

PARIBESH SAMACHAR

News Letter Vol. XXIV. No.3

April-June, 2017

From the Desk of Chairman....



The State Pollution Control Board, Odisha, as a regulatory body, has been spearheading planning and execution of programmes / formulating guidelines to control pollution and protect the environment by enforcing environmental laws. The State of Odisha, endowed with bountiful natural resources and rich bio-diversity is facing severe threat to its ecosystem due to ever growing pollution, climate change and over exploitation of natural resources. The response of SPCB in conducting several awareness activities involving school & college students and general public for prevention of pollution and protection of already fragile ecosystem of the State through its 12 Regional Offices on the eve of World Environment Day on 5th June, 2017 is the right step in this direction. This is in tune with the theme of the World Environment Day of 2017 **“Connecting People to Nature”**. Such activities of the Board are followed by continuous assessment and abatement of pollution throughout the year within the ambit of Environmental Acts and Rules.

Hope, this **“Paribesh Samachar”**, to be released on the occasion of Board’s Foundation Day will help disseminate the comprehensive account of activities of the Board in preventing pollution and protecting our environment.

R. BALAKRISHNAN, IAS



STATE POLLUTION CONTROL BOARD, ODISHA

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



*From the Desk of
Member Secretary...*

Rapid industrialization and urbanization is concurrent with increase in pollution of air, water & soil, deforestation and over exploitation of natural resources. The air we breathe is laden with contaminants. The ocean, the water ways and the soil are poisoned with hazardous chemicals. Many of the Earth's ecosystems are rather approaching critical tipping point of depletion or irreversible changes, which if left unabated, the resulting pollution could leave us with a Planet Earth sapped of its beauty, vitality and precious biodiversity; pushing the living species towards extinction. By enforcing environmental Acts & Rules, motivating and sensitizing general public, industrialists and all other stakeholders, the Board endeavors to prevent pollution, protect the environment and restore the pristine beauty of ecosystem of the Earth.

In this context, sharing information and getting regular feedbacks on various aspects of environmental protection is vital. I hope that the publication of this "Paribesh Samachar" and its release on the occasion of Board's **34th Foundation Day** will help disseminate the activities of the Board to prevent pollution and protect our environment.

A stylized, handwritten signature in black ink, consisting of several bold, sweeping strokes.

D. BISWAL, IFS

ACTIVITIES OF THE BOARD

Celebration of the World Environment Day, 2017

The State Pollution Control Board, Odisha observed World Environment Day on 5th June, 2017 through 12 Regional Offices. For the year 2017, the theme of the World Environment Day was “**Connecting People to Nature**”. In this context, several programmes such as plantations, organizing debate / quiz/ rally / painting competitions followed by distribution of prizes involving public /students of schools & colleges were conducted to create awareness for protection of environment.

Observation of World Environment Day by Regional Offices of SPCB



Rayagada



Berhampur



Rourkela



Keonjhar



Bhubaneswar



Kalinganagar

Observation of World Environment Day by Regional Offices of SPCB



Paradeep



Balasore



Angul



Sambalpur



Cuttack



Jharsuguda

Integrated Coastal Zone Management Project (ICZMP)

- The Pilot Executing Agency (PEA) in the World Bank assisted Integrated Coastal Zone Management Project (ICZMP), SPCB, Odisha has been monitoring sea water for the assigned coastal stretch of about 80 km from Paradeep to Dhamra under the mandate of the ICZM project.
- The Centre for Management of Coastal Ecosystem (CMCE) building was constructed with the assistance of the World Bank under ICZM Project.



Centre for Management of Coastal Ecosystem (CMCE) building of OSPCB at PARADEEP

- The CMCE building was inaugurated at Paradeep by Mr. R. Balakrishnan, IAS, Development Commissioner-cum-Additional Chief Secretary of Odisha & the Chairman, State Pollution Control Board on 28.04.2017.



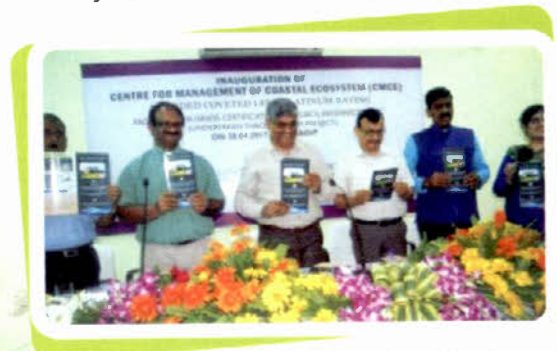
Inauguration of CMCE Building at Paradeep

- It is the first Govt. building in the State of Odisha to receive the coveted Platinum Rating LEED (Leadership in Energy & Environment Design) Certification from the prestigious U.S. Green Building Council (USGBC), duly certified by Green Building Certification Inc. (GBCI), Washington, DC.



LEED Platinum Rating Certificate handed over to Chairman, OSPCB by USGBC Representative

- The booklet with information of LEED criteria achieved by the project and two Report Cards on the assessment of Paradeep & Dhamra coast during 2015, were released by ICZMP on the occasion.



Release of Booklet of LEED criteria & Report Cards on assessment of Paradeep & Dhamra Coast

- The CMCE building is a state-of-art infrastructure mainly focusing for the assessment of coastal water for a coastal stretch of 80km from Paradeep to Dhamra in the Bay of Bengal, which adds a new feather in the cap of OSPCB activities.
- The activities to be undertaken at CMCE include Biological Oceanography activities by microscopic observation, Real Time Assessment of ambient air quality (PM₁₀, PM_{2.5}, TSP, NO_x, SO₂, H₂S, Ozone, NH₃, CO); especially the VOC & BTEX real time monitoring- the first of its kind in the State, Application of geo-scientific database using Geographic Information System (GIS) for critical habitats and Management (running, operation and maintenance) of the Vessel "Sagar Utkal" – a catamaran vessel for in-situ and on-board measurements. This center would act as a referral center and play a vital role in the sustainable management of coastal ecosystem.
- The Sea Worthy Pollution Monitoring Vessel which reached at Paradeep Port during January,2017 has been registered with MMD (Mercantile Marine Department) of DG Shipping, Govt. of India. It is likely to be officially inaugurated shortly.
- The Implementation Support Mission of World Bank visited ICZMP, Odisha on 25th May, 2017.
- Dr. Shailendra Kumar Mangain, Sociologist Consultant, Society for Integrated Coastal Management (SICOM) under National Project Management Unit of Govt. of India, New Delhi visited CMCE, Paradeep on 29th June, 2017.

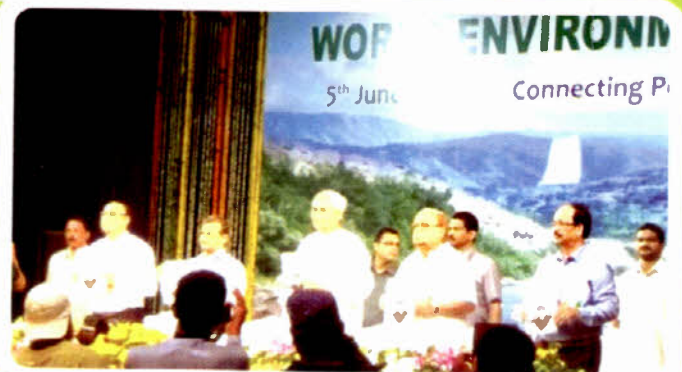


Visit of World Bank Mission



Visit of SICOM, New Delhi

- **Publication by ICZMP, SPCB, Odisha:**
Report card of Gahirmatha Coastal Stretch-2015 by ICZMP, SPCB, Odisha was released on World Environmental Day on 5th June, 2017 at Rabindra Mandap by Hon'ble Chief Minister Shri Naveen Patnaik.



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 139 industries and 22 mines in the State.

Public Hearing

The Board conducted following 06 public hearings for major industrial / mining /municipal solid waste management project / expansion projects during April-June, 2017.

Sl. No.	Name of the Project	Purpose	Date
1.	M/s. JSW Cement Ltd At : Kalinganagar Industrial Complex, Tehsil : Danagadi, Dist : Jajpur	Proposed 1.2 MTPA Portland slag cement, Portland pozzolana cement and ground granulated blast furnace slag cement grinding unit.	03.05.2017
2.	Gharbhurani Sagasahi Iron Ore Block, M/s Essar Steel Ltd., At : Gharbhurani, Sagasahi Dist : Sundargarh	Production of 7.16 MTPA of iron ore (ROM) along with crushing and screening plant and beneficiation plant of 6.7 MTPA over an area of 139.165ha	19.05.2017
3.	M/s. Paradeep Phosphate Ltd. At : Paradeep, Dist : Jagatsinghpur	Coal handling plant, Ammonia plant - 2200 MTPD, Urea Plant-3850 MTPD, Nitric Acid Plant - 1000 MTPD, Ammonium Nitrate plant - 1100 MTPD, DAP Plant- 1300 MTPD, GSSP plant - 1650 MTPD, DAP plant - 9500 MTPA.	19.05.2017
4.	Chemical Division of M/s. Grasim Industries Limited, At : Jayshree, Ward No.-10, Dist : Ganjam	Expansion of production of Caustic Soda from 72,000 TPA to 10,5000 TPA, its bi-products and value added derivatives.	23.05.2017
5.	M/s. MSW Bhubaneswar Ltd., Bhuasuni, Daruthenga, Dist : Khordha	Municipal solid waste Management and landfill site	06.06.2017
6.	Sukinda Chromite Mines, M/s. IMFA Ltd., Sukinda, Dist : Jajpur	Expn. of Chrome Ore from 3.51 LTPA to 6.0 LTPA, change in mining technology from open cast to open cast and underground and establishment of chrome ore beneficiation plant of capacity 40 TPH over an area of 116.76 ha	23.06.2017

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 19 cases during the reporting period.

Consent Committee Meeting	
Date	No. of cases discussed & disposed
10.05.2017	08
29.05.2017	04
29.06.2017	07
Total	19

Consent to Establish

"Consent to Establish" with stipulations of appropriate pollution control measures has been granted by the Board to 261 industries, hotels, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns and DG Sets (as stand-by) etc. during April - June, 2017.

Consent to Operate

"Consent to Operate" has been granted to 847 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 31 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 April -June, 2017.
- Trial run on co-incineration of Spent Pot Lining (SPL) along with coal and lime stone in Circulating Fluidized Bed Combustion (CFBC) based boilers of captive power plant of M/s. Hindalco Industries Ltd., Hirkud has been taken up during May, 2017 in the presence of the officials of CPCB, New Delhi and SPCB, Odisha.
- The Board has authorised 25 Actual Users for utilization of following hazardous wastes.
 - Used oil 13,976 KL/A
 - Waste oil 31,295 KL/A
 - Used Anode Butt 60,420 T/A
 - Aluminium Dross 49,320 T/A
 - Spent pot Lining 38,160 T/A
 - Lead Acid Battery 1800 T/A
 - Zinc Skimming /Zink Ash / Zink Dross 3,000 T/A
 - Flue Gas Dust/GCP Sludge 70,900 T/A

Implementation of the Batteries Management and Handling Rules, 2001

As many as 84 units have filed battery returns (half yearly returns) with the Board for the period from October, 2016 to March, 2017 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 200 health care facilities and issued 12 show cause notices under the Biomedical Waste Management Rules, 2016 during said period.

Implementation of the Solid Waste Management Rules, 2016.

Authorization has been granted to 02 Urban Local Bodies (ULBs) under the Solid Waste Management Rules, 2016.

Implementation of the E-Waste (Management) Rules, 2016.

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

Violations

The Board has issued 543 show cause notices, 89 directions of closure and 62 refusal of consent due to violation of provisions of the Rules during April - June, 2017.

Empanelment of Environmental Consultant

The following two firms having equipped laboratory facilities have been empanelled as Environmental Consultants with the Board during April - June, 2017.

Sl. No.	Name of the Consultant	Category	Validity Period
1.	M/s Vimta Labs Ltd., 142, IDA, Phase-II, Cheriapally, Hyderabad - 500 051	A	03.06.2017 to 02.06.2020
2.	M/s. Netel (India) Limited, W-303, Pipeline Road, Rabale MIDC, ITC Industrial Area, Navi Mumbai - 400 701	B	03.04.2017 to 02.04.2020

Legal Matters

The Board has filed/counter filed 38 cases in various Courts during April-June, 2017, out of which 17 cases have been disposed during the reporting period.

Sl. No.	Name of the Court	No. of Cases	
		Counter filed	Disposed
A	HIGH COURT		
1.	PIL	08	02
2.	Writ	14	09
B	N.H.R.C. / O.H.R.C.	09 (NHRC -01+ OHRC-08)	NIL (NHRC Nil + OHRC Nil)
1.	Cases before the National Green Tribunal	07	06
	TOTAL	38	17

Scientific Studies

The State Pollution Control Board, Odisha is monitoring Ambient Air quality at 34 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 2907 samples under NAMP /SAMP.
- The Board has conducted 610 ambient air quality monitoring in industrial areas and source emission monitoring at three stations for regulatory purposes.
- As many as 1560 water samples (including samples collected under National Water Quality Monitoring Programme (NWMP), State Water Quality Monitoring Programme (SWMP) and 287 other water samples) have been analyzed by the Board during the reporting period.
- The Board has analyzed 835 industrial water samples during the period of April-June, 2017.
- The Board has analyzed 22 solid waste samples for regulatory purpose.
- Samples from 259 stack emissions have been collected and analyzed.
- The State Pollution Control Board has conducted 12 noise monitoring studies by different Regional Offices at various occasions during the reporting period.

Awareness Programmes

For creation of awareness among the stakeholders including general public on environmental issues, the Board's activities include 08 public notices, 02 Radio Broadcast & 02 Telecast during the reporting period.

RTI & Public Complaints

The Board has disposed 259 applications providing information under the Right to Information Act, 2005 and addressed 70 public complaints during April - June, 2017.

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.

A. Training / Workshop / Seminar attended by Officials of the Board

Sl. No.	Name & Designation	Date	Programme	Conducted by	Venue
1.	Dr. D. K. Behera Sr. Env. Scientist (L-I)	6 th - 7 th April, 2017	National Seminar on CLEAN Tech and Odisha Renewable Energy Policy, 2016	OMS Power Training and Research Institute, Bhubaneswar	Hotel Swosti Premium, Bhubaneswar
2.	Er. Mamata Pattnaik, Env. Engineer	10 th - 14 th April, 2017	Data Management : Collection, Collation and Analysis of Environmental Data	Centre for Science and Environment, New Delhi.	Centre for Science and Environment, New Delhi.
3.	Dr. P. K. Prusty Sr. Env. Scientist (L-I)	11 th - 12 th April, 2017	International Conference on "Integrated Solid Waste Management Practices in Developing Countries"	CSIR - NEERI Nagpur, Maharashtra	CSIR - NEERI Nagpur, Maharashtra
4.	Dr. D. K. Behera Sr. Env. Scientist (L-I)	24 th May, 2017	E-Waste Management for Informal Sectors	BMC & Utkal Chamber of Commerce	Hotel Swosti Premium, Bhubaneswar
5.	Er. Sitikantha Sahu, EE	24 th May, 2017	E-Waste Management for Informal Sectors	BMC & Utkal Chamber of Commerce	Hotel Swosti Premium, Bhubaneswar

Sl. No.	Name & Designation	Date	Programme	Conducted by	Venue
6.	Dr. D. K. Behera Sr. Env. Scientist (L-I)	1 st June, 2017	National Training Programme on "Mining and other Extractive Industries" and presentation on EIA for Mining	International Centre for Environment Audit and Sustainable Development (ICED), Jaipur	International Centre for Environment Audit and Sustainable Development (ICED), Jaipur
7.	Shri Sawan Charan Soren, Addl. Admn. Officer	7 th – 9 th June, 2017	Training Programme on "Right to Information"	Madhusudan Das Regional Academy of Financial Management, Bhubaneswar	MDRAFM, Bhubaneswar
8.	Shri Santosh Kumar Kuanr, Law Officer	7 th – 9 th June, 2017	Training Programme on "Right to Information"	Madhusudan Das Regional Academy of Financial Management, Bhubaneswar	MDRAFM, Bhubaneswar
9.	Shri Anupam Behera Sr. Env. Scientist (L-II)	9 th June, 2017	Workshop on International Oil Pollution Compensation and Liability Regime	Ministry of Shipping, Directorate General of Shipping, IX Floor, Beta Building, I-Think Techno Campus, Kanjur Village Road, Kanjur Marg (East), Mumbai	Goa
10.	Dr. D. K. Behera, Sr. Env. Scientist (L-I)	24 th June, 2017	National Waste Management Summit, Hyderabad-2017	Greater Hyderabad Municipal Corporation, Municipal Complex, Tank Bund Road, Hyderabad-500063	Greater Hyderabad Municipal Corporation, Municipal Complex, Tank Bund Road, Hyderabad-500063

B. Training / Workshop / Seminar Organised or Sponsored by Board

Sl. No.	Training Programme	Duration	Venue	Collaborators
1.	Two Days National Seminar on "C.L.E.A.N TECH and Odisha Renewable Energy Policy, 2016"	6 th & 7 th April, 2017	Hotel Swosti Premium Bhubaneswar	SPC Board, Odisha Bhubaneswar & OMS Power Training and Research Institute (OMSPTRI)

C. Other Trainings

Training on “Vehicular Pollution and its Effect on Human Health and its Remedial Measures” was imparted to 140 traffic personnels in five batches at Urban Police of Traffic Training Institute, Laxmisagar, Bhubaneswar during April –June’2017.

Regional Officers’ Meeting

The Board has conducted Regional Officers Review Meeting on 06.05.2017 in the conference hall, SPC Board, Odisha, Bhubaneswar.

Partnership of OSPCB with EPIC-INDIA

Partnership of OSPCB with EPIC-India under University of Chicago

The Government of Odisha have collaborated with Energy Policy Institute at the University of Chicago (EPIC-India) and signed a Statement of Intent (Sol). As part of the partnership, EPIC-India has set up a knowledge cell wherein Bhubaneswar-based researchers will work closely with state government officials in designing innovative energy and environment solutions. The cell that was inaugurated on 3rd April, 2017 has been housed within the Head Office of Odisha State Pollution Control Board(OSPCB) at Bhubaneswar.



In the field of environment related projects the broad areas of cooperation between OSPCB and EPIC-India will be capacity building of Board officials on topics such as verification, data quality, calibration and evaluations of Continuous Emission Monitoring System (CEMS) installed as part of regulation for 17 categories of highly polluting industries and developing analytics and visualization to make CEMS data more accessible to OSPCB officials. EPIC-India will be developing a Standard Operating Process that includes CEMS Checklist and Protocols for online data acquisition and monitoring. EPIC team will be making field visits to various industries across Odisha for capacity building of Board officials at Regional offices and Head Office level.



Dr. Akhila Kumar Swar, Senior Environment Engineer, has been nominated as the Nodal Officer of SPCB, Odisha for all CEMS and Star Rating related activities of EPIC-India.

Compliance to Revised Emission Norms for Cement Industries

- The progress on compliance by the cement industries on revised emission norms was reviewed by CPCB and SPCB on 24.04.2017 in presence of Sri R. C. Saxena, Zonal Officer, CPCB, Kolkata and Member Secretary, SPC Board, Odisha, Bhubaneswar.



➤ M/s OCL India Ltd., (Rajgangpur and Kapilash works), M/s Shiva Cement Ltd., M/s Ultratech Cement Ltd., M/s ACC Ltd. & M/s Toshali Cement Ltd., attended the review meeting. On review it was evident that all the plants have made progress on implementation of their action plan as presented earlier on 06.01.2017 regarding pollution control measures.



Celebration of World Earth Day

The World Earth Day is being celebrated on 22nd April, 2017 by Regional Offices of State Pollution Control Board, Odisha.



SAVE OUR PLANET EARTH



PRINTED MATTER

To

If undelivered please return...



STATE POLLUTION CONTROL BOARD, ODISHA
PARIBESH BHAWAN, A/118, NILAKANTHA NAGAR, UNIT-VIII
BHUBANESWAR - 751012

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A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar-751 012, India.

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Editorial Board :

Sri D. Biswal, Member Secretary, Er. N.R.Sahoo, SEE-L-I, Er. S. Dash,
SEE-L-II, Dr. (Mrs.) J. R. Dash, Env. Scientist