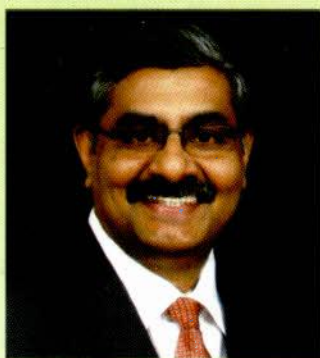


PARIBESH SAMACHAR

News Letter Vol. XXV. No.3

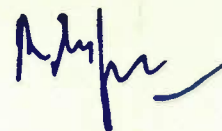
April - June, 2018

From the Desk of Chairman....



The State Pollution Control Board, Odisha, as a regulatory body, formulates strategies & policies and undertakes studies & plans for preventing pollution and protecting the environment. The demands of exponential growth in various sectors of the society and concurrent use of technology and developmental activities to meet the growth target have thrown up new challenges and pose issues of environmental concern. The Board has been constantly taking effective pollution preventing measures by enforcing Environmental Acts/Rules and sensitizing all stakeholders including the general public to play pro-active role so as to strike a balance between the desired development and conservation of natural resources, thereby ensuring a sustainable development.

The State Pollution Control Board is celebrating its **35th Foundation Day** on 15th September, 2018. While extending warm greetings to the employees of the Board on this auspicious occasion, I hope and trust that the SPC Board would continue its rich legacy of providing pro-active role and taking appropriate steps for prevention of pollution and protection of environment in the State of Odisha



R. BALAKRISHNAN, IAS



STATE POLLUTION CONTROL BOARD, ODISHA

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

BHUBANESWAR - 751024

From the Desk of Member Secretary....



Plastic manufacturing, destruction of plastic materials by incineration and disposal of plastic waste have posed severe threat to environment by destroying its fragile eco-system. More than 99% of plastics are produced from chemicals derived from non-renewable resources such as oil, natural gas and coal. A staggering 300 Million tonne of plastic waste are produced in a year, out of which 08 Million tonne end up in oceans alone through river-streams. The plastic waste, besides being poisonous food stuff for hundreds of aquatic species, clogging sewers, the accumulation of the ubiquitous, non-biodegradable stuff in the territorial, aquatic and air-borne environment is a direct threat to living organisms. The world is now waking up. The Govt. have started implementing measures to prevent the menace of plastic pollution. "Beat Plastic Pollution"–the theme of World Environment Day 2018 is most appropriate. Govt. of Odisha has already announced a ban on use of plastic with effect from 2nd Oct.2018 in all major cities of the State & also drawn up action plan to make Odisha, plastic free over the next two years. The State Pollution Control Board, as a regulatory body, has been taking initiative in this direction by appropriately advising the State Govt. and sensitizing the general public.

I hope, this "**Paribesh Samachar**" to be released on the occasion of Board's 35th Foundation Day, will help disseminate the activities of the Board to prevent pollution and protect our environment.

A stylized, handwritten signature in blue ink, consisting of a few bold, sweeping strokes.

D. BISWAL, IFS

Activities of The Board

Celebration of the World Environment Day, 2018

➤ **Participation of State Pollution Control Board, Odisha in National Exhibition at Vigyan Bhawan, Delhi during World Environment Day, 2018**

Government of India hosted the World Environment Day - 2018 at global level in collaboration with UN Environment. The theme for this year is **“Beat Plastic Pollution”**. Hosting this event by India is a prestigious programme and reflects the commitment of India for global leadership in resolving environmental issues.

The event was celebrated in a grand manner, with mass scale involvement of Central Ministries/Departments, all States and UTs, Civil Societies, Business World, Government Organizations etc. The main programme was held in Vigyan Bhawan from 1st - 5th June, 2018.

A number of conferences on various environmental themes were also organized in Vigyan Bhawan and deliberations were made by the national and international experts. Shri Suresh Chandra Mohapatra, IAS, Addl. Chief Secretary of Odisha, Forest & Environment Dept. and Shri D. Biswal, IFS, Member Secretary, SPC Board, Odisha attended the conference of State Environment Ministers.

Dr. HarshaVardhan, Hon'ble Minister, Ministry of Environment, Forest & Climate Change (MoEFCC) and other dignitaries of United Nation inaugurated the Conference and the exhibition.

On this occasion, a National Exhibition was held on various environmental themes at Raj Path, India Gate from 2nd - 5th June, 2018. The State Pollution Control Board, Odisha was the Nodal Agency for National Exhibition on behalf of the Odisha State. Exhibits were displayed in Stall No.24 (Exhibition Hall-7). Other Departments under the administrative control of Forest & Environment Department, Govt. of Odisha such as Regional Plant Research Centre (RPRC), Chilika Development Authority (CDA) and Centre of Environment Studies (CES) contributed the exhibits. There was digital as well as posters display in the exhibition. The exhibition stall was



Exhibition Stall of Odisha



Visit of Dr. HarshaVardhan, Hon'ble Minister, Environment, Forest & Climate Change, Govt. of India and Sri Siddhant Das, IFS DG, Forest & Spl. Secretary to GoI, MoEF&CC



Visit of Shri S. C. Mohapatra, IAS, Addl. Chief Secretary, F & E Dept., Govt. of Odisha

visited by dignitaries such as Dr. HarshaVardhan, Hon'ble Minister, Ministry of Environment, Forest & Climate Change (MoEFCC), Shri Suresh Chandra Mohapatra, IAS, Addl. Chief Secretary to Govt., Forest & Environment Department, Govt. of Odisha, Shri Siddhant Das, IFS, Director General and Special Secretary to Govt. of India, MoEFCC, Shri D. Biswal, IFS, Member Secretary, SPC Board, Odisha. Some of the comments of the esteemed dignitaries, who visited the exhibition stall are as follows.

Posters & Display Visuals, Odisha is very good & informative.

(Dr. HarshaVardhan, Hon'ble Minister, Environment, MoEF&CC, Govt. of India)

Excellent Exhibits. It seems OSPCB is doing very good work in the field of Pollution Control and Waste Management.

(Dr. B. Sengupta, Ex-Member Secretary, CPCB, New Delhi)

Excellent posters of the treasures of Odisha.

(FarhadVania, GIZ India)

Lots of Useful Information.

(Dr. Thomas Chandy, Principal Secretary, PCCF, Sikkim)

➤ **Observation of World Environment Day by Regional Offices of SPCB**

The State Pollution Control Board, Odisha observed World Environment Day on 5th June, 2018 through 12 Regional Offices. For the year 2018, the theme of the World Environment Day was "Beat Plastic Pollution". In this context, several programmes such as plantations, organizing debate / quiz/ rally / painting competitions followed by distribution of prizes, beach clean-up activities involving public / students of schools & colleges were conducted to create awareness for protection of environment.

Snap Shots during observation of World Environment Day by Regional Offices



Rayagada



Berhampur



Rourkela



Keonjhar



Bhubaneswar



Kalinganagar



Paradeep



Balasore



Angul



Sambalpur



Cuttack



Jharsuguda

Celebration of World Earth Day

- The World Earth Day was celebrated on 22nd April, 2018 by Regional Offices of State Pollution Control Board, Odisha.

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.
- **Blue Flag Beach Certification of Chandrabhaga Beach:**

The Chandrabhaga beach at Konark in the coast of Odisha will be the first in Asia to get the Blue Flag certification — the tag given to environment-friendly and clean beaches, equipped with amenities of international standards for tourists. Twelve more beaches in the country are being developed by the Society for Integrated Coastal Management (SICOM), an Environment Ministry's body working for the management of coastal areas, in accordance with the Blue Flag standards.

As per the proposal of Govt. of Odisha and MoEF& CC, Govt. of India; the OSPCB has been involved in conducting detail survey of environmental background of the coast.

- **Monitoring towards Blue Flag Beach:**

As per Blue Flag standards, a beach must be plastic-free and equipped with a waste management system. Clean water should be available for tourists, apart from international amenities. The beach should have facilities for studying the environmental impact around the area.

In total 138 samples were collected in four phases fortnightly from six different locations. Parameters those are analyzed for the water samples include Colour, Odour, pH, Turbidity, Dissolved Oxygen, Biochemical Oxygen Demand, Fecal Coliform, Fecal Streptococci and Oil & grease.



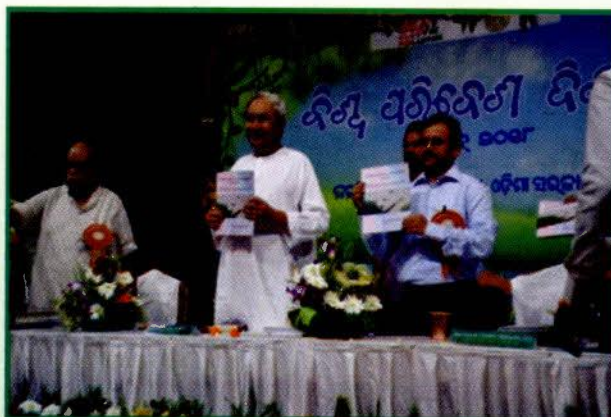
Sample Collection by ICZMP Team

➤ **Training and workshop attended by staff of ICZMP, SPCB, Odisha**

Sumitra Nayak, AES attended BRNS-AEACI Thirteenth School on Analytical Chemistry (SAC-13) from 23rd-30th April, 2018 at Department of Hydro & Electrometallurgy, CSIR-IMMT, Bhubaneswar, Odisha.

➤ **Publication by ICZMP, SPCB, Odisha:**

- "Environmental Status Report – 2015-2017" for the coastal stretches of Paradeep, Gahirmatha-Bhitarkanika and Dhamra in the Bay of Bengal, India, published by ICZMP, SPCB, Odisha was released during World Environmental Day on 5th June, 2018 at Rabindra Mandap by Hon'ble Chief Minister Shri Naveen Patnaik.
- Report card on Paradeep-Gahirmatha-Dhamra Ecosystem-2017 published by ICZMP, SPCB, Odisha was released during World Environmental Day on 5th June, 2018 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 150 industries and 23 mines in the State.

Public Hearing

The Board conducted following 05 public hearings during April-June, 2018.

| Sl. No. | Name of the Project | Purpose | Date |
|---------|---|--|----------|
| 1 | Dhamraport Company Ltd., Bhadrak | Revised master plan for Development of Dhamra Port | 11.04.18 |
| 2 | Khairbandha Barrage Project, Mayurbhanj | Construction of Barrage across Khairibandha river | 13.04.18 |
| 3 | Damadara Ropeway & Infra Ltd., Nandan-Kanan Zoological Park, Bhubaneswar, Khordha | Pulsated Monocable System Passenger Ropeway | 18.05.18 |
| 4 | Bhaskar Steel & Ferro Alloys Pvt. Ltd., Badatumkela, Sundargarh. | Modification - cum - Expansion of existing steel plant capacity from 0.1 MTPA billet to 0.26 MTPA billet out of which 0.132 MTPA to be converted to TMT rods | 25.05.18 |
| 5 | Bharat Petroleum Corporation Ltd., Baulsingha, Bhatli, Bargarh. | Establishment of 100 KLPD Lignocellulosic 2G Ethanol Plant | 27.06.18 |

Consent Committee

The following Consent Committee Meetings were held by the Board at Head Office, Bhubaneswar to discuss consent to establish of various projects and disposed 18 cases during the reporting period.

| Consent Committee Meeting | |
|---------------------------|-----------------------------------|
| Date | No. of cases discussed & disposed |
| 26.04.2018 | 07 |
| 29.05.2018 | 05 |
| 29.06.2018 | 06 |
| Total | 18 |

Consent to Establish

“Consent to Establish” with stipulations of appropriate pollution control measures has been granted by the Board to 245 industries, hotels, mineral stack yards, mineral processing units, railway sidings, stone crushers, brick kilns and DG Sets (as stand-by) etc. during April - June, 2018.

Consent to Operate

“Consent to Operate” has been granted to 651 industries, mines, hotels, hospitals, Housing complexes, Country Liquor units, 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 47 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, 2018.
- The Board has authorised 05 Actual Users (inside Odisha) & 13 Actual Users (outside Odisha) during the reporting period for the utilization of following hazardous wastes.
 - Used oil
 - Waste oil
 - Aluminium Dross
 - Empty Barrels/containers

Implementation of the Bio-Medical Waste Management Rules,2016

The Board has granted authorization to 162 health care facilities and issued show cause notices to 13 units & Direction of closure to 04 units under the Biomedical Waste Management Rules, 2016 during the said period.

Violations

The Board has issued 81 show cause notices, 54 directions of closure and 06 refusal of consent due to violation of provisions of the Rules during April - June, 2018.

Legal Matters

The Board has filed/counter filed 68 cases in various Courts during April-June, 2018, out of which 14 cases have been disposed during the reporting period.

| Sl. No. | Name of the Court | No. of Cases | |
|---------|--|-------------------------|--------------------------|
| | | Filed/Counter filed | Disposed |
| A. | High Court | | |
| 1. | PIL | 05 | 04 |
| 2. | Writ | 44 | 06 |
| B. | N.H.R.C. / O.H.R.C. | 09 (NHRC-06+OHRC-03) | 01 (NHRC-Nil+OHRC-01) |
| 1. | Cases before the National Green Tribunal | 10 | 03 |
| | Total | 68 | 14 |

Environmental Monitoring

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. These towns are Angul, Talcher, Rourkela, Rayagada, Bhubaneswar, Berhampur, Puri, Cuttack, Sambalpur, Jharsuguda, Keonjhar, Balasore, Kalinga Nagar (Jajpur), Paradeep, Konark and Rajgangpur.

- a) Central Laboratory and Regional Offices have analyzed 2907 samples under NAMP/SAMP.
- b) The Board has conducted 379 ambient air quality monitoring in Industrial areas and source emission monitoring at two stations for regulatory purposes.
- c) As many as 1433 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.
- d) The Board has analyzed 591 industrial water samples during the period of April-June, 2018.
- e) The Board has analyzed 08 solid waste samples for regulatory purpose.
- f) Samples from 204 stack emissions have been collected and analyzed.

- g) The State Pollution Control Board has conducted 21 noise monitoring studies by different Regional Offices at various occasions during the reporting period.
- h) Technical support has been provided to Commissionerate of Police for performance evaluation of sound limiters of 16 band parties in respect of noise level [Limited to 65 dB(A)].

Awareness Programmes

For creation of awareness amongst the public the Board published advertisements relating to environmental issues, in different periodicals/News papers/Souvenirs.

- The Board has published five public notices for conducting public hearings
- Awareness was made through public address system and poster displays on “Beat the Plastic Pollution” declared by UNEP
- Sensitization programme on Municipal Solid Waste Management was conducted on 19th May, 2018 at Paradeep Municipality in collaboration with Regional Office, Paradeep.

RTI & Public Complaints

The Board has disposed 130 applications providing information under the Right to Information Act, 2005 and addressed 93 public complaints during April - June, 2018.

Human Resource Development

- The Board officials are nominated to attend various training/ workshop/seminar as Resource Person and Participants. Officials have attended as Resource Person in 05 programme. 06 programme were attended by officials as participants.
- **Training / Workshop / Seminar Organised or Sponsored by Board**

| Sl. No. | Training Programme | Duration | Venue | Organised / Sponsored by |
|---------|--|----------------------------|--|--|
| 1. | Conference on “Climate Change Initiatives” | 31 st May, 2018 | Hotel Hindustan International, Bhubaneswar | Indian Chamber of Commerce (ICC) & State Pollution Control Board, Odisha |
| 2. | Observation of “World Environment Day” | 5 th June, 2018 | Unit-II Market Building Complex, Bhubaneswar | Rotary Club of Bhubaneswar & SPCB, Odisha |

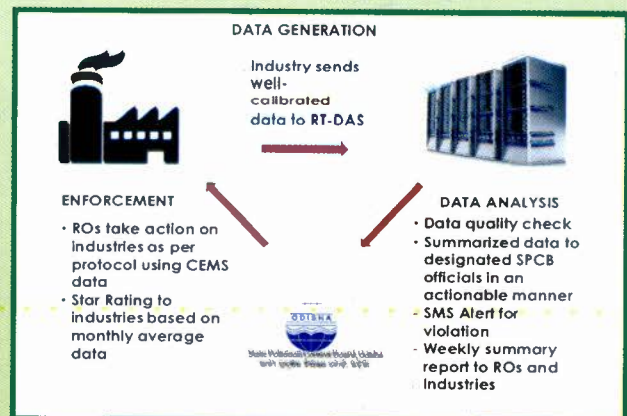
➤ Other Trainings

- Training on "Vehicular Pollution and its Effect on Human Health and its Remedial Measures" was imparted to 210 traffic personnels in six batches at Urban Police of Traffic Training Institute, Laxmisagar, Bhubaneswar during April – June'18.
- Four Environmental students of Pondicherry University were guided for undertaking their Summer Internship work in the Central Laboratory.

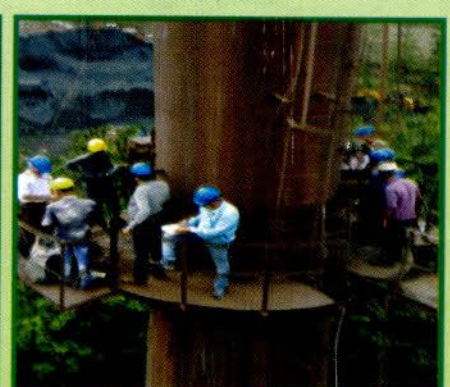
Partnership of OSPCB with Energy Policy Institute at the University of Chicago (EPIC-India)

Star Rating Preparations (Calibration and Data Validation of PM-CEMS)

For the 1st phase Star Rating Rollout, 25 industries from different sectors were chosen and their PM-CEMS were calibrated during April-May 2018. The Star Rating is calculated based on two factors: particulate matter emissions averaged over a month compared with permissible limit and data availability as prescribed by CPCB guidelines. Industries sending less than 85% of data on daily basis will be considered as defaulters, as per CPCB guidelines and automatically be given a one star. This may be mentioned that 5-star is considered as the highest rating in this program. Star Rating will be soon launched through a dedicated portal and will be accessible from <http://ospcboard.org/>.



Calibration and Validation of Data from PM-CEMS for 1st Phase



Calibration drive for 1st Phase Star Rating Industries

Beat Plastic Pollution

**BRING YOUR
BAG.**

**NO MORE
PLASTIC BAGS.**



PRINTED MATTER

To



If undelivered please return

STATE POLLUTION CONTROL BOARD, ODISHA
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit -VIII,
Bhubaneswar - 751 012

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