

**MINUTES OF THE 145<sup>th</sup> MEETING OF THE GOA STATE  
POLLUTION CONTROL BOARD HELDON 14<sup>th</sup> OCTOBER, 2020 AT  
3.00 pm IN THE CONFERENCE HALL OF THE BOARD.**

I. The 145<sup>th</sup> meeting of the Goa State Pollution Control Board was held on 14<sup>th</sup> October at 3.00 pm in the Conference hall of the Board.

The following members attended the meeting:

1.	Mr. Ganesh B. Shetgaonkar, Chairman
2.	Director of Industries, Trade and Commerce was represented by Shri Prashant Kamat, F.M - I
3.	Chief Engineer, Water Resource Dept. was represented by Mr. R.S. Godi, E.O., WRD
4.	Director of Mines was represented by Mr. Abhir Hede, DD-II
5.	Director of Tourism was represented by Mr. Subhash Kavlekar, Asst. Director
6.	Director of Health Services was represented by Dr. Surekha Parulekar
7.	Mr. Shawn Brian Martins, Panch Member, Village Panchayat Calangute
8.	Mr. Shubham Chodankar, Corporator, Corporation of the City of Panaji
9.	Mrs. Unnati Sahastrabhudhe, Panch Member, Village Panchayat Velguem
10.	Mr. Rajsingh Rane, Councillor Mapusa Municipal Council
11.	Mr. Sanjay Naik, Panch Member, Village Panchayat Sanvordem
12.	Mr. Blaise Costabir, Chairman, Confederation of Indian Industries
13.	Mr. Nilesh Shah, President Travel and Tourism Association of Goa
14.	Dr. (Mrs.) Shamila Monteiro, Member Secretary

II. Member Secretary welcomed the members for the meeting. The agenda items for the meeting were then taken for discussion.

**Agenda Item no. 01**

Confirmation of the minutes of the 144<sup>th</sup> meeting of the Goa State Pollution Control Board held on 06/07/2020.

The minutes of the 144<sup>th</sup> meeting of the Board held on 06/07/2020 were forwarded to all the members vide this office letter no. 4/143/20-PCB/Admn./5148 dated 14/07/2020, were confirmed, so as to enter in the Minutes Book.

## Agenda Item no. 2

Follow up action on the decision taken by the Board at its 144<sup>th</sup> meeting held on 06/07/2020.

Agenda item no. 3- Complaint of Mr. Gabriel Fernandes against the unit of - M/s Jolly Metals –The reports from Commercial Taxes Dept. the Consent to Operate granted by the Board and No objection Certificate of the Village Panchayat as submitted during the submission of application were placed before the Members as evidence.

The members noted the same and decided to seek the electricity bills from M/s. Jolly Metals and further verify the same from the Electricity Department.

Agenda item no. 19 (of the follow up action of the 143<sup>rd</sup> Board meeting) – The Members noted to the typographical error with regards to '*Junior Laboratory Assistant of the Board with atleast 5 years regular service in the Board and possessing the qualifications of M.Tech in Environmental Engineering, failing which by Direct recruitment*'. The members approved the proposal for amendment of the Recruitment Rules for the post of Assistant Environmental Engineer, Junior Environmental Engineer and Engineering Assistant (Civil).

It was further resolved to send a proposal to the State Government/ Department of Environment, Government of Goa conveying the present decision of the Board for creation of 3 additional posts of Assistant Environmental Engineer and 8 additional posts of Junior Environmental Engineer in the GSPCB. It was also decided to inform the State Government/ Department of Environment, Government of Goa to abolish 1 vacant post of Engineering Assistant (civil). It is decided that along with the above proposal, the Board will also submit the proposal for creation of the following new posts as decided at its 143<sup>rd</sup> meeting; as the government has not yet conveyed its approval for the same namely;

1. Scientist 'B' – 02 nos. of posts

Additional 2 nos of posts to be filled by promotion. Accordingly serial no. 2 of the R.R.s to be amended as '5' and serial no. 10 to be read as 80% by promotion of Scientific Assistant of the Board with atleast 5 years experience, failing which by direct recruitment and 20% by direct recruitment.

2. Law Officer – 01 no. of post (new post)

3. Administrative Officer - 01 no. of post (new post)

4. Assistant Engineer (Information Technology) – 01 (new post)

Agenda item no. 4 (B) – The Members noted that the Office order is issued to the Technical Advisory Committee of the Board for calculating the penalty under Polluters Pay Principal.

Agenda item no. 6 – The Members noted that the Office order has been issued appointing a panel of Auditors to carry out Environmental Audit of Industries.

Agenda item no. 20- The Members granted ex-post facto approval for the corrigendum issued to Adv. S.B.Faria.

Table item no. 1 – Members noted that the Office order has been issued delegating the powers to the Assistant Environmental Engineers with respect to Green categories of industries.

Table item no. 4 – The Members noted that the proposal for appointment of Inquiry Officer has been sent to the Department of Environment in this respect.

**Agenda item no. 03**

Constitution of a Committee to frame conditions for use of ETP/ STP treated water.

The Member Secretary informed the members that, it has been observed that many a times the soak pits fail due to impervious rock strata, high water table near coastal regions, improper design and maintenance etc., they also cause are known to cause groundwater pollution. Hence an alternative solution is required to be identified for use of this waste water for sub- surface irrigation for plants in gardens after treatment hence eliminating their use.

The Member Secretary further informed the Members that, it has been also observed that many housing complexes are not utilizing their STP treated water effectively due to lack of garden area hence one can use sub-surface irrigation method with special water consuming plants as it utilizes much more water than the conventional surface irrigation. Such systems have been already installed in multiple households. The question regarding scientific effectiveness, validity and safety of these systems remain unexplored. Hence it was proposed to have Expert committee to study existing systems and suggest improvements/precautions/modifications and guide the Board set guidelines to scientifically execute, use and maintain proposed systems with aim of finally bringing it within the legal framework for state wide implementation.

As per Rule 9 of the Goa Water Section 9 of the Water (Prevention and Control of Pollution) Act, 1974, as amended, an Expert Committee comprising of the following Officers of the various Departments / Offices to assist the Board has been constituted by the Chairman.

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The Members granted an ex-post facto approval to the order issued for the constitution of the Expert Committee.

**Agenda item no. 04:**

Application of M/s Salgaonkar Mining Industries Pvt. Ltd. for refund of Consent fees.

The Member Secretary informed the members that the Board is in receipt of an application from M/s Salgaonkar Mining Industries Pvt. Ltd. (Barge loading Jetty at Digashi) for refund of Consent fees, made for renewal of the Consent to Operate under the Air Act and the Water Act in October 2012 from M/s. Salgaonkar Mining Industries Pvt. Ltd., located at Survey no. 218/1 & 219, Panchwadi, Ponda Goa for the operation of barge loading facility.

The Member Secretary further informed that the applications of mining and related activities were not processed due to suspension of mining operations in response to the Hon`ble Supreme Court decision. Application for refund of Consent fees of the application made for Renewal of the Consent to Operate under the Air Act and the Water Act was made by the company vide letter dated 01/07/2019 .

Members agreed to the refund of fees to the applicant upon verification of any administrative cost incurred.

**Agendaitem no. 05**

Request of the Canteen Operator for reduction in the rent charges.

The Member Secretary informed the Members that, the Board vide its 139<sup>th</sup> meeting held on 08/05/2019 had approved for setting up of a Canteen facility at the Board premises through a Self Help Group on a rent of Rs. 5000/- per month plus Rs. 1000/- towards electricity and water consumption, totalling Rs. 6000/- per month of a period of one year to be renewed further. Accordingly an agreement to this effect was signed.

The Member Secretary further informed that, vide letter dated 23/01.2020 the Canteen operator had made a request for reduction in rent to Rs. 2000/- per month. The said request was placed before the Board meeting held on 22/05/2020 and it was agreed to reduce the rent to Rs. 3000/- per month i.eRs. 2000/- as rent and Rs. 1000/- towards electricity and water consumption, with a condition to lower the rate of food items for the Board staff, to be applicable from the month of June, 2020.

Further, the Canteen Operator vide letter dated 01/07/2020 has requested to waive the monthly rent during the lock down period, which was agreed upon. The Canteen operator has an outstanding rent for the months of October, 2019 to December, 2019, January, February, March and May, 2020. Vide her letter she has also requested to renew the contract for a further period of one year, @ Rs. 3000/- per month.

As regard to lowering the rates to the Board staff she has informed that if the number of the canteen users is increased, she will be in a position to work out better rates. She was informed that this request cannot be considered.

The Member Secretary informed the Member that the Canteen Operator has now vide letter dated 22/07/2020 has requested to make the reduced monthly rent of Rs. 3000/- per month be made applicable for the months of October, 2019 to December, 2019, January, February, March, May, 2020, citing number of canteen users were less.

Members approved the request of Canteen operator for the reduction of monthly rent to Rs. 3,000/- for the months of for the months of October, 2019 to December, 2019, January, February, March, May, 2020.

#### **Agenda item no. 06**

Application for Consent to Operate under Air and Water Acts (Expansion) from M/s Mormugoa Port Trust (MPT) for the operation of mooring dolphin 1,2,3

The Member Secretary informed the members that MPT has applied for Consent to Operate (expansion) for the Consent issued under no. 12/2020-PCB/447716/R0003496 dated 27/05/2020 for coal/coke handling at mooring dolphin 1, 2, 3. MPT has requested permission for total dry bulk ( such as ores and minerals of all types, including iron ore, limestone, bauxite, manganese, river sand, coal/coke etc) and break bulk ( such as pig iron and iron ore pellets) handling of 5 MMTPH quantity at mooring dolphin 1, 2, 3. MPT vide letter dated 30/07/2020 has also requested for full term Consent upto 5 years.

Earlier MPT had submitted representation for coal handling at Mooring dolphin 1,2,3. The same was placed at 143<sup>rd</sup> Board Meeting. On perusal of the agenda notes and after deliberations, the members at the 143<sup>rd</sup> Board meeting noted that since the air quality monitoring reports were within the limits, the Board could permit MPT to allow handling of two ships of consignments of coal / coke on trial basis till June, 2020 at mooring dolphin no. 2 and 3 incorporating the conditions that the Port will have to monitor the air quality, analyse the water and sediment samples during the said period. It was decided that the Board will



take a call on the requested quantity for handling 2 MMTPA after the Port makes a detailed presentation before the TAC of the Board and after the IIT Source Apportionment Study is completed. The Board had granted permission for two consignments only. Accordingly, the Board had granted permissions to MPT for coal handling upto 30/6/2020 for 100000 MT (Two cargo vessels) only with stringent environmental measures and monitoring conditions.

As per the Consent conditions, MPT had conducted AAQM at three locations (Khariwadda - location I, Opposite MPT workshop - location II and MPT 'D' quarters- location III) during the coal Handling at mooring dolphin during the above permission. The unit had submitted the monitoring reports.

The unit has now requested for total dry bulk ( such as ores and minerals of all types, including iron ore, limestone, bauxite, manganese, river sand, coal/coke etc)and break bulk ( such as pig iron and iron ore pellets) handling to 5 MMTPA.

The Member Secretary further informed the members that, there are also complaints and petitions filed by NGO against the coal/coke handling at the mooring dolphin by MPT. Presently there is a Petition no. 24/20118 filed by Mr. Sherwyn Correia in the High Court and by Mr. Abhijit Prabhudessai vide no. 8/18 in the Administrative Tribunal. IIT has not yet submitted the Source Apportionment study report.


On behalf of the MPT, Shri. Sudin Prabhudessai, Superintendent Engineer, made a presentation seeking permission to handle 2 MMT/annum of coal/coke. In the presentation, Shri. Prabhudessai highlighted the pollution control measures adopted by MPT during the previous trial handling period i.e. from 10/06/2020 to 29/06/2020, as per the permission granted by the Board. Shri. Prabhudessai also submitted that BITS had carried out a modelling study which indicates that at 3 mtrs/seconds wind speed, the particles will transmit a maximum distance of 800 meters to 1 KM from Dolphins to land. He also submitted that all necessary data as sought by Dr. Sethi, IIT Mumbai for the purpose of Source Apportionment Study has been submitted to Dr. Sethi.

It was submitted that the request is for coal/coke handling for the local consumption/processing within the state of Goa and will reduce the load on the road transportation.

After detailed deliberation and discussion on weighing the aspects of pollution that would be caused in case the coal is transported by road, the Board decided to permit 2 ships per month, not exceeding to 0.2 MMT/month for



loading of coal at Mooring Dolphins nos. 2 & 3 restricted upto 31<sup>st</sup> December 2020, subject to the following conditions;

- (i) The unit shall ensure that machinery and equipment operated for handling of cargo shall be done by skilled persons so that cargo spillage is avoided and generally the ship gears only are used for cargo.
  - (ii) The Unit shall ensure that the cargo is fully covered during transportation through barges.
  - (iii) Unit shall ensure that the during loading/unloading operation of dry bulk cargo, necessary dust suppression system to the extent feasible would be taken up on barges to make the cargo wet so as to reduce the flow of particle carried away with wind. The cargo will be dropped from the lowest possible height within the hatches of ship/barges which will help to control the air pollution if any within the permissible limits.
  - (iv) The facility should obtain Environmental Clearance for the mooring dolphins 4, 5 and 6.
  - (v) Cargo handling operations can be carried out at wind velocities upto 8m/s. and all materials handling operations should be stopped at wind speed beyond 8m/s. Wind monitoring should be carried out at the Mooring Dolphin.
  - (vi) Operation at Mooring Dolphin may be carried out at either Mooring Dolphin3 or Mooring Dolphin2 to ensure that particles do not reach city due to dispersion.
  - (vii) Cargo handling operations can be carried out at release height of the material between 2m to 3m.
  - (viii) Moisture content of material should be kept on higher (minimum 10%) side to ensure suppression of particles.
  - (ix) Water sprinkling and mist cannon has to be used to control dust pollution .
  - (x) The unit shall provide tarpaulin sheet in between the vessel and barge to prevent spillage in the sea.
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- (xi) The unit has to carryout Ambient Air Quality Monitoring from Ministry of Environment, Forests and Climate Change approved laboratory at MPT premises, Sada area and Khariwada area during cola/coke handling and data has to be submitted to the Board. The Board shall also carry out Ambient Air Quality and water quality analysis at cost to the unit.
- (xii) The unit has to carry out water and sediment monitoring from Ministry of Environment, Forests and Climate Change approved laboratory near the mooring dolphin during coal/coke handling and data to be submitted to Board.
- (xiii) BITS should revalidate its modelling study during the unloading process. Necessary arrangements for BITS study has to be done prior to handing. The same will have to be intimated to the Board
- (xiv) The Board should be intimated at least one week in advance before carrying out the monitoring.
- (xv) Cargo should be transported only through barges from Mooring Dolphin to Jetty at Plant of Vedanta.

#### **Agenda item no. 07**

Restricting use of Methyle Bromide for controlled use i.e fumigation.

The Member Secretary informed the members that the Board is in receipt of letter dated 18/08/2020 from Department of Environment & Climate change forwarding the D.O No. 35/3/2020/PMU-OC dated 28/07/2020 received from the Joint Secretary, Ministry of Environment and Climate Change, New Delhi, regarding ban on Ozone Substances (ODS). It is submitted that the Ozone Depleting Substances (Regulation and Control) Rules, 2000 (ODS Rules) and its amendments, issued under the Environment (Protection) Act, 1986, inter-alia regulate the production/consumption of Ozone Depleting Substances (ODSs) mentioned in Schedule-I of the said Rules. Globally, the use of ODSs are regulated and controlled under the Montreal Protocol on Substances that Deplete the Ozone Layer. India is Party to the Montreal Protocol.

The Member Secretary informed that Methyl bromide is one of the ODSs and its production and consumption is controlled under the Montreal Protocol. India became party to the Vienna Convention for Protection of the Ozone Layer





on 19<sup>th</sup> June, 1991 and the Montreal Protocol on Substances that Deplete the Ozone Layer on 17<sup>th</sup> September 1992.

As per the phase-out schedule of the Montreal Protocol for methyl bromide non Articles- 5 parties (Developed countries ) and Article 5 Parties (Developing countries) have already phased-out the production and consumption of methyl bromide as on 1<sup>st</sup> January, 2005, and 1<sup>st</sup> January, 2015 respectively. Under the Montreal Protocol there are two types of uses viz. Controlled uses and exempted uses. In compliance with the Montreal Protocol, India has phased out controlled use of methyl bromide i.e. fumigation.

The use of methyl bromide for Quarantine and pre-shipment (QPS) application is exempted under the Montreal Protocol. The phase-out date for production and consumption for controlled uses (non-QPS uses) is 1<sup>st</sup> January, 2015.

The Ozone Depleting Substances (Regulation and Control) Rules 2000, under the Environment (Protection) Act, 1986 has been notified in the Gazette of India on 19<sup>th</sup> July, 2000. These Rules set the deadlines for phasing out of various ODSs, besides regulating production, consumption, trade, import and export of ODSs and the products containing ODSs. The ODS Rules were amended in 2001, 2003, 2004, 2005, 2006, 2007 2014 and 2019 to facilitate implementation of ODS phase –out by the enterprise in various sectors.

As per the Ozone Depleting Substances (Regulation and Control) Amendment Rules, 2014, production and consumption of Group VIII substances (methyl bromide) specified in column (4) of Schedule I have been prohibited except for use in quarantine and pre-shipment applications from the date of commencement of the Ozone Depleting Substances (Regulation and Control) Amendment Rules, 2014. The same requires to be noted for any future use of Methyl Bromide keeping in view the International obligations and domestic Law.

After deliberation, the members approved to regulate the restricted /phased out controlled use of methyl bromide i.e. fumigation.

#### **Agenda item no. 8**

Application for renewal of Consent to Establish for handling and storage of Liquefied Petroleum Gas.

The Member Secretary informed the Members that M/s Ganesh Benzoplast Ltd. is located at Headland sada, Upper jetty area, Bogda Road, Mormugao. The unit deals in warehousing facility for storage of imported and

exported liquid products, petroleum and petrochemical of Class A, B and C such as SKO, HSD, Naphtha, Furnace oil, caustic soda, Ethanol, Methanol, Sulphuric acid, edible oil. Earlier, the unit had taken CTE for the installation of LPG storage tanks. The same was valid till 20/4/2019. The Unit has now applied for Renewal of Consent to Establish . The unit has proposed to expansion of handling and storage of LPG. The projects involves construction of two storage tanks for storage of propane and butane, MS pipeline from berth no. 8 to the premises at Sada (the M/s Ganesh benzoplas), pump house for road loading, bullet loading, ethylemercaptant dosing, and fire water, 8 bay truck loading gantry, 02 nos. of weigh bridge, DG room and compressor room. The unit has also proposed two tank of cup in cup double wall tanks of 10000 MT capacity each for storage of propane and butane. Propane and butane will be imported through vessels/ship at berth no. 8, manifold will be connected to vessel and the LPG/Propane /Butane will be transported to storage tanks through pipe lines. The same pipe line will be passing through MPT area and nearby residential area. The products will be transported to plant from the jetty using booster pumps. Two 40 tons capacity each bullets will be used for storage of liquids vapors. The propane, butane and liquid from the bullets will be mixed as per the customers requirements and will be loaded/filled into trucks through truck loading bay. The LPG loaded in trucks will be transported via road. The unit has proposed to install fire fighting system, gas monitoring system. Fire water tank of 4700 m3 is proposed for fire fighting. For existing facility, the unit has provided 2700 KL of water storage tank. Also unit has provided 80 KL capacity two water storage tanks.

**The Member Secretary informed that there are many residential house located next to the existing underground pipeline of M/s Ganesh Benzoplast Ltd. Office of Fisheries Survey of India is located next to the Eastern Boundary wall of the unit. Food Corporation of India warehouse is located on the western side of the unit. Holiday home of HPCL is located on the northern side across the road. There is an open space on the southern side of the unit (rear side). Apart from the above there are many residential house and Educational Institute in the vicinity of the unit.**

**The Member Secretary further informed that the unit has applied for the Mormugoa Municipal Council NOC, however the same is not yet issued. Earlier with regards to the storage of naphtha from the vessel NU SHI NALINI, the Board had granted main Consent only for six months which was valid till 03/07/2020 with specific conditions and submission of Bank Guarantee. Later, the same was extended to another six months due to COVID 19. The unit has obtained EC from the GSEIAA. The same is valid upto May 2021.**

**The Member Secretary further informed that the Board has also issued direction on 07/05/2020 under Polluter Pay Principal for causing**

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environmental damage for make payment of Rs. 31428/-. The unit submitted its reply stating that no details of the operations of the unit without Consent is mentioned. Unit has also requested to represent its case. Board vide letter 1/20/19-PCBHF/Tech /2610 dated 05/06/2020 communicated the unit to obtain approval from South Goa Collector for the on-site and off- site plan and the application will be considered only after the approval of on-site and off-site plan by the Collector South Goa. Also it was proposed in the OCMMS to reject the application by placing before the Board.

Compliance status to main Consent issued by Board vide order dated 03/01/2020 and 15/07/2020

	Specific Conditions	Compliance
1	The unit has to submit safety report and mock drill report to the office as per the Manufacture storage and import of the Hazardous chemical Rules 1989 within 15 days.	Unit vide letter dated 22/01/2020 has submitted the safety report, mock drill report and Bank Guarantee of Rs. 3 lakhs.
2	The unit has to provide oil water separator for the monsoon runoff for the dyke wall and also provide oil water separator for the storm water drain outlet. The area inside the dyke wall has to be concreted and the flow to be diverted in oil water separator/trap with 3months.	Unit has not yet provided the oil and grease trap. The inside of dyke wall is not yet concreted.
3	The wash water generated during the tank cleaning activity will have to be collected in a tank and to be sent for recycling or should be treated within the facility. Records of the same will have to maintained. The same facility has to be provided within 3 months.	Unit has maintained the manifest copy of disposal of tank cleaning.
4	The facility shall obtain approval of District Magistrate for off-site emergency plan.	Unit has submitted the offsite emergency plan to south Goa collector vide letter 20/12/2019.Also Board vide letter dated 05/06/2020 had communicated the Unit to obtain approval from South Goa Collector for the onsite and offsite plan. However the

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		same is not obtained by the unit
5	The facility shall dispose the stored Naptha as soon as possible.	Naphtha stored has been disposed. Presently there is no storage of naphtha.
6	The unit shall have valid TREM cards in case the cargo is transported by road.	Unit has not yet started the road transportation. Submitted that they usually prepare the TREM card during road transport.
7	The unit shall ensure that the pipeline near Berth No.8 is passed underground and submit compliance report to this office within three months from the date of issue of this consent.	The same is not yet complied.
8	The unit will have to submit Bank Guarantee of rupees 3 Lakhs with a validity of one year for the compliance of the above conditions within 10 days.	Unit has submitted bank guarantee of Rs. 3 lakhs for the compliance valid upto January 2021.

After deliberation, the members decided to defer Renewal of Consent to Establish to M/s Ganesh Benzoplast Ltd., for handling and storage of LPG upon compliance to all the specific conditions mentioned above.

### Agenda Item no. 9

Revocation of Polluter Pay Principal penalty for Calcined Petroleum Industries.

The Member Secretary informed the member that, the Board had conducted stack monitoring of the kiln stack of M/s Goa Carbon Ltd. on 30/05/2019. The report indicated that the parameter for SO<sub>2</sub> had exceeded the permissible limits mentioned in the Consent to Operate. Accordingly, directions were issued by the Board vide order 1/25/19-PCB/LD-232 dated 17/06/2019 and show cause notice 1/25/19-PCB/SCN-88 dated 17/06/2019. The unit vide letter dated 27/06/2019 submitted their reply with regards to the directions and show cause notice. The unit submitted that at present there are no national standards specified for the SO<sub>2</sub> emission for calcined petroleum industries. It was submitted that CPCB and MoEF&CC are in the process of estimating the norms/standards for the calcined petroleum industries. It was also submitted that during the initial start-up, Furnace oil is utilised and the SO<sub>2</sub> mentioned is only for the furnace oil emission and no standards specified for SO<sub>2</sub> emission from the calcined petroleum coke manufacturing industries.

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The Member Secretary further informed the members that the application/representation was placed before the TAC of the Board. The unit was directed to make detailed presentations of the same before the TAC. The unit submitted that latest Supreme Court order dated 13<sup>th</sup> September 2019 in the matter WP(Civil) no.13029 of 1985 along with the Affidavit filed by MoEF& CC in the matter regards to SO<sub>2</sub> and the use of FGD for calcined industry. The TAC opined to wait till MoEFCC prescribes the standards for SO<sub>2</sub> as per the Supreme Court order.

After deliberation, the members approved to the revocation of SCN and Polluter Pay Penalty as presently no standards are specified for SO<sub>2</sub> emission for calcined industry.

**Agenda item no. 10**

**Guidelines for Environmental Management of Dairy Farms and Gaushalas and Categorization**

The Member Secretary informed the members that the Board is in receipt of directions from Central Pollution Control Board (CPCB) for implementation of Guidelines for Environmental Management of Dairy farms and Gaushalas. This is in compliance to National Green Tribunal order in OA No 46/2018 in the matter of NugehalliJaysimha V/s Government of NCT of Delhi.

As per the guidelines:

1.	Dairy farms where milching animals (cows/buffaloes) are housed to produce milk for distribution and supply to milk processing plants.
2.	The disposal of waste generated from the dairies and gaushalas is non-toxic and basically organic in nature. The waste should be handled properly and treated using composting/vermin-composting, biogas or compressed biogas production or manufacture of dung wood for use of fuel. The domestic hazardous waste generated should be disposed of as per the provision in Solid Waste Management Rules, 2016
3.	Waste water generated should be adequately treated so as to meet the standards prescribed by the SPCBs/PCCS.
4.	The dairy farms /gaushalas control odour and noise as per the guidelines. The dairy farms and gaushalas should improve/modify the quality and dosage of feed/forage/supplements in order to reduce enteric methane gas generations from livestock
5.	Siting policy stated in the guidelines should be implemented by the Local Bodies, Town & Country Planning dept., Animal Husbandry Dept.

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6.	The local bodies and the SPCBs/PCCs should comply to the regulatory/monitoring mechanisms stated in the guidelines
7.	<b>Stand alone or isolated dairy farms having 15 animals &amp; above shall obtain CTE/CTO under Orange Category.</b>
8.	<b>Dairy Farms in colonies/clusters should obtain CTE/CTO in Orange Category</b>
9.	<b>Gaushalas where sick, weak, injured, handicapped and homeless cattles/cows are house for rehabilitation are categorized under Green category. If the overall waste water generation exceeds 100KLD then the gaushalas shall be categorized under Orange Category.</b>

The Member Secretary further informed the member that the said guidelines and the NGT order are already forwarded to concerned departments for implementation. Further, the Board has also issued Public notice in local dailies on 05<sup>th</sup> September 2020 for implementation of the guidelines and also directing units to apply for Consent to establish / Consent to operate of the Board.

Upon deliberation, the members decided that the Chairman may call the representatives from the dairy farm operators, gaushalas and Department of Animal Husbandry and decide on how to achieve the directions of the Hon. NGT and accordingly propose to the Government some welfare measures, if at all required.

### Agenda item no. 11

Criteria for operation of stone quarries.

The Member Secretary informed the members that the Board is in receipt of Order from Central Pollution Control Board in the matter of OA NO 304/2019 which has approved the minimum distance criteria for operation of stone quarries close to residential and public roads and directing that the same minimum criteria has to be followed throughout the Country.

As per the Order, the minimum safe distance for permitting stone quarries by the SPCBs is as follows:

Mining Type		Minimum distance	Locations
A.	When Blasting in not involved	100m	Residential/Public buildings/Inhabited sites, locations to be considered by States
B.	When Blasting in involved	200m**	

**\*\* Note:** The regulations for danger zone (500 m) prescribed by Director General of Mines Safety also have to be complied compulsorily and necessary measures should be taken to minimize the impact on environment.

The Member Secretary further informed the members that, if any State is having stringent criteria than the above for minor mineral (i.e. more prescribed distances than the above), then the same shall be applicable.

The Members approved to regularise the said criteria for operation of stone quarries.

### **Agenda item no. 12**

Guidelines for setting up of new Petrol pumps.

The Member Secretary informed the members that, in compliance to NGT order in OA no 86/2019: gyanprakash@pappusingh V/s GoI&Ors, guidelines are required to be implemented and monitored by District Administration, State Pollution Control Boards and other concerned departments. The guidelines are forwarded to the Collectors (North/South). Meeting is conveyed by Collector South in this regard.

The Member Secretary further informed the members that, as per the CPCB Categorization of 29<sup>th</sup> February, 2016 the automobile fuel outlets (only dispensing) are categorized under White Category. Hence the Petrol Pumps are only required to register with the Board and the main department for monitoring is the District Administration. However the proponents shall bear the cost of monitoring that is required to be carried out by the Board as per the guidelines.

The Members noted the same.

### **Agenda item no. 13**

Mechanism / Guidelines for control of pollution and enforcement of Environmental norms at Individual Establishments

The Member Secretary informed the members that the Board is in receipt of the mechanism /guidelines for control of pollution and enforcement of Environmental Norms at Individual Establishments and the area /cluster of restaurants/hotels/motels/banquets etc. from Central Pollution Control board for implementation. The same is prepared by CPCB in lieu of the NGT order in OA No 400/2017. (Guidelines are enclosed herewith)

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The Member Secretary further informed the members that the guidelines highlights measures on environmental issues related to restaurants/ hotels/ motels/ banquets etc and mitigation measures.

However, with regard to STP standards it is proposed to approve the standards as per directions issued by Central Pollution Control Board vide order File No. A19014/43/06 – Mon dated 21<sup>st</sup> April 2015, which are as follows:

pH	Between	5.5 & 9.0
Suspended Solids	Not to exceed	Not more than 20
BOD, 3 days, 27° C	Not to exceed	10 mg/l
COD	Not to exceed	50 mg/l
Oil & Grease	Not to exceed	10mg/l
NH4-N	Not to exceed	5mg/l
N-total	Not to exceed	10mg/l
Fecal Coliform	Less than	100 MPN/100ml

Upon deliberation, the Members approved to implement the guidelines and standards.

#### **Agenda item no. 14**

Requisite measures to study mechanism for stone crushers

The Member Secretary informed the Members that as per the Order by Hon'ble NGT in OA No 739/2018, Central Pollution Control Board (CPCB) was directed to develop the requisite mechanism for stone crushers to study:

- i) Damage to the Air Quality,
- ii) Damage Assessment of Health issues and
- iii) Agricultural Production Loss.

Accordingly, CPCB has developed the mechanism and forwarded to State Pollution Control Boards / Pollution Control Committees for implementation.

Members approved to adopt the said mechanism.

#### **Agenda item no. 15**

Classification of the unit of M/s Khedekar Industries

The Member Secretary informed the members that the Board is in receipt of a letter from M/s. Khedekar Industries engaged in making papad and pickles. They have stated that their activity is not clearly specified in the revised CPCB categorization. They have also given reference of Gujarat Pollution Control



Board in which this activity has been categorized under White category and exempted from obtaining Consent.

The Member Secretary further informed the members that, as per revised CPCB categorization, although papad and pickle making is not specified, activity of *Food and food processing including fruits and vegetable processing* is mentioned in ORANGE category and the same is followed so far.

The Member Secretary further informed the members that, the request of the unit was placed before the Technical Advisory Committee and the score was calculated based on CPCB directions. As per Score Calculation and as recommended by TAC the unit is categorized under GREEN CATEGORY.

Members approved the recommendation of TAC to classify the unit under GREEN CATEGORY.

#### **Agenda item no. 16**

Preparation of Seniority list of the staff

The Member Secretary informed the Members that;

A. In the matter of Scientific Assistants appointed in the year 2007 - Advertisement was issued in the newspaper for filling up three posts of Scientific Assistants in the Board office. Interview for the said post was conducted on 12/03/2007. As per the available photocopy of the marking list, Mrs. Anny has scored 69 marks, Mrs. Livia has scored 64 marks and Mr. Nilesh has scored 64 marks. The noting as prepared has got the following listed (1) Nilesh (2) Livia (3) Anny. Actually, where Anny should have been listed 1<sup>st</sup>, Nilesh as 2<sup>nd</sup> (since both Nilesh and Livia has scored the same marks and Nilesh being senior in age) and Livia as 3<sup>rd</sup>.

A Memorandum was issued dated 23/12/2010 preparing the tentative seniority list inviting objections. Mrs. Anny and Mrs. Livia vide their applications dated 24/12/2010 had sought time to submit their objections. However, as seen from the records, extension of time was permitted. No communication is found on record conveying the said extension. As seen from the notings on the file, since no objection was received by the due date, a final seniority list was drawn listing (1) Nilesh (2) Livia (3) Anny.

A tentative seniority list including the staff recruited in 2011 was drawn, whereby objections were raised by Livia and Anny for the seniority drawn in 2011, based on the photocopy of the noting and the marks obtained during their

selection process. The original file where the selection process conducted in the year 2007 is not available in the office records. As per the decision taken by the Board, the records of the selection process were reconstructed based on the photocopies in the office.

On perusal of the photocopy of the marking sheet during the selection process it is noticed that Anny has scored 65 marks, Livia has scored 64 marks and Nilesh has scored 64 marks.

Upon deliberation the members resolved to draw the Seniority list as per the re-constructed records.

B. In the matter of Scientific Assistants ( Chemistry, Microbiology, Stack Monitoring), Senior Laboratory Assistants, Junior Laboratory Assistants appointed in the year 2011

The Board had recruited candidates for the post of Scientific Assistants (Chemistry, Microbiology, Stack Monitoring), Senior Laboratory Assistants, Junior Laboratory Assistants appointed in the year 2011. Accordingly, after the recruitment process, which was done and selection order issued, one aggrieved candidate, who have applied for all the referred posts and did not find merit in the said posts preferred to move to the Hon. High Court with regard to the selection process stating the same is illegal.

Accordingly as per the orders of the Hon. High Court, an Inquiry was initiated by the Board through an Inquiry Officer to look into the selection process of the selected candidates. The Inquiry officer submitted its report with its findings. The Report of Inquiry Officer has re-allotted marks to the candidates based on the qualifications and experience of the candidate, however the marks as allotted by the Departmental Selection Committee during the Oral interview were not touched upon. A discrepancy was noticed in the marks allotted by the Departmental Selection Committee and that of the marks of the Inquiry Officer

The said report was placed before the Hon. Court and also the Board, which accepted the Report of the Inquiry Officer. Since observations were made in the Report, show cause notices were issued to the selected candidates. The selected candidates replied to the show cause notices and were also heard by the Chairman of the Board, as per the Order of the Hon. High Court. On hearing the submissions and the reply received to the show cause notice, the show cause notice was discharged on merit.

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The Members resolved that the Departmental Selection Committee minutes will be considered while preparing the seniority list of the officials in their respective designations.

Agenda item no. 17

Revision of Guidelines for Rural Garbage Disposal Sites (RGDS)

The Member Secretary informed the members that the Board is in receipt of a representation from M/s Goa Waste Management Corporation requesting the Board for the amendment of guidelines formulated by the Board for Rural Garbage Disposal sites.(RGDS)

The Member Secretary also informed the members that the Central Pollution Control Board has published Guidelines on the provision of buffer zone around waste processing and disposal facilities in the year 2017, which states that *'Ideally a distance of 500mts from the boundary of the solid waste processing and disposal facility (sanitary landfill) should be maintained. However, on case-to-case basis a distance of minimum 200mts from the solid waste processing facility (sanitary landfill) can be considered subject to conditions that such facility meets the stipulated standards prescribed by state pollution control board with respect to ambient air as well as for stack emission`.*

The Member Secretary further informed the members that the Board in its 141<sup>st</sup> Board meeting has formulated guidelines for RGDS in which a distance of the site from residential areas / schools / temples / churches / mosques / cemetery and other ecological sensitive sites should be at least 500mts for wet waste handling of above 100MT/day. This is in contradiction to the CPCB guidelines cited above.

As such, M/s GWMC has requested that the guidelines formulated by the Board be amended in tune with the CPCB guidelines. The matter was placed before TAC on 05/10/2020. TAC felt that it does not have mandate to re-consider/re-visit the Board decision in 141<sup>st</sup> meeting. However, with the due consideration, it was decided to adopt CPCB`s Guidelines (2017) with the liberty to maintain 200 mtrs. buffer, subject to the following:

a.	Area does not fall within the ambit of Coastal Zone Regulation / Wild Life Sanctuary/protected areas/notified wetlands etc.
b.	Waste treatment adopts `Best available technology`
c.	Air pollution control (APC) device should comply with the prescribed stack height, as applicable



d.	Plant to carry out AAQM at a distance upto 500mt from plot boundary along which some facility are located such as residential house/educational institutions/places of worship etc.
e.	Solid waste should not be dumped/stacked within the premises and be processed directly into the plant.

Members approved to adopt the CPCB's Guidelines (2017).

### Agenda item no. 18

#### Review of Approved Fuels

The Member Secretary informed the members that the Board is in receipt of request from M/s. MRF Ltd., M/s. Marpol Pvt. Ltd., M/s. Chowgule & Co. Pvt. Ltd., Mandovi pellets Division, M/s. Zuari Agro Chemical Ltd., requesting for review of approved fuels.

The Member Secretary further informed the members that the Board was in receipt of a Direction from Central Pollution Control Board to notify the Approved Fuels as per Section 2 of the Air (Prevention and Control of Pollution) Act, 1981 (no. 14 of 1981). The Board had perused the Approved Fuels of Rajasthan pollution Control Board, Delhi Pollution Control Committee and Gujarat Pollution Control Board. The Board has then formulated a list of approved fuels which is placed below for approval.

#### List of approved Fuels:

1.	Coal with low sulphur (less than 0.4%)
2.	Coke / Lignite
3.	LDO / LSHS
4.	Petrol (BS-IV with 50ppm Sulphur with effect from April 1, 2010 and BS VI with 10ppm Sulphur vide Government of India GSR 889 (E) dated September 16, 2016 to be implemented w.e.f. 01/04/2020)
5.	Aviation turbine fuel
6.	Liquified Petroleum Gas (LPG)
7.	Compressed Natural Gas (CNG) / LNG
8.	Kerosene
9.	Naphtha
10.	Fire wood / Dung cake
11.	Bio - gas
12.	Agro waste / bio fuel / briquettes
13.	RDF, as per the provision of Solid Waste Management Rules, 2016

14.	Charcoal
15	Hydrogen / Methane

The Member Secretary informed the members that the same was approved in the 142<sup>nd</sup> Board meeting of the Board and a Circular was issued by the Board on 29/05/2020. The Board forwarded the Circular to the Department of Environment & Climate Change for Notification. The Notification was issued on 18/06/2020 for Approved Fuels and ban of Petcoke and furnace oil on 22/06/2020. As per the Notification, the industries are required to change from petcoke./ furnace oil to natural gas or approved fuels by 31/12/2020.

1. M/s. Chowgule & Co. Pvt. Ltd. (Mandovi Pellets) – request is for exemption for use of furnace oil in Pellet Plant
2. M/s. Zuari Agro Chemicals Ltd. – addition of Very Low Sulfur Furnace Oil (VLSFO) in the list of approved fuels and extension of period upto 31/12/2021.
3. M/s. MRF Ltd. – addition of LSFO (low sulfur fuel oil) also called marine fuel with < 0.5% Sulfur
4. M/s. Marpol Pvt. Ltd. - addition of Very Low Sulfur Furnace Oil (VLSFO) in the list of approved fuels
5. M/s. Indian Oil – Adani Gas Pvt. Ltd. – extension of deadline for the discontinuation of Furnace Oil (FO) and Pet Coke for the industries till 31<sup>st</sup> March 2021.

The Member Secretary further informed the members that the proponents presented before TAC on 05/10/2020 and the Committee has recommended as under:

- a. Furnace Oil as approved fuel and include it in the approved list cannot be considered as it will be non-compliance to Hon`ble Supreme Court Order as it is Pan India and not State specific (as per representation made by Mandovi Pellets)
- b. Very Low Sulfur Furnace Oil (VLSFO) with 0.5% of sulfur by weight (as proposed by M/s Zuari & M/s Marpol) and low sulfur fuel oil with < 0.5% sulfur (i.e. Marine fuel as proposed by MRF) be considered to include in the list of approved fuels. But be made effective only after issuance of `amendment` by Department of Environment, Govt. of Goa.
- c. Threshold timeline of 31<sup>st</sup> Dec 2020, for discontinuation of Furnace Oil/Petcoke may be extended for further period of six months (i.e. upto 30<sup>th</sup> June 2021) on case-to-case basis as per the request made by M/s Zuari and M/s Indian

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oil – Adani Goa Gas Pvt. Ltd., with strict monitoring and ascertaining compliance to permissible emission standards, failing which Legal proceedings be initiated.

Upon deliberation the members have approved to forward the request from M/s. Chowgule & Co. Pvt. Ltd. (Mandovi Pellets), M/s. Zuari Agro Chemicals Ltd., M/s. MRF Ltd. and M/s. Marpol Pvt. Ltd. for exemption to CPCB. Further the members also approved to grant an extension of time to M/s. Indian Oil – Adani Gas Pvt. Ltd for the discontinuation of Furnace Oil (FO) and Pet Coke for the industries till 31<sup>st</sup> March 2021.

#### **Agenda item no.19**

Re-constitution of the Panel of Board Advocates

The Member Secretary informed the Members that, in supersession of all earlier decisions and Orders etc. of the Board on this subject; the Board is required to re-constitute its Panel of Advocates that are currently empanelled by the State Government for defending its interests before the High Court of Bombay at Goa. In this regard, the Board will request Advocate Devidas Pangam to either appear on the Boards behalf or decide on allotment of existing as well as new matters pertaining to the Board before the High Court of Bombay at Goa to the Advocates empanelled by the State Government. Based on such decision the Board will have to formally allot the matters to the concerned Advocates. The Terms and conditions governing the appointment of the above Advocates as well as the Professional fees paid by the State Government to these Advocates shall be followed by the Board.

The Member Secretary further informed the Members that Accordingly Circulars/Office orders/Memorandums issued by the State Govt. stand adopted by the Board. In so far as matters pertaining to the Board before Courts at New Delhi including the Supreme Court, National Green Tribunal etc.; the Board will allot such matters to Advocate Ruchira Gupta to appear on the Boards behalf and defend its interests. Advocate Joaquim Godinho and Adv. Wilbur Menezes shall continue to be on the Panel of the Boards Advocates and will appear in matters pertaining to the Board as allotted by the Member Secretary.

Members approved to re-constitute its Panel of Advocates that are currently empanelled by the State Government for defending its interests before the High Court of Bombay at Goa.

#### **Agenda item no. 20**

Payment of pending bill of M/s Puroshottam Bhagwan and Associates.

The Member Secretary informed the Members that the Board had empanelled M/s Puroshottam Bhagwan & Associates, Panaji for booking of travel tickets (air and rail) with respect of Officers / officials of the Board and Board appointed Advocates / Officers of other Dept. who were invited to the Board for official purpose.

The Member Secretary further informed the Members that during the last five years several official trips were carried out by the Board officials / Officers and Board appointed Advocates. It is seen that the travel bills have been misplaced / not submitted which has resulted in non – payment towards the booked tickets to the agency.

The Member Secretary also informed the members that the Chairman of the Board has condone the officials from submitting the boarding pass for their travel.

Upon deliberation the members approved for the settlement of the pending dues of M/s Puroshottam Bhagwan & Associates, upon submission of self-declaration from the traveler. The Members further decided that the bills of the advocates may be certified by the concerned section official upon verification of the issue of office order for the said travel on behalf of the Board.

III. With the permission of the Chair, Member Secretary took the following Table items for discussion.

**Table item no. 1**

Amendment in respect of Child Care Leave

The Member Secretary informed the members that the Board at its 118<sup>th</sup> meeting held on 10/07/2015 had framed guidelines for the staff of the Board availing Child Care leave as per the Government Circular dated 29/06/2015. Considering the work load and the responsibilities entrusted to the Board, and the staff proceeding on leave, it is proposed to streamline / modify the guidelines for availing Child Care Leave. Hence it is proposed to amend the Office Circular dated 17/08/2015 as follows:

1.	A Female Government servant and single Male Government servant may be granted Child Care Leave by an Authority competent to grant leave for a maximum period of seven hundred and thirty days during entire service for taking care of two eldest surviving children, lesser than 18
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	years, whether for rearing or for looking after any of their needs, such as education, major sickness and the like.
2.	CCL of minimum one month and maximum six months will be granted for attending to the personal needs of the child as specified above .
3.	Preference for sanction of leave shall be given to the official having a 'special child' or a single parent.
4.	Application for grant of CCL shall be submitted to the leave sanctioning Authority atleast one month in advance prior to the leave or prior to the extension of leave except during an emergency condition like sudden illness, in which case it shall be regularized by the applicant with supporting medical record within 1 month of intimation or last date of earlier approved leave, whichever is earlier .
5.	<p>Grant of child care leave shall be subject to the following conditions, namely:-</p> <ul style="list-style-type: none"> <li>(i) It shall not be granted for more than three spells in a calendar year , subject to a maximum of 6 months</li> <li>(ii) In case of a single Female Government servant, the grant of leave shall be extended to six spells in a calendar year subject to a maximum of 6 months</li> <li>(iii) The time gap between two leave spells should not be less than 90 days.</li> <li>(iv) It shall not ordinarily be granted during the probation period except in case of certain extreme situations at the discretion of leave sanctioning authority who is satisfied about the urgency of the need of child care leave to the probationer, provided that the period for which such leave is sanctioned is 5 days at the discretion of the Sanctioning Authority.</li> <li>(v) With respect to a Child with Disability there will be no restriction of age limit of the Child as per DoPT OM No 13018/6/2013 –Estt.(L) dated 22/06/2018.</li> <li>(vi) CCL may be sanctioned to a women employee in continuation to maternity leave, as per the request of the official.</li> </ul>
6.	<p>Leave Sanctioning Authority: Power to sanction the CCL, shall be exercised by the Competent/Final Sanctioning Authority from the time to time.</p> <ul style="list-style-type: none"> <li>a. Request of Child Care Leave on account of sickness of the eligible Child duly supported by a Medical Certificate issued by a Registered Medical Practitioner.</li> <li>b. In normal circumstances, the leave sanctioning Authority shall ensure that the normal functioning of the Board is not hampered.</li> <li>c. Child Care Leave application shall be disposed off within 15 days</li> </ul>



7.	During exigency of work, the official on CCL could be called for attending duties of urgent nature for which leave could be adjusted subsequently.
8.	At any given time, not more than 20% of the women staff in Section will be allowed CCL. The Sanctioning Authority will decide the length of leave, however, the same may be relaxed depending on the facts and circumstances on case to case basis.

The members approved the same.

### Table item no. 02

### Amendment to the Goa Water and Air Rules

The Member Secretary informed the members that the Goa Water and Air Rules were amended in the year 2011 which included enhancement in the fees. The enhancement to the fees in the Goa Water and Air Rules was challenged by the mining companies with the submissions that the said enhancement is arbitrary and extorting. The State Government submitted in the Hon. High Court of Bombay at Goa that they are withdrawing the Notification to the Goa Water and Air Rules. With this submission, the matter was disposed off by the Hon. High Court of Bombay at Goa.

The Member Secretary further informed the members that the Board has revised the Rules including the enhancement in fees and the same was submitted to the Department of Environment. The said Rules have been vetted by the Law Department and the vetted Rules are forwarded by the Department of Environment to the GSPCB for final confirmation. The amendments proposed on the Water and Air Rules mainly comprise of the following;

- 1) The enhancement in emoluments of fees for the Consultant Engineer.
- 2) Amendment to the Forms for submission of application for;
  - a) Consent to Establish
  - b) Consent to Operate
  - c) Renewal of Consent to Establish
  - d) Renewal of Consent to Operate.

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- 3) Inclusion of provision for conducting Environmental Audit and procedure and fees for the same.
- 4) Categorization of industries in compliance to the direction issued by the Central Pollution Control Board under section 18(1)(b) of the Water Act.

The Member Secretary also informed the members that the Enhancement of fees was also proposed earlier, however, now it is proposed to recommend the enhancement in the fees to 10% over and above the fees notified in the year 1988 with a facility to the applicant to submit annual fees.

After deliberation the Members approved for the proposed amendment. The Members further decided to defer the enhancement in the fees to 10%, to the next financial year.

### **Table item no. 3**

#### **Proposal for utilization of Environmental Compensation Funds**

- I. The Member Secretary informed the members that **The Board is in receipt of guidelines for utilization of environmental compensation funds from Central Pollution Control Board (CPCB). CPCB has stated that there are 85 crores collected in the compensation funds. As per the letter received State of Goa being a weaker PCB the allocation of funds will be considered under priority.** As per the guidelines the funds are to be utilized for the following:
  1. Development of Infrastructure for Air and Water quality surveillance and monitoring for different areas/locations in Delhi NCR and other needed places.
  2. Remediation of contaminated sites and for that to develop infrastructure, procurement of equipment etc including hiring of experts/Consultants for specific requirement for remediation of sites, etc.
  3. Specific investigations and studies with regard to environment and ecology
  4. Carrying capacity assessment for ecologically and environmentally sensitive & critical areas, including hiring of Experts/Consultants for specific purpose and period.

5. R & D activities with regard to new technologies, clean technologies, etc.
6. Capacity building of scientific and engineering personnel of CPCB and PCBs/PCCs to rejuvenate and protect the environment.
7. Augmenting and strengthening of laboratory network un-0terms of manpower and logistics
8. Payment of honorarium in compliance of Judicial Orders of the Courts and Tribunal
9. Specialized studies on accidental spill areas, health impact assessment, recalcitrant pollutants etc
10. Information, Education and Communication (IEC) activities
11. Any other scientific and technical matter which may arise as a contingent matter

The members approved to the decision to request CPCB to provide funds for remediation and restoration of water bodies.

## **II Funds collected from Industries for Polluter Pays Penalty**


### **1. Operating without Consent of the Board**

The Member Secretary informed the members that the Board is a small Board and generates funds from grant of consent. The said funds are utilized for Salary, Vehicle maintenance, Legal Matters and other expenditure

Hence it is proposed to utilize these funds for;

- a. Salary purpose of project related staff
  - b. Training of staff.
  - c. Recruitment of manpower
  - d. R & D activities
  - e. Inventorization of batteries waste, e-waste, biomedical waste, Hazardous waste, C & D waste, Solid waste and Plastic waste
2. **Discharge of waste water or STP/ETP treated effluent exceeding permissible limits**

The Member Secretary further informed the members that the funds received from above violation will be utilized for ;

- a. Restoration of water bodies.
  - b. Small treatment plants
  - c. Purchase of monitoring instruments
  - d. Classification of rivers as per best designated use
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e. Carrying capacity studies of rivers

3. Violations in Air standards, Noise

The Member Secretary further informed the members that the funds received from above violation will be utilized for;

- a. Modeling studies/Source apportionment studies
- b. AAQM Monitoring
- c. Purchase of monitoring instruments
- d. Installation of smog towers etc.
- e. Health survey

4. Disposal of Solid waste

The Member Secretary further informed the members that the funds received from above violation will be utilized for;

- a. Providing funds for installation of facilities for solid waste management
- b. Awareness Programmes
- c. Remediation

Action Management Plan for utilization of fees generated by the Board

The Goa State Pollution Control Board (GSPCB) was created under a statute and came into existence on 01/07/1989. The GSPCB is a relatively weaker Board when it comes to financial power as also the staff strength of 128 staff working in various section but pre-dominantly in the scientific and technical section.

The Board gets revenue from many sources like consent fees under the Water and Air Acts, Polluters Pay Penalty which is by way of a fine which is spent towards remediation of contaminated sites, etc. in the year 2019-20 the GSPCB had collected an amount of Rs. 7.86 crores by way of Consent fees and in the current financial year the GSPCB has collected Rs. 2.28 crores (upto September) by way of consent fees.

The Board proposes to utilize the consent fees and the Polluters Pay penalty towards,

- (i) Salary of staff, Administrative cost, POL, etc.
- (ii) Remediation of contaminated sites and to develop infrastructure, procurement of equipment, hiring of experts/Consultants towards remediation of sites in question.
- (iii) Specific investigations and studies with regard to environment and ecology
- (iv) Carrying capacity assessment for ecologically and environmentally sensitive & critical areas, including hiring of Experts/Consultants for specific purpose and period.
- (v) Development of Infrastructure of Air and Water quality surveillance and monitoring for different areas/locations in the State of Goa and other important places.
- (vi) R & D activities with regard to new technologies, clean technologies, etc.
- (vii) Capacity building of scientific and engineering personnel of the Board to rejuvenate and protect the environment.
- (viii) Augmenting and strengthening of laboratory network in terms of manpower, logistics, etc.
- (ix) Specialized studies on accidental spill areas, health impact assessment, recalcitrant pollutants etc
- (x) Any other scientific and technical matter which may arise as a contingent matter


The Member Secretary further informed the members that in order to maintain the financial stability of the Board, a corpus fund needs to be generated. At present, the Board has a Fixed Deposit of Rs. 32,37,60,027/-. Out of which Rs. 7,26,87,487/- is to be paid to the contractor towards the Boards building cum laboratory, Rs. 7,75,00,000/- is to be paid to the Boards' staff towards arrears of 7<sup>th</sup> pay and an amount of Rs. 1.81 crores to be refunded to the Goa Waste Management Corporation towards the setting up of Common Waste Treatment Facility. From the balance amount, as available, an amount of Rs. 5 crores is proposed to be converted into corpus fund. Further, it was decided to deposit a minimum of Rs. 50 lakhs annually in the corpus fund to enhance the financial stability of the Board. It was further resolve that the interest generated from the said fund will be re-invested in the corpus fund.

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IV. The Board Member raised the issue of dumping of glass bottles at various locations in the State of Goa including Touristic locations. The used glass bottle have no value for recycling, hence, no rag pickers or scrap dealers are collecting the glass bottles. He further requested that this issue should be taken up under EPR (Extended producer Responsibility) by the concerned manufacturer. The Board decided to write to the Department of Environment to take up this issue under the EPR Policy. It was also decided to write to the Department of Commercial Taxes to verify the list of manufacturers selling their products in glass bottles in the State of Goa

V. The meeting ended with thanks to the Chair

  
( Dr. Shamila Monteiro )  
Member Secretary

  
( Ganesh Shetgaonkar )  
Chairman