would help disseminate various steps being taken by the Board to prevent and control pollution and protect the environment ensuring a sustainable long term development in the State.



R. BALAKRISHNAN, IAS



STATE POLLUTION CONTROL BOARD, ODISHA

PARIVESH BHAWAN, A/118, NILAKANTHA NAGAR, UNIT-VIII,
BHUBANESWAR-751012

From the Desk of Member Secretary ...



The fly ash, a by-product from the coal based thermal power plants (TPPs), is composed of particulates derived from coal-fired boilers together with the flue gases that include silicon dioxide, aluminium oxide, calcium oxide and one or more heavy metals. Odisha generates about 31 million tons of fly ash every year, thus its handling and management remains a challenging task. In response to meet the aforesaid challenges, the Fly Ash Resource Centre (FARC), established by the Govt. of Odisha in State Pollution Control Board, Bhubaneswar has been actively engaged through its Centre of Excellence and Regional Offices, in organizing awareness programs, workshops, seminars etc. on effective utilization of fly ash; encouraging manufacturer of fly ash based products and coordinating with TTPS and sectoral users; promoting research and development etc. Due to sustained efforts by the Board and cooperation of the power industries, there has been substantial improvement in fly ash utilization in the State.

I hope, this issue of "**Paribesh Samachar**" would help disseminate various steps taken by SPCB, in abating the menace of environmental pollution in the State.

A stylized, handwritten signature in blue ink, consisting of a vertical line on the left, a horizontal line across the middle, and a wavy line on the right that ends in a small arrowhead.

D. BISWAL, IFS

Activities of the Board

Board Meeting

- 116th Board Meeting of the State Pollution Control Board, Odisha was held on 16th March, 2018 under the chairmanship of Sri R. Balakrishnan, IAS, Development Commissioner & A.C.S. to Government of Odisha and Chairman, State Pollution Control Board, Odisha. The following important decisions were taken in the Board meeting.
- The proceedings of the 115th Board meeting were confirmed and compliance and follow up action taken on the decision of the Board meeting were discussed.
- The Board approved the proposal for contribution of 36.24 Crore to the corpus fund of pension managed by LIC of India in two equal installments during the financial year 2017-18 & 2018-19 as per budgetary allocation.
- The Board ratified the action taken by the Chairman towards purchase of 2nd floor of the building of IDCO constructed at Industrial Estate, Ankuli, Berhampur on lease basis to run Laboratory and Regional Office.
- The Board approved the Revised Budget for the financial year 2017-18 and Budget for the financial year 2018-19.
- The Board approved the fee structure for Health Care Establishments/Common Biomedical Waste Treatment and Disposal Facilities as follows:

A. Fees for Consent to Establish

Sl.No	Categories	Approved fee for consent to establish
1.	Private Health Care Establishments and Common Biomedical Waste Treatment and Disposal Facilities.	To be charged as per investment in case of industries including Hotels and Development Projects indicated in the Odisha Gazette Notification No. 13123-Env-1-01/2012-F&E, dated. 16 th July, 2012 and 13127-Env-1-01/2012-F & E, dated 16 th July, 2012.
2.	All "Not for Profit" institutions/ Health Care Establishments/ Common Biomedical Waste Treatment and Disposal Facilities.	Rs. 1000/ -
3.	Govt. Institutions/ Health Care Establishments / Common Biomedical Waste Treatment and Disposal Facilities.	Rs.1000/ -

B. Fees for Consent to Operate

Sl.No.	Categories	Approved fee for consent to Operate (per annum)		
		Categories	For Air Act	For Water Act
1.	Private Health Care Establishments (HCEs) and Common Biomedical Waste Treatment and Disposal Facilities (CBWTDFs).	a) HCEs having less than 100 beds	Rs.500/-	Rs.500/-
		b) HCEs having 100 to 199 beds	Rs.1000/-	Rs. 1000/-
		c) HCEs having 200 to 399 beds	Rs.3000/-	Rs.3000/-
		d) HCEs having 400 beds and above	Rs.5000/-	Rs.5000/-
		e) CBWTDFs	Rs.6000/-	Rs.6000/-
2.	All "Not for Profit" Institutions/Health Care Establishments /Common Biomedical Waste Treatment and Disposal Facilities.	For Air Act.	For Water Act.	
		Rs.500/-	Rs.500/-	
3.	Govt. Institutions/ Health Care Establishments /Common Biomedical Waste Treatment and Disposal Facilities.	For Air Act.	For Water Act.	
		Rs.500/-	Rs.500/-	

Integrated Coastal Zone Management Project (ICZMP)**Coastal Water Monitoring and Analysis:**

- Coastal Water Monitoring and Analysis has been undertaken by the Pilot Executing Agency (PEA) regularly since April 2014 on quarterly/seasonal basis from the assigned monitoring area i.e. from Paradeep (20°10'02.67"N; 86°31'22.63"E) to Dhamra (20°51'58.96N; 86°058'12.27E) coastal stretch; which covered nearly 80 km in the sea. Out of seventy three (73) selected sampling locations for the entire monitoring area, 32 are along Mahanadi transect, 17 in Dhamara transect and 24 in Gahirmatha-Bhitarkanika transect.
- A total of 453 samples have been collected and analyzed during the reporting period.

- The Parameters analyzed for the water samples include *pH, Conductivity, Total Suspended Solids, Total Dissolved solids, Turbidity, Fluoride, Dissolved Oxygen, Biochemical Oxygen Demand, Alkalinity, Salinity, Nitrite, Nitrate, Ammonia, Silicate, Ortho-phosphate, TOC, TIC, heavy metals(V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Mo, Pb, Cd, Hg), Total Coliform, Fecal Coliform, Chlorophyll-a, Chlorophyll-b, Chlorophyll-c, Total Chlorophyll, Phaeophytin pigment, Carotenoid, Phytoplankton and Zooplankton.*



Monitoring performed in the Vessel "Sagar Utkal"

Real Time Data Transmission System (RTDAS)

The Board has implemented GPRS based real time data transmission system with Y-Cable for online stack, ambient air quality and waste water monitoring network round the clock for highly polluting large scale industries and mines in order to keep the regulator and industries alert. So far online monitoring and data transmission systems have been installed in 147 industries and 23 mines in the State.

Public Hearing

The Board has conducted following 03 public hearings during January-March, 2018.

Sl. No.	Name of the Project	Purpose of Public hearing	Date
1	M/s. Kulda OCP, MCL, Basundhara area, Tahsil-Hingiri, Dist: Sundargarh	Expansion of coal production capacity from 10.0 MTPA to 15.0 MTPA over an area of 634.205 Ha.	10.01.2018
2	M/s. Kusumdihi Manganese Ore Mines, M/s. OM & M Ltd., At/Po: Kusumdihi & Kamando, Koida, Sundargarh.	Expansion of production of manganese ore from 17,376 TPA to 50,680 TPA over an area of 31.549 ha.	19.01.2018
3	M/s. Odisha Cement Plant, Chandabalishyampur, Athagarh, Cuttack.	Establishing a Clinker Grinding Unit of 5.5 MTPA capacity (Phase-I of 3.0 MTPA Cement and Phase -II of 2.5 MTPA Cement) alongwith 20 MW Captive Power Plant and Residential Colony near village Chandabalishyampur, Athagarh, Cuttack.	20.03.2018

Consent Committee

The following Consent Committee Meetings were conducted by the Board at Head Office, Bhubaneswar to discuss consent to establish of various projects and disposed 22 cases during the reporting period.

Consent Committee Meeting	
Date	No. of cases discussed & disposed
29.01.2018	07
17.02.2018	05
20.03.2018	10
Total	22

Consent to Establish

“Consent to Establish” with stipulations for appropriate pollution control measures has been granted by the Board to 307 industries, hotels, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns and DG Sets (as stand-by) etc. during January - March, 2018.

Consent to Operate

“Consent to Operate” has been granted to 817 industries, mines, hotels, hospitals, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns, DG Sets (as stand by) and mineral based industries etc. during the reporting period.

Implementation of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

- Authorization has been granted to 22 hazardous waste generating units under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 for collection, storage, treatment and disposal of hazardous wastes during January-March, 2018.
- The Board has authorised 20 Actual Users (Inside Odisha) and 28 Actual Users (outside Odisha) for utilization of following hazardous wastes.
 - Used oil
 - Waste oil
 - Used Anode Butt
 - Aluminium Dross
 - Spent pot Lining
 - Lead Acid Battery
 - Zinc Skimming /Zink Ash / Zink Dross
 - Flue Gas Dust/GCP Sludge

Implementation of the Batteries Management and Handling Rules, 2001

Battery returns of 17 units have been filed with the Board for smooth management and handling of batteries (lead-acid) under the provisions of the Batteries Management and Handling Rules, 2001.

Implementation of the Bio-Medical Waste Management Rules, 2016

The Board has granted authorization to 305 health care facilities and issued 17 show cause notices and refused authorization of 22 health care units under the Biomedical Waste Management Rules, 2016 during said period.

Implementation of the Electronic Waste (Management) Rules, 2016.

The Board has issued authorization to 01 unit for collection-cum-dismantling of E-wastes during the reporting period.

Implementation of the Plastic Waste Management Rules, 2016

The Board has issued registration to 01 plastic product manufacturing unit during the reporting period.

Violations

The Board has issued 98 show cause notices, 56 directions of closure and 5 refusal of consent due to violation of provisions of the Rules during January - March, 2018.

Empanelment of Environmental Consultant

The following 04 firms having equipped laboratory facilities have been empanelled as Environmental Consultants with the Board during January - March, 2018.

Sl.	Name of the Consultant	Category	Validity Period
1	M/s. Inspectorate Griffith India Pvt. Ltd. Plot No-211, Ground Floor, Sector-A, Zone-B Mancheswar Industrial Estate, Bhubaneswar Phone No:- 0674-2581320/2581430 Email: - goutam.saha@in.bureauveritas.com / Sudip.chattopadhyay@in.bureauveritas.com	A	15.02.2018 to 14.02.2021
2	Environmental Research & Services (India) (P)Ltd Plot No. B-22, Sector - B, Chandaka Industrial Estate, Po:- KIIT, Infocity Road, Bhubaneswar - 751024, Phone : 0674-6550003 Email: ersibbsr@gmail.com	A	27.02.2018 to 26.02.2021
3	M/s. Biomes Plot No.225, District Centre, Chandrasekharpur, Bhubaneswar-751 016, Phone:9437442293, Email: biomes.enviro@gmail.com	B	16.02.2018 to 15.02.2021
4.	M/s. Sun Consultancy and Services, Plot No. 16/C, Engineer's Colony, Bhudheswari, Cuttack-Puri Road, Bhubaneswar - 751 006, Phone No: 0674-231 4047, Email: sunconsultancyandservices@yaoo.com / sunconsultancyadservices@gmail.com	B	06.03.2018 to 05.03.2021

Legal Matters

The Board has filed/counter filed 47 cases in various Courts during January- March, 2018 and 36 cases have been disposed.

Sl. No	Name of the Court	No. of Cases	
		Filed/Counter filed	Disposed
A	High Court		
1.	PIL	05	03
2.	Writ	15	20*
B	Supreme Court		
1.	PIL	Nil	Nil
2.	Writ	03	Nil
C	N.H.R.C. / O.H.R.C.	08 (NHRC-04+OHRC-04)	05 (NHRC Nil+OHRC-05)
1.	Cases U/S -133 of CrPC	Nil	Nil
2.	Cases before the State Appellate Authority	10	07
3.	Cases before the National Green Tribunal	06	01
	Total	47	36

N.B: * Includes previous cases

Scientific Studies

The State Pollution Control Board, Odisha is monitoring ambient air quality at 37 stations of 16 important towns and industrial areas with the financial support of Central Pollution Control Board under National Air Quality Monitoring Programme (NAMP)/State Air Quality Monitoring Programme (SAMP) on regular and ongoing basis. Those stations are Angul, Talcher, Rourkela, Rayagada, Bhubaneswar, Berhampur, Puri, Cuttack, Sambalpur, Jharsuguda, Keonjhar, Balasore, Kalinga Nagar (Jajpur), Paradeep, Konark and Rajgangpur.

- Central Laboratory and Regional Offices have analyzed 2881 samples under NAMP /SAMP.
- The Board has conducted 744 ambient air quality monitoring in Industrial areas and source emission monitoring at three stations for regulatory purposes.
- As many as 1459 water samples (including samples collected under National Water Quality Monitoring Programme (NWMP), State Water Quality Monitoring Programme (SWMP) and other water samples) have been analyzed by the Board during the reporting period.
- The Board has analyzed 940 industrial water samples during the period of January-March, 2018.

- e) The Board has analyzed 03 solid waste samples for regulatory purpose.
- f) Samples from 363 stack emissions have been collected and analyzed.
- g) Performance evaluation of 12 numbers of sound limiters of different band parties has been conducted in respect of noise [Limited to 65 dB(A)].

Celebration of World Water Day (WWD)

World Water Day (Biswa Jala Divas) was celebrated on 22nd March, 2018 by Regional Offices of State Pollution Control Board, Odisha organizing various activities such as meeting, debate, competition etc.



Celebration of WWD by RO, Kalinga Nagar at DRDA Hall,Collectorate, Jajpur

Awareness Programmes

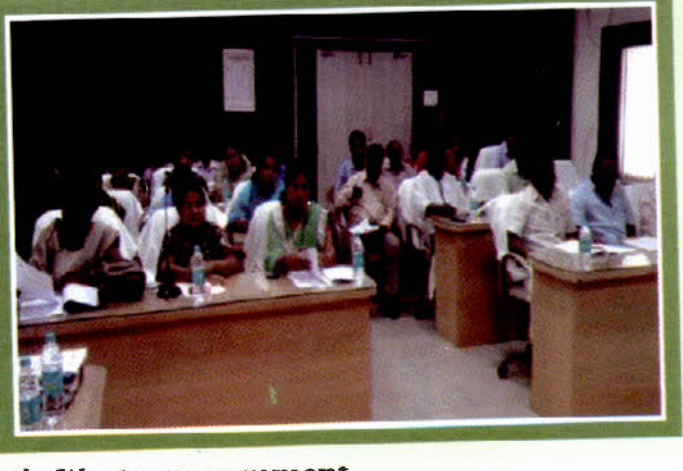
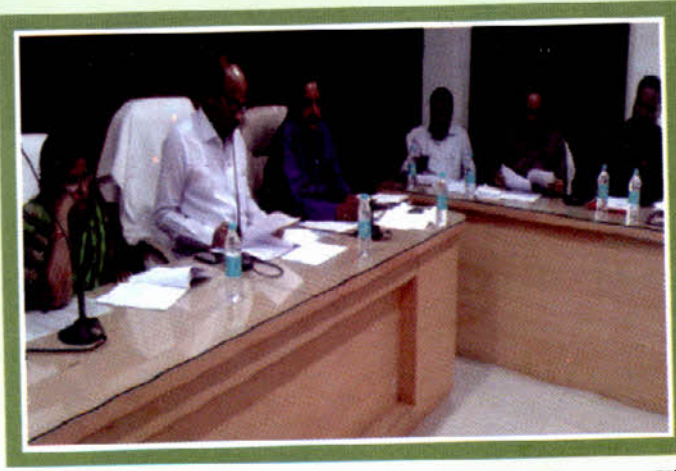
For creation of awareness among the stakeholders including general public on environmental issues, the Board regularly publishes advertisements in different periodicals / News papers/Souvenirs.

- An awareness meeting on Bio-Medical waste management was held on 14.03.2018 at District Head Quarter Hospital, Jagatsinghpur among the Medical Officers of different CHCs and PHCs of Jagatsinghpur district and staffs of DHH, Jagatsinghpur. Regional Officer, SPCB, Paradeep, presented briefly the waste management practices in Bio-Medical Waste Management Rules 2016.



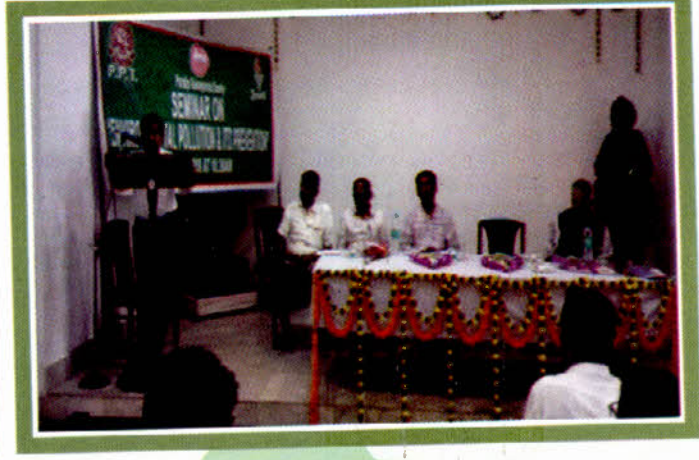
Awareness meeting on Bio-Medical Waste Management at District Head Quarter Hospital, Jagatsinghpur

- An awareness meeting on Plastic waste management in Paradeep municipality was held on 16.02.2018 among the different counsellor at conference hall of Paradeep municipality. Regional Officer, SPCB, Paradeep presented the waste management practices in plastic waste management rules 2016.



Awareness meeting on Plastic Waste management

- A workshop-cum-seminar on environmental pollution & remedies was held on 24.02.2018 organized by Paradeep Port Trust and Paradeep Sakhyarata Samiti among the Officers of Paradeep Port Trust, local people and different NGOs at conference hall of Officer's club, Paradeep port trust. Regional Officer, SPCB, Paradeep presented the environmental scenario in & around Paradeep area.



Seminar on Environment Pollution and its Prevention

RTI & Public Complaints

The Board has disposed 190 applications providing information under the Right to Information Act, 2005 and addressed 87 public complaints during January-March 2018.

Human Resource Development

The Board has conducted several programmes through the Centre for Excellence for imparting training to various stakeholders on pollution control and environment protection, and also deputed its officials for exposure to training programmes & updating knowledge in relevant fields.



**Seminar on fly ash utilization at M/s. Nava Bharat Ventures Ltd.,
Dhenkanal on 12.03.2018**

A. Training / Workshop / Seminar attended by Officials of the Board during January to March, 2018

- Between January and March the officers of the Board have attended training programs and workshops on various subjects, such as Resource Efficiency, Circular Economy, Project Formulation & Fly Ash utilization etc.

B. Other Trainings.

- Training on “Vehicular Pollution, its Effect on Human Health & Remedial Measures” was imparted to 141 traffic personnel in six batches at Urban Police of Traffic Training Institute, Laxmisagar, Bhubaneswar during Jan-March, 2018.
- Eleven number of students of M.Sc. in Environmental Science from Vani Vihar, Utkal University were guided for conducting their dissertation work in the Central Laboratory, Patia, Bhubaneswar.





PRINTED MATTER

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