

**MINUTES OF THE 114th MEETING OF THE
GOA STATE POLLUTION CONTROL BOARD
HELD ON 19th AUGUST, 2014 AT 3:00 pm
IN THE BOARD'S CONFERENCE HALL**

1. The 114th meeting of the Goa State Pollution Control Board was held on 19th August, 2014 at 3.00 pm in the Conference hall of the Goa State Pollution Control Board.

The following members / officials attended the meeting

1.	Mr. Jose Manuel Noronha, Chairman, Goa State Pollution Control Board.
2.	Addl. Principal Conservator of Forests, Department of Forests was represented by Mr. Ramesh Dessai, DCF (WL/S)
3.	Mr. S.T. Nadkarni, Chief Engineer, Water Resources Dept.
4.	Director of Industries, Trade and Commerce was represented by Mr. Mr. B.T. Odarkar
5.	Director of Mines was represented by Mr. Manuel Barreto, Assistant Director of Mines.
6.	Dr. Vassudev Deshprabhu, Chairperson, Pernem Municipal Council
7.	Mr. Tony Rodrigues, Councillor, Corporation of the City of Panaji
8.	Ms. Fatima Pereira, Sarpanch, Village Panchayat Velsao
9.	Mr. Narayan Naik, Village Panchayat Sancoale
10.	Dr. Pramod Sawant, Vice Chairperson, Goa State Infrastructure Dev. Corpn.
11.	Mr. Levinson Martins, Member Secretary

II. At the outset the Chairman welcomed all the members present for the 114th meeting of the Goa State Pollution Control Board. Thereafter, the agenda items were taken up for discussion

The Chairman informed that Mr. Shekhar Sardessai had sought leave of absence which was granted.

Agenda Item no. 01

Confirmation of the minutes of the 113th meeting of the Goa State Pollution Control Board held on 27th May, 2014.

The members perused and confirmed the minutes of the 113th meeting of the Goa State Pollution Control Board held on 27th May, 2014, so as to enter the same in the minutes book.

Agenda Item no. 02

Follow up action on the decision taken at the 113th Meeting of the Board.

Agenda item no. 3 – Chairman informed the members that the Annual Report of the Board for the year 2013-2014 were forwarded to the Director, Dept. of Environment, Govt. of Goa, as informed by the Dept. of STE the reports will be placed before the Goa Legislative Assembly in the ensuing Assembly session.

Agenda item no. 4 – The members noted that Consent to Operate under the Water Act and the Air Act (expansion) has been issued to M/s Sanofi India Limited as clearance from HPCC is awaited.

Agenda item no. 5 – Members noted that Consent to Establish under the Water Act and the Air Act (expansion) has been issued to M/s Swanson Plastics (India) Pvt. Ltd.

Agenda item no. 6 - Members noted that Consent to Operate under the Water Act and the Air Act (expansion) has been issued to M/s Pentair Water India Pvt. Ltd.

Agenda item no. 7 – Members noted that Consent to Operate under the Water Act and the Air Act (expansion) has been issued to M/s Tata Consultancy Services Ltd.

Agenda item no. 8 – Members noted that the decision of the Board to levy fees for correction in the Consent / Authorization orders has been forwarded to the Director, Dept. of Environment for issue of a suitable Notification.

Agenda item no. 12 – Members noted that the decision of the Board for empanelment of an agency by the Board for booking of tickets / vehicle / accommodation on official tours is under process and an advertisement in this regard would be issued shortly.

Agenda item no. 13- Members noted that a vehicle Honda City costing Rs. 9,78,333/- has been purchased for the Chairman of the Goa State Pollution Control Board.

Agenda item no. 14 – Members noted that the decision of the Board for extending time for obtaining Consent to Operate under the Water and Air Act and waiver of fees upto 31/12/2014 has been forwarded to the Director, Dept. of Environment for issue of a suitable Notification.

III. Members noted that a Memorandum of Understanding has been signed with the Management of BITS Pilani, Zuarinagar, a list of officials of the Board proposed to be deputed for the studies has been submitted to BITS Pilani for scrutiny.

IV. Chairman informed the members that drawings for the proposed Board facility at Saligao have been submitted to the Town and County Planning Dept., Govt. of Goa, Mapusa for approval, and simultaneously, a file has also been submitted to the Collector, North Goa for conversion of the allotted land admeasuring 4803 sq. mtrs. from Orchard to Institutional. He further informed that the soil testing work was required to be carried out at the proposed site and the contract for this activity has been awarded to M/s Alcon Constructions (Goa) Pvt. Ltd., Panaji, after which a detailed estimate would be prepared for e-tendering purpose. He further informed that the construction work would most probably start by September, 2014.

Agenda item no. 03

Setting up of Continuous Ambient Air Quality Monitoring Station(s) - Instructions received from the Central Pollution Control Board (CPCB).

Chairman informed the members that the Board had received a letter from the Member Secretary, Central Pollution Control Board stating that as per the 58th Conference of the Chairmen and Member Secretaries of SPCDs and PCCs held on 21st to 22nd February, 2014 at Bengaluru, a resolution was passed that Continuous Ambient Air Quality Monitoring (CAAQM) Station atleast one each will be set up in one million plus cities (as per Census 2011) and State Capitals, for which, State Boards are required to install CAAQM stations on 50:50 fund sharing basis between CPCB and concerned State Pollution Control Board. It was informed that the parameters to be monitored are SO₂, NO₂, NH₃, CO, O₃, PM_{2.5}, PM₁₀ and Benzene as per the Revised national Ambient Air Quality Standards, 2009 (except metals and BaP) and the estimated capital cost of one CAAQM station is Rs. 110.00 lakhs.

Chairman stated that the CAAQM stations are required to be procured by inviting global tenders and the bidding documents for supply, installation, commissioning and operation and maintenance of the CAAQM and technical specifications of the instruments and equipment would be provided by CPCB. He further informed that, CPCB would assist the State Board in technical matters and participate in technical committee meetings. He also stated that the Goa State Pollution Control Board has to bear the operation and maintenance cost of the CAAQM station and this CAAQMS is required to be maintained under the supervision of the SPCB. He further stated that the monitoring data of the CAAQM has to be made available on GSPCB and GSPCB websites.

Shri Levinson Martins, Member Secretary stated that Member Secretary, CPCB has requested to convey the Boards acceptance to install CAAQM station at Panaji as a State Capital and to bear the 50% capital cost and annual operation and maintenance cost and that CPCB proposed to release its share within this financial year. He further stated that the Board has to accordingly intimate CPCB of the decision of its meeting Board in this regard.

Chairman further informed the members that process for locating the station at Panaji is underway. After detailed discussions, the members approved the proposal to establish a CAAQM at Panaji and suggested that a request be forwarded to the State Government for incurring 50% of the total cost towards installation of the CAAQM.

Agenda item no. 04

Application of M/s Birla Furukawa Fibre Optics Limited, Plot nos. L-62 to L-64, Verna Industrial Estate, Verna, Salcete Goa for Consent to Operate under the Water Act and the Air Act (expansion)

The Chairman informed the members that M/s Birla Furukawa Fibre Optics Limited, has submitted a proposal for expansion in the manufacturing capacity of optical fibre from 60 lakhs km/annum to 80 lakh km/annum.

The members noted that the unit has to make provisions for rain water harvesting and re-charging of wells, within their premises, so as to recharge the ground water aquifer, which has been depleted. The members observed that the applicant unit may be required to take permission from the Ground Water Officers appointed under the Goa Ground Water Regulation Act, 2002, for construction of bore wells or utilization of the ground water in the area.

The members suggested that the unit should submit their plans for rain water harvesting and re-charge of wells along with designs to the Water Resource Department for scrutiny and approval.

The members approved the proposal of M/s Birla Furukawa Fibre Optics Limited, Plot nos. L-62 to L-64, Verna Industrial Estate, Verna, Salcete Goa, for Consent to Establish under the Water Act and the Air Act (expansion), subject to implementation of rain water harvesting and ground water recharge

Agenda item no. 05

Application of M/s Himachal Futuristics Communications Limited, Plot nos. L-35, 36, 37, Verna Industrial Estate, Verna, Salcete Goa for Consent to Establish under the Water Act and the Air Act (expansion)

The Chairman informed the members that M/s Himachal Futuristics Communications Limited, has submitted a proposal for expansion in the manufacturing capacity of optical fibre cables from 48000 km/annum to 80000 km/annum.

The members noted that the unit has to make provisions for rain water harvesting and re-charging of wells, within their premises, so as to recharge the

ground water aquifer, which has been depleted. The members observed that the applicant unit may be required to take permission from the Ground Water Officers appointed under the Goa Ground Water Regulation Act, 2002, for construction of bore wells or utilization of the ground water in the area.

The members suggested that the unit should submit their plans for rain water harvesting and re-charge of wells along with designs to the Water Resource Department for scrutiny and approval.

The members approved the proposal of M/s Himachal Futuristic Communications Limited, Plot nos. L-35, 36, 37, Verna Industrial Estate, Verna, Salcete Goa, for Consent to Establish under the Water Act and the Air Act (expansion), subject to obtaining approval from the State HPCC on industries and implementation of rain water harvesting and ground water recharge.

Agenda item no. 06

Application of M/s Cipla Limited, Plot no. L-139 to L-146, Verna Industrial Estate, Verna, Salcete Goa, for Consent to Establish under the Water Act and the Air Act (expansion)

The Chairman informed the members that M/s Cipla Limited, has submitted a proposal for expansion in the pharmaceutical products i.e. Addition to 100 million units/annum of Respules product, addition of 12.5 million units/annum – Nasal spray and amendment in the hazardous waste quantities.

The members noted that the unit has to make provisions for rain water harvesting and re-charging of wells, within their premises, so as to recharge the ground water aquifer, which has been depleted. The members observed that the applicant unit may be required to take permission from the Ground Water Officers appointed under the Goa Ground Water Regulation Act, 2002, for construction of bore wells or utilization of the ground water in the area.

The members suggested that the unit should submit their plans for rain water harvesting and re-charge of wells along with designs to the Water Resource Department for scrutiny and approval.

The members approved the proposal of M/s Cipla Limited, Plot no. L-139 to L-146, Verna Industrial Estate, Verna, Salcete Goa, for Consent to Establish under the Water Act and the Air Act (expansion), subject to obtaining approval from the State HPCC on industries and implementation of rain water harvesting and ground water recharge.

Agenda item no. 07

Resignation letter submitted by Board Member.

Chairman informed the members that Dr. Marconi Correia, Member of the Board has submitted his resignation due to personal reasons. He further informed the members that he has thanked the Member Secretary and the members of the Board for his association with the Board's work and wished the team the best in the future. Chairman informed that his resignation was accepted and forwarded to the State Govt. for necessary action. The members noted the same.

Chairman further informed the members that at present there are two vacant posts of Board members in the present constitution of the Board, which are required to be filled by the State Government

Agenda item no. 08

Applicability of fees for Authorizations issued by the Board

(a) Under the Hazardous waste Authorization

The members approved for levying a fee of Rs. 3,000/- on establishments applying to the Board for issue of Hazardous waste authorization, as the Board is required to conduct inspections of these units to certify their compliance, which involves deputing of staff to these locations.

(b) Under the e- waste Authorization

The members approved for levying a fee of Rs. 3,000/- on establishments applying to the Board for issue of e- waste authorization, as the Board is required to conduct inspections of these units to certify their compliance, which involves deputing of staff to these locations.

(c) For amendments and expansion involving no additional investment

The members approved for levying a fee of Rs. 3,000/- on applications received by the Board for amendments and applications for expansion without additional investment, as such cases, the applications are required to be processed by the Board for issue of amendments in the Consent Orders.

(d) Fees for registration of dealers under Batteries Waste (Management and Handling) Rules.

The members approved for levying a fee of Rs. 3,000/- on establishments applying to the Board for issue of authorization under the Batteries Rules, as the Board is required to conduct inspections of these units to certify their compliance, which involves deputing of staff to these locations.

The members proposed that the decision of the Board at (a), (b), (c) and (d) be forwarded to the Department of Environment, for issue of a suitable Notification.

Agenda item no. 09

Partial modification in the Categorization of industries.

Chairman informed the members that the Goa Pharmaceutical Manufacturers Association has requested the State Government to amend the Rules and Regulations of the Factories and Boilers and to issue a Notification for de-listing of pharmaceutical formulation manufacturing units from the list of industries involving hazardous processes as per the provisions made under section 2(cb) and section 112 of the Factories Act.

He further informed that as far as the classification of 'Pharmaceutical Formulation' as Orange category by the Department of Science, Technology & Environment, vide its Notification dated 07/07/2011 is concerned, the Goa State Pollution Control Board had recommended the categorization of industries as Red, Orange and Green to the State Government and accordingly, the State Government notified the said categorization of industries as recommended by the Board vide Notification dated 07/07/2011. He also informed that CPCB vide its directions dated 04/06/2012 and 14/09/2012, issued under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 directed the GSPCB to maintain uniformity in categorization of industries as Red, Orange and Green and to revise the list of categorization of industries based on the criteria specified in the report prepared by the Working Group constituted during the 56th Conference of Chairmen and Member Secretaries of PCB's/ PCC's.

It was stated that entry number 50 of the list of categorization of industries as specified in the report prepared by the Working Group categorizes 'Pharmaceutical formulation and formulation for R &D purpose (for sustained release / extended release of drugs only and not for commercial purpose) as Orange category.

Chairman informed that GSPCB at its 105th meeting held on 01/11/2012 resolved to recommend to the State Government to categorize industries in the State in terms of the directives of the CPCB as aforesaid. It was also stated that the said resolution was forwarded to the State Government which is presently under consideration.

Chairman proposed that since 'General Tablets and Formulation' involving Dry compaction, 'mixing and Packing' does not involve substantial air and water pollution i.e. substantial discharge of trade effluents and emissions of air pollutants, such a process could be categorized under 'Green category'.

The members discussed this proposal in detail and approved the same so as to forward to the State Government for making necessary amendments, and accordingly issue a suitable Notification.

Agenda item no. 10

Discussion on applications for stand-alone Consent to Establish / Consent to Operate for Spas / Massage parlours / saloons etc.

Chairman informed the members that the Board receives a number of applications for grant of Consent to Establish / Consent to Operate for Spas / massage parlour/saloons etc. and that the following documents are required to be submitted for processing their applications for Consent to Operate:

1. Ownership documents
2. Name and address of the Operator
3. NOC from the Health Department
4. NOC from the local authority
5. Disposal method for waste water
6. Disposal method for solid waste
7. Fees as applicable along with plans and drawings

The members suggested that a SPA / Massage parlours / saloons are required to have a recognized Medical Professional, wherein the staff in the SPA / Massage parlours are required to be under the supervision of the said Medical Profession. The members also opined that the qualifications of the staff working in such spas / massage parlours be also recorded and in case of Ayurvedic Massage parlours, it should be under the supervision of a Registered Ayurvedic Doctor.

Chairman informed the members that such applications received from SPA / massage parlour/saloons etc. would be placed before the Technical Advisory Committee of the Board and the recommendations of the TAC would be forwarded to the Chairman for the granting / rejection of Consent.

Agenda item no. 11

Representation received from the Travel and Tourism Association of Goa to install a Sewage Treatment Systems and Dispersal.

Chairman informed the members that the Travel and Tourism Association of Goa, had requested for permission to install a Sewage Treatment Systems and Dispersal (STADS) developed by Captain Joseph Lobo. The conventional system comprises of oil and grease trap followed by collection/settling/ equalization tank followed by aeration, clarifier and tertiary treatment by sand and carbon filter.

It was stated that the STADS System comprises installation of Venturi Aerator in the septic tank and dosing of the sewage by Effective Micro-organisms

(EM). It was also stated that the treated water thereafter is applied to the roots of the plants within the premises and that the treated water is pumped through the pipe into the plastic containers which are buried around the trees. It was clarified that the water seeps through the pore holes of plastic containers into the soil and thereafter is absorbed by root system of the trees.

He further informed that this system has been installed at Resort Laguna Azul, Arpora and Dona Alcina Resort, Candolim.

Members at first were apprehensive of such a system, however, after deliberations, the members decided to permit eight hotels on a trial basis, four in North Goa and four in South Goa. It was further stated that this decision would be reviewed after a year.

Agenda item no. 12


Application of M/s Procter & Gamble Hygiene & Health Care Ltd. , Plot no. 173, 314, 315, Kundaim Industrial Estate, Kundaim Goa, for Consent to Establish under the Water Act and the Air Act (expansion)

The Chairman informed the members that M/s Procter & Gamble Hygiene & Health Care Ltd, has submitted a proposal for expansion in the manufacture of Whisper sanitary napkins from the present quantity of 1100 MSU/Month (1 MSU = 2,40,000 whisper pads) to 245 MSU/month.

The members noted that the unit has to make provisions for rain water harvesting and re-charging of wells, within their premises, so as to recharge the ground water aquifer, which has been depleted. The members observed that the applicant unit may be required to take permission from the Ground Water Officers appointed under the Goa Ground Water Regulation Act, 2002, for construction of bore wells or utilization of the ground water in the area.

The members suggested that the unit should submit their plans for rain water harvesting and re-charge of wells along with designs to the Water Resource Department for scrutiny and approval.

The members approved the proposal of M/s Procter & Gamble Hygiene & Health Care Ltd, Plot no. 173, 314, 315, Kundaim Industrial Estate, Kundaim Goa, for Consent to Establish under the Water Act and the Air Act (expansion), subject to obtaining approval from the State HPCC on industries and implementation of rain water harvesting and ground water recharge.



Agenda item no. 13

Reassessment of staff requirement in the Goa State Pollution Control Board.

Chairman informed the members that the Board at its 108th meeting held on 10th June, 2013, had approved the report on 'Strengthening of the Board' which included creation of 26 additional posts in the Technical Section, IT Section and Legal section.

It was stated that the State Government approved creation of the additional / new posts for a temporary period of one year, purely on contract basis with a condition that the Board should re-assess the requirements of the posts within a period of one year and re-submit the proposal thereafter.

The Chairman informed the members that an interim exercise for assessing the staff requirement at the Board was carried out internally and it was noted that many posts were vacant. He further informed that after detailed analysis it was concluded that these positions were not required to be filled by the Board since the present staff compliment was sufficient to carry out the existing work requirements both at the technical and scientific level. The Chairman tabled the report prepared by the Board in this regard and after detailed discussions it was decided to abolish the following posts which were presently vacant in the Board from the date the post was lying vacant.

Sr.	Designation of post	No. of post	
Scientific section			
1.	Scientific Assistant (Chemistry)	05	
2.	Scientific Assistant (Stack Monitoring)	01	
3.	Scientific Assistant (Microbiology)	01	
4.	Senior Laboratory Assistant	06	
5.	Junior Laboratory Assistant	01	
6.	Field Assistant	01	
	Total:		15
Technical Section			
7.	Engineering Assistant (Civil)	01	
	Total:		01
Administration section			
8.	Assistant Data Entry Operator	02	
9.	Driver	01	
10.	Peon	01	
	Total:		04
	Total vacant posts:		20

Table Item no. 01

Payment of sitting fees to the Members of the Board

Chairman informed the members that members of Village Panchayat / Councils / Corporation, who are members of the Board were not paid sitting fees and this matter required to be resolved since the members attending Board meetings had to meet travelling and out of pocket expenses from their personal means. After deliberations, it was approved that all members who belong to Village Panchayats / Councils / Corporation be paid a consolidated sitting fee of Rs. 1000/- for each sitting of the said meetings at the Board. It was further decided that this decisions be implemented from the date of constitution of the present Board i.e. from 03/09/2012.

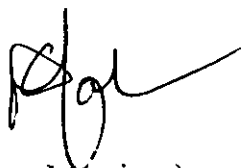
Table Item no. 02

Categorization of formulation, packing of natural and synthetic resins under Orange category of Industries.

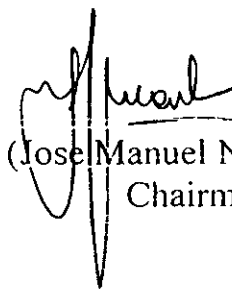
Chairman informed the members that the Board is in receipt of an application from an unit requesting to categorize the activity of formulation, packing of natural and synthetic resins under Green Category. He further stated that the unit deals in formulation and packing of natural and synthetic resins and does not generate any waste water so also no solid waste is generated and that the process involves replacing of resins and hardener from large containers of approximately 200 kgs into small containers of 250 gms to 500 gms after adding some additives to get the desired properties for a specific product as and when required.

The members deliberated that since the containers being used for such activity are being washed and this waste wash water contained chemicals the same should be classified as 'Orange category and not as Green category as proposed. It was decided that such a process could be covered under the Orange category industries.

III. The meeting ended with thanks to the Chair.



(Levinson Martins)
Member Secretary



(Jose Manuel Noronha)
Chairman