

**MINUTES OF THE 155th MEETING OF THE
GOA STATE POLLUTION CONTROL BOARD
HELD ON 12th MAY, 2023, 2022 AT 3.00 PM,
IN THE CONFERENCE HALL OF THE BOARD**

I. The 155th meeting of the Goa State Pollution Control Board was held on 12th May, 2023 at 3.00 pm in the Conference hall of the Board.

The following members attended the meeting:

1.	Mr. Mahesh K. Patil, Chairman
2.	Mrs. Jyoti Sardessai, Director, Dte. of Food & Drugs, Govt. of Goa
3.	Directorate of Health Services, was represented by officer from the Directorate
4.	Shri Shubham Chodankar, Councillor, Corporation of the City of Panaji
5.	Shri Ashirwad T. Khorjuvenkar, Councillor, Mapusa Municipal Council,
6.	Shri Pradip K. Naik, Councillor, Curchorem – Cacora Municipal Council,.
7.	Chairperson Confederation of Indian Industries was represented by Mr. Ankur Promal
8.	President, Goa Chamber of Commerce & Industries was represented by Mr. Sanjay Amonkar, Director General, GCCI
9.	Shri Nilesh Shah, President, Travel and Tourism Association of Goa
10.	Managing Director, Goa Waste Management Corporation was represented Mr. Digvijay Desai, Assistant Manager
11.	Dr. Shamila Monteiro, Member Secretary

Managing Director, Goa State Infrastructure Development Corporation, and Chief Inspector of Factories and Boilers, expressed their inability to attend the meeting. Leave of absence was granted to them

II. At the outset the Member Secretary welcomed the Chairman and Members for the 155th meeting of the Board. With the permission of the Chair, she instructed Miss Connie Fernandes, Scientist 'C' to make a presentation on the activities carried out by the Board during the last three months:

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- a. Continued the display of hoardings at six prominent locations at Dabolim airport, Bambolim, Guirim, Banastarim and Keserval through M/s Advertising Associates.
- b. Students of Second year B.Sc (Agriculture) visited in the Board laboratory.
- c. Board officials participated in the CPPRI initiated NABL training programme in Saharanpur
- d. Chairman, GSPCB attend World Sustainable Development Summit Meet (WSDS), 2023 at New Delhi.
- e. Chairman attend National Climate Conclave held at Lucknow, U.P and Chaired the panel discussion on Resource Efficiency and Circular Economy.
- f. Knowledge sharing sessions were held by the following units – (i) M/s SUAL Ec-Tech Pvt. Ltd. – presentation on eco friendly and sustainable solutions in the area of waste management. (ii) M/s Sigma Molecules – presentation on water treatment plant for industrial waste water (iii) M/s Valuable Energy – presentations on solubag – the revolutionary 100% water dissolvable, non toxic and non plastic packaging film material. (iv) M/s Comtrack – presentation on compliance solution of organizational procedures and policies.
- g. Environmental Audit of the following units were conducted by the Environment Audit Team: (i) Selective units - Fish mill processing / Induction – furnaces located in Cuncolim Industrial Estate (ii) Mormugao Port Authority (iii) M/s Goa Shipyard Ltd. (iv) Pharma units (selective) – M/s Lupin, M/s Ion Exchange located in Verna Industrial Estate (v) M/s Berger Paints Ltd., Kundaim Industrial Estate (vi) M/s Seahath Canning, Margao Industrial Estate (vii) M/s Ganesh Benzoplast Ltd., Vasco.
- h. The Board in partnership with Confederation of Indian Industry has successfully organized the 1st International Environment and Sustainability Summit, Goa from 2nd to 4th February, 2023. National Environmental Engineering Research Institute (NEERI) was the knowledge partner and Global Reporting Initiative (GRI) was the Network partner. 6th Envirotech Asia Expo was held simultaneously.
- i. Interactive session was held at M/s Cipla – Unit I, Verna Indl. Estate with Executive members of Verna and Cuncolim Industrial association on the subject matter of Environmental Audit as mandated in the Goa Air and Goa Water Rules.
- j. Online Noise level monitoring (real time) instrumentation – 8 nos. were procured through M/s Welan Technologies
- k. Web camera with VC compatibility installed in the meeting rooms. Control room has been established to receive information / data

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transmitted through Continuous Ambient Air Quality Monitoring Stations set up by industrial units in the State.

- l. Board carried out Electrical Safety Audit
- m. I.T section of the Board participated in IDC Connect event towards creating awareness about the procedural formalities to be mandated for OCMMS registration
- n. CII, Hyderabad / Goa in association with GSPCB organized interactive session with Industry representative in response to a MoU executed between CII and GSPCB on 'Green Rating System'
- o. Board organized technology specific presentations on Applicability of Retrofit emission control device in D.G sets as mandated by (a) M/s Cummins and (b) M/s Chakr Innovations

III. Thereafter, the following Agenda items were taken up for discussion and deliberation.

Agenda item no. 1

Confirmation of the minutes of the 154th meeting of the Goa State Pollution Control Board held on 12/01/2023

The Member Secretary informed that the minutes of the 154th meeting of the Board held on 12/01/2023 were forwarded to all the members vide this office letter no. 4/154/23-PCB/Admn./20480 dated 23/01/2023. As no comments were received from any members, the minutes of the meeting were confirmed, so as to enter the same in the Minutes Book.

Agenda item no. 02

Follow up action on the decision taken at the Confirmation of the minutes of the 154th meeting of the Board held on 12th January, 2023

Agenda item no. 6 – Members noted that Consent to Establish of M/s Deccan Fine Chemicals (India) Private Limited located at survey no. 28/1-A, Santa Monica Works, Corlim, Tiswadi Goa, for additional products.

Table item no. 1 - *Appointment of staff for control Room* - Members noted that the Control was made operational an Intern was appointed on a consolidated salary of Rs. 6000/- per month.

Members noted that the consolidated salary of Rs. 6000/- per month is meager considering the present day inflation. Member Secretary clarified that the amount is a stipend for the student who have to complete their internship during the

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course of their studies, which is of duration of one month to three months to complete their graduation/ post graduation. After deliberations it was agreed to raise the stipend amount to the Interns to Rs. 10,000/- per month.

a. Members accorded ex post facto approval for appointment of four nos. of Junior Research Fellows on a consolidated salary of Rs. 20,000/- per month for a period of six months (extendable).

b. Members accorded ex post facto approval for appointment of 5 nos. of Junior Research Fellows on a consolidated salary of Rs. 20,000/- per month and 04 nos. of posts of Field on a consolidated salary of 15,000/- per month, on contract basis for a period of one year (extendable), to meet the manpower required for monitoring 44 new monitoring locations under National Water Monitoring Programme (NWMP), as sanctioned by Central Pollution Control Board.

c. Members accorded ex post facto approval for appointment of 6 nos. of Junior Research Fellows on a consolidated salary of Rs. 20,000/- per month on contract basis for a period of one year (extendable), to meet the manpower required for monitoring 34 new stations and 03 new stations for rural area under National Air Quality Monitoring Programme (NAMQP), as sanctioned by Central Pollution Control Board.

d. Member Secretary informed the members that 05 sanctioned post of Junior Environmental Engineer are vacant. Since the Board required urgent manpower in light of various orders and directions passed by the Hon. High Court, these five posts were advertised to be filled on contract basis as Junior Research Fellows, on a consolidated salary of Rs. 20,000/- per month till such time administrative process is completed for filling of the vacant posts. Members accorded ex post facto approval.

Table item no. 2 – Members applauded the Chairman, Member Secretary and the staff for successfully organizing the 1st International Environment and Sustainability Summit held 2nd to 4th February, 2023 at Dr. Shyama Prasad Mukerjee Indoor Stadium, Taleigao. Member Secretary further informed that the event would not have been a success without the assistance of the Confederation of Indian Industries and Goa Chamber of Commerce and Industries.

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Agenda item no. 03

Follow up action on the decision taken at the Confirmation of the minutes of the 153rd meeting of the Board held on 11th October, 2022

Agenda item no. 03 - Condemnation of office vehicles – Member Secretary informed the members that the Board had taken decision to condemn the office vehicles after getting upset value of the vehicle from PWD and condemn the vehicle to be sold as scrap by call of quotations from the open market. She further informed that the Goa Waste Management Corporation have issued a Circular dated 06/05/2022 stating that Government has designated the Goa Waste Management Corporation (GWMC), Saligao Goa as the Nodal agency for condemnation of vehicles and obsolete items/ scarp materials, unserviceable equipment etc. to provide single window clearance and service by virtue of which all codal procedures such as inspection at site, fixing of upset value, etc. shall be carried out by GWMC and all funds received from this activity to be deposited in the Govt. Treasury through Department of Science, Technology and Waste Management, Govt. of Goa after deducting 10% service charges on accepted auction amount i.e received amount after disposal of condemned articles to GWMC.

Member Secretary further informed that in compliance to the above Circular clarifications were sought from GWMC with respect to depositing the amount in the Board account instead of Government Treasury as the Board is not under the consolidated funds of the State Government. Reply from GWMC is awaited.

Agenda item no. 04

Draft Manual for Notification with respect to establishing conditions for use of treated water for Effluent Treatment Plants / Sewerage Treatment Plants.

Member Secretary informed the members that Goa State Pollution Control Board had issued directions on 10th March, 2000 which recommended seepage pits, dispersion trench and up flow anaerobic filters in addition to septic tank and soak pit for treating of waste water from ETPs/STPs.

Member Secretary further informed that the Board is receiving numerous complaints with regard to the overflow of sewage / sullage from septic tank and soak pit which result into pollution of streams, lakes and ponds. She further informed that the current design of soak puts and septic tanks is not adequate to operate with the underlying conditions as the retention time is low. Further it was informed that as per IS:2470 and CPHEEO, soak pits are not permitted within 15

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metres distance from any source of drinking water, hence alternate systems have to be recommended for treatment of sewage and the treated water to be used for gardening and flushing purpose. Member Secretary further informed that the Manual was necessitated in reference to the PIL no. 443/98.

With the permission of the Chair, Member Secretary directed the Environmental Engineer of the Board to give a presentation on the proposed Draft Manual.

Environmental Engineer placed before the members that a Committee was constituted by the Chairman of the Board comprising of the officials from various stakeholder departments, academicians from Higher Educational Institutions to examine alternative systems for the treatment of sewage water. Accordingly the Committee after detailed discussions held on a number of occasions submitted its report, and the same was examined by the Board. The Committee has recommended alternate system which could be also installed within 15 metres from the drinking water source for upto 300 nos. of users. The Draft Report was explained to the Members.

Members perused and approved to forward the Report to the Department of Environment and Climate Change for Notification in the Government Gazette.

Agenda item no. 05

Representation received from Goa Chamber of Commerce and Industry for commissioning of Continuous Ambient Air Quality Monitoring System in Kundaim Industrial Estate

Member Secretary informed the members that the office is in receipt of a representation from Goa Chamber of Commerce and Industries requesting to commission Continuous ambient air quality monitoring stations (CAAQMS) in Kundaim Industrial Estate, due to high air quality standards.

Member Secretary informed the members that the Board has a NAMP station in Kundaim Industrial Estate near the IDC office and is monitoring the air quality accordingly. Chairman stated that indicative sensor based monitoring stations shall be installed after identifying the hotspots in Kundaim Industrial Estate, which needs to be financed by Industry as part of their CSIR activities. The Board shall send its mobile CAAQMS as and when necessary.

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Agenda item no. 06

Application for Consent to Operate (new) under the Water Act, Air Act and the Hazardous and other Waste Rules) for the operation of the Sewage treatment Plant of 5.6 MLD capacity located at Baga, Calangute – Goa.

Member Secretary informed the members that the Board was in receipt of an application for Consent to Operate Consent to Operate (new) under the Water Act, Air Act and the Hazardous and other Waste Rules) for the operation of the Sewage treatment Plant of 5.6 MLD capacity located at Baga, Calangute – Goa. She further informed the members that the plant was granted Consent for trial operation of the plant for a period of six months. At present sewage is brought to the plant by Sewage tankers as the service lines are not yet connected.

It was also brought to the notice of the members that the Board has received complaints from the Panchayat with reference to the operation of the plant and release of untreated sewage into the Baga creek and bringing in industrial sewage. The Board has sought explanation from the PWD with respect to the Industrial sewage.

Members after deliberations approved to grant Consent to Operate the STP for trial operation of six months to stabilize the STP. Further it was decided to seek time line from Public Works Department, for connecting to the sewer lines to the STP

Agenda item no. 07

Application for Consent to Operate (expansion) under the Air Act and the Water Act of M/s. Deccan Fine Chemicals (India) Private Limited, located at Survey no.28/1-A, Santa Monica works, Corlim, Tiswadi-Goa.

Member Secretary informed the members that the Board is in receipt of an application from M/s. Deccan Fine Chemicals (India) Private Limited, for Consent to Operate (expansion) under the Air Act and the Water Act. The members perused the details of the units and sought clarifications as to disposal of treated waste in the Cumbarjua canal. Member Secretary clarified that the unit is having online monitoring system to check the discharge system.

The members after deliberations approved for grant of Consent to Operate (expansion)

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Agenda item no. 08

Application for Consent to Operate (new) under the Air Act and the Water Act of M/s. Public Works Department, 2 MLD Sewage treatment plant (STP), located at Patto, Panjim-Goa.

Member Secretary informed the members that the Board is in receipt of an application from Public Works Department for commissioning 2 MLD Sewage treatment plant (STP) at Patto, Panaji.

The members after perusal of the agenda notes desired to inspect the plant. The inspection has been scheduled on 17th May, 2023 at 10.00 am. Decision on the grant of Consent will be taken up subsequently.

Agenda item no. 09

Application for Consent to Operate (New) under the Air Act and the Water Act of M/s Public Works Department, 15.00 MLD Sewage treatment plant (STP) located at Queula, Ponda – Goa.

Member Secretary informed the members that the Board is in receipt of an application from Public Works Department for commissioning the 15.00 MLD Sewage Treatment Plant (STP) located at Queula, Ponda – Goa.. Members perused the agenda notes and after deliberations decided to grant provisional Consent to Operate for six months for trial run till such time online monitoring system is installed.

Agenda item no. 10

Board property at Patto, Panaji Goa.

Member Secretary informed the members that the Board is in receipt of a letter from Department of Home (General), requesting to transfer land under PT sheet no. 46 of Chalta no. 10 (Part) at Patto, Panaji Goa to the Goa Police Department for construction of Panaji Coastal Security Police Station.

Member Secretary further informed the members that the said land admeasuring 720 sq. mtrs. earlier housed the office of the Goa State Pollution Control Board. She further informed that on perusal of the records it was seen that Form I and XIV issued by the Dept. of Settlement and Land Records, Panaji, indicates that Goa State Pollution Control Board is the Occupant of the aforesaid land. She further informed that the land is classified under C-1 zone with F.A.R 200.

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Members noted the above, and decided since the land is located in a prime location, the office should avail the opportunity and construct a building so as to augment the income of the Board.

After deliberations it was decided to appoint a Consultant / Advisor to prepare a detailed report on cost as well as best options. Members approved to reply to Panaji Coastal Security Police stating that the Board is proposing to develop the said land.

It was also deliberated that the Board should have an office in South Goa (South Goa Collectorate) and one in Panaji to receive applications / support to the general public in resolving queries etc., as the public is facing difficulties in travelling to the main office at Saligao due to inadequate transport facility. Members approved for the same.

Agenda item no. 11

Implementation of Performance Related Incentive Scheme to the employees of the Board.

Member Secretary informed the members that the Board is proposing to formulate and implement 'Performance Related Incentive Scheme' for its employees in order to motivate its employees and encourage maximum service output from them so as to enhance the overall performance of the Board.

She further explained to the members that Performance Pay proposed would be an amount paid to an employee based on his or her overall performance. It would be based on how the employees have performed in his or her respective work. It will be pay that is given in addition to the basic pay or salary of the particular employee. The incentive or the bonus will be given to the employee in the basis of individual and also team or group level performance. The measurement of the performance pay will be of the targets that the employee achieves and how effective output that he or she gets. Once the scheme is launched, all the employees will be assessed on the basis of their yearly performance and will be paid a performance pay along with their basic pay.

Members desired to know whether this practice was followed in other State Boards, for this query Member Secretary informed the members that every Pollution Control Board has its own schemes / incentives to the staff.

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After discussions, it was approved for implementation of the Performance Related Incentive Scheme to the employees of the Board effective from the financial year 2023-2024. It was also agreed that the detailed Evaluation form be formulated through H.R. Consultant.

Agenda item no. 12

Revised Budget Estimate for the year 2022-2023 and Budget Estimate for the year 2023-2024

Member Secretary, as per section 38 of the Water (Prevention and Control of Pollution) Act, 1974, placed before the Members the Revised Budget Estimate for the year 2022-2023 and Budget Estimate for the year 2023-2024 prepared in Form VI and VII, as prescribed in Rule 31.

With the permission of the Chair, Member Secretary directed the Accountant of the Board to give a presentation on the Budget proposal.

The Accountant placed before the Members the Budget Estimate for the year 2023-2024 at Rs. 2503.18 lakhs. The Budget Estimate for 2022-2023 was Rs. 234.42 lakhs and the receipts for the year were Rs. 2803.13 lakhs

Members desired to know the service benefits provided to the staff of the Board. It was informed that the staff are paid Gratuity and Insurance through Life Insurance Corporation, for which the Board has tied up with for disbursement of the amount and Employees Provident Fund, which is paid directly to the employee


Members approved the Revised Estimate for the financial year 2022-2023 and Budget Estimate for the year 2023-2024, prepared in Form VI and VII, so as to forward the same to the State Government.

- IV. With the permission of the Chair, the members raised the following issues:
- a. President, Travel and Tourism Association of Goa raised the issues with respect to obtaining various approval of the Govt. for operation of the shacks. He also cited the recent orders of the Hon. High Court, wherein Consent to Operate of the Board was mandatory. He further stated that since shacks are seasonal, it is difficult to complete all the formalities within a short time and as such requested for streamlining the process. Chairman informed that as far as Consent is concerned, the same is processed and issued within a period of seven days. However the NOC of Panchayat and other matters, the TTAG could take up the matter with

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- the Tourism Dept., Goa Coastal Zone Management Authority and Panchayat Department.
- b. Representative of Confederation of Indian Industry sought extension of time with respect to installation of D.G sets of 125 KVA and above. He further informed that since generators are used only as back up since the cost involved is high. The Board agreed to the proposal for extension of time.
- c. Representative of Goa Chamber of Commerce and Industry highlighted the online fee calculation stating that the online fee calculation shows on a high side of the fees to be paid for Consent Management. Member Secretary clarified that the fees are calculated based on the on the Gross Fixed Assets of the Unit.

The meeting ended with thanks to the Chair.


(Dr. Shamila Monteiro)
Member Secretary


(Mr. Mahesh Patil)
Chairman