

CHAPTER 1

INTRODUCTION

1.1 GENERAL INTRODUCTION

The Goa State Pollution Control Board is an autonomous statutory organization constituted on 1st July, 1988 under the Water (Prevention & Control of Pollution) Act, 1974. Prior to that, when Goa formed part of the erstwhile Union Territory of Goa, Daman and Diu, the Central Board for the Prevention and Control of Water Pollution was performing the functions of the State Board in Goa. The Central Pollution Control Board at Ponda-Goa had established a Section Office for the purpose. The same arrangement continued till the constitution of the State Board. In the meanwhile, the Section Office was re-constituted as West Zonal Office and shifted to Baroda on 4th April, 1988. All the relevant records pertaining to Goa were transferred to the Goa State Pollution Control Board on 12th September, 1988.

The Goa State Pollution Control Board, after its constitution, established its office in the Goa Medical College Complex at Bambolim. In June 1991, the Government of Goa allotted independent premises for the Board at Patto- Panaji, where the Board shifted its' office in September 1991.

On 15th August, 2002 the Board acquired new premises on the 1st floor in Dempo Tower at Patto Plaza, Panaji and shifted its full set-up to this new premise. Subsequently, on 15th August, 2005, the Board acquired additional premises measuring 311.86 Sq. mt. on the 4th floor of the same building. The Physical and Analytical Laboratory-I was set up on the 1st Floor and the Physical and Analytical Laboratory-II and the Microbiology Laboratory were set up on the 4th Floor.

1.2 CONSTITUTION OF THE BOARD INCLUDING CHANGES THEREIN

The year under report came under the jurisdiction of two different Boards, one under the Chairmanship of Dr. L. U. Joshi followed by the other under the Chairmanship of Dr. Simon de Sousa. Initially, the Board constituted on 09/06/2006 under the chairmanship of Dr.L. U. Joshi completed its term on 8th June, 2009. This Board had been constituted vide Order No. 5/20/87-STE/Part II/198 dated 26/05/2006 and the composition is as given below:-

Chairman

1. Dr. L.U. Joshi, Ex-Director (Scientific), Ministry of Science & Technology (New Delhi)

Members

2. Shri J.S.S. Rego, Chief Engineer-II, PWD
3. Dr. Rajananda Dessai, Director, Health Services
4. Shri Joseph D'Souza, Scientist (Remote Sensing), S.T.E
5. Shri J.B. Bhingui, Director, Department of Mines
6. Shri S.G. Redkar, Chief Inspector, Factories & Boilers
7. Smt. Ruth Furtado, Councilor, Corporation of City of Panaji
8. Smt. Carmeline Menezes, Sarpanch, Village Panchayat of Guirim
9. Shri Gurudas Gawas, Navelim, Bicholim
10. Shri Nitin Kunkolienkar, President, Goa Chamber of Commerce & Industry

11. Shri Keshav Kamat, President, Goa Small Industries Association.
12. Shri Tulio de Souza, President, Association of Architects
13. Shri A.V. Palekar, Managing Director, Goa Industrial Development Corporation
14. Shri. Palekar, Managing Director, Goa Tourism Development Corporation

Member Secretary

15. Shri A. G. Daiwajna, Executive Engineer, PWD

The term of the above Board expired on 8th June, 2009 following which the Government of Goa re-constituted the Goa State Pollution Control Board vide Order No. 5/20/87-STE/(Part II)/239 dated 8th June, 2009. The composition of the re-constituted Board is as given below:-

Chairman

1. Dr. Simon N. de Sousa, Ex Dy. Director / Scientist 'F', National Institute of Oceanography, Dona Paula

Members

2. Chief Conservator of Forests, Forest Department, Panaji
3. Chief Engineer, Water Resources Department, Panaji
4. Director, Directorate of Industries, Trade & Commerce, Panaji
5. Director, Directorate of Mines & Geology, Panaji
6. Director, Directorate of Technical Education, Porvorim
7. Shri. Gurunath Laad, Councilor, Margao Municipal Council, Margao
8. Smt. Radha Kavlekar, Councillor, Margao Municipal Council, Margao
9. Shri. Saifullah B. Khan, Councillor, Mormugao Municipal Council, Mormugao
10. Shri. Basilio Fernandes, Member, Village Panchayat of Camurlim, Salcete
11. Shri. Ramkrishna Kerkar, Member, Village Panchayat of Candolim, Bardez.
12. Shri. Caesar Menezes, President, Goa Chamber of Commerce & Industries, Panaji
13. Shri. Atul Naik, President, Goa Small Industries Association, Panaji
14. Shri. Jose Manuel Noronha, Bhagbhat, Raia, Salcete
15. Managing Director, Goa Industrial Development Corporation, Panaji
16. Managing Director, Goa State Infrastructure Development Corporation, Panaji

Member Secretary

17. Shri Srinet Kothwale, Goa Civil Services

1.3 CONSTITUTION OF THE TECHNICAL ADVISORY COMMITTEE

This committee was functioning up to February 2008 and a third re-constitution was made vide office order C-17 dated 15/02/2008. In this re-constitution, 5 members i.e., Dr. Savita Kerkar, Shri Shridhar Kamat, Shri Pascoal Noronha, Shri Michael De Souza and Shri A. V. Palekar were replaced with 5 members. The final committee for the year under report is as follows:

1. Shri. A. G. Daiwajna, Member Secretary, Goa State Pollution Control Board
2. Shri Nitin Kunkolienkar, President, Goa Chamber of Commerce & Industry (or his authorized representative)
3. Shri Keshav Kamat, Ex President, Goa Small Industries Association (or his authorized representative)

4. Shri Tulio De Souza, President, Institute of Architects, Goa Chapter (or his authorized representative)
5. Dr. Joseph De Souza, Chief scientist (Remote Sensing). Dept of Science, Technology & Environment,
6. Shri Jose Noronha, M.E. (T.E.) MIE (MECH), Margao,
7. Shri Sanjeev Joglekar, AEE, Goa State Pollution Control Board
8. Dr. Simon de Souza, (Ex Scientist 'F') Consultant, Goa State Pollution Control Board
9. Shri Sanjay Vaze, AEE, Goa State Pollution Control Board

The above Committee continued to function under the new Board till 07/07/2009 with Shri Srinet Kothwale, Member secretary replacing Shri A. G. Daiwajna as Chairman of the TAC.

Under the Chairmanship of Dr. Simon N. de Sousa, the Technical Advisory Committee was re-constituted vide Order dated 08/07/2009. The following members were appointed under this Committee:

1. Shri. Srinet Kothwale, Member Secretary, Goa State Pollution Control Board
2. Dr. Mohan Girap, Project Scientist, (Geology), Goa State Committee on Science and Technology
3. Shri Anil Kher, B.Tech (Chemical) 464, Landscape Pinto Park, Campal, Panaji Goa.
4. Shri Pascoal Noronha, B.Sc B.E (Civil), House no. 206, St. Joaquim Road, Borda, Fatorda, Margao Goa.
5. Shri Sridhar Kamat, B.E (Civil), M-50- Housing Board Colony, Gogol, Margao Goa.
6. Dr. Savita Kerkar, Reader, Dept. of Marine Bio-Technology, Goa University, Bambolim
7. Mrs. A.A. Barretto, Head of Dept. (Food Technology), Govt. Polytechnic, Panaji
8. Dr. Xivanand Verlekar, Retd. Scientist – (Biologist) N.I.O, 606, Pinto Vaddo, Candolim, Bardez Goa
9. Prof. Suraj Rane, Padre Conceicao College of Engineering, Verna, Salcete Goa. – B.E (Mechanical) M.E (Industrial Engg), Pursuing Ph.D

Shri Sanjeev Joglekar, Assistant Env. Engineer of Goa State Pollution Control Board was appointed as Convenor/Facilitator for the Technical Advisory Committee. It was decided that five members will form the quorum for the meeting.

The Committee held weekly meetings on every Monday at 4.00 pm in the Conference hall of the Board to scrutinize and make recommendations / comments / suggestions on the applications from industrial units received by the Board for Consent to Establish / Operate / Renewal of Consents under the Water and Air Acts, Authorizations under the Hazardous Waste Rules, Bio-medical Waste Rules, etc. (except those of Green category industries). The applications from green category industries were scrutinized by the technical and scientific sections of the Board and approved by the Chairman on recommendation by the Member Secretary for grant of Consents.

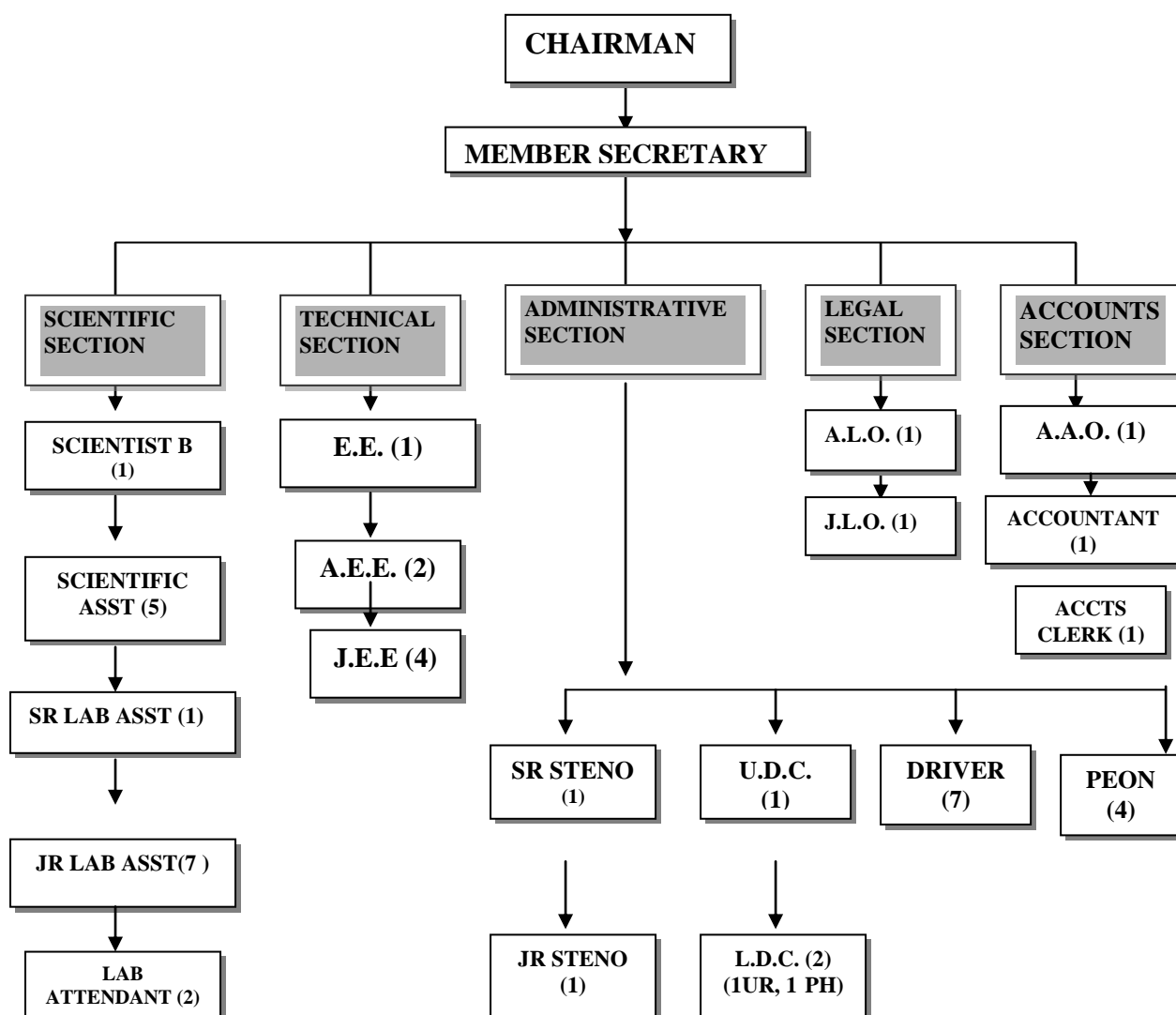
The recommendations of the Technical Advisory Committee meetings, in the form of Minutes, were placed before the Chairman for approval and on approval by Chairman, Consent Orders were issued by the Member Secretary.

CHAPTER 2

THE ESTABLISHMENT

2.1 STAFF OF GOA STATE POLLUTION CONTROL BOARD

ORGANIZATION CHART



Apart from the above employees, the Board has into its employ additional 14 employees on contract basis.

2.2 INFRASTRUCTURE FACILITIES

2.2.1 LABORATORY FACILITIES

The Board has two full fledged laboratories, one on the 1st floor and the other on the 4th floor. These laboratories are well equipped with instruments and equipments needed for carrying out analysis of water, air and soil samples for chemical, physical and bacteriological

parameters including trace and toxic metals, pesticides and organic components. The Board has sophisticated instruments like Atomic Absorption Spectrophotometer with Flame and Graphite Furnace Modules, Gas Chromatograph, Total Organic Carbon Analyzer, etc. Recently, the Board has procured Carbon Monoxide (CO) Analyzer, Gas Chromatograph – Mass Spectrophotometer (GC-MS) and Toxicity Characteristic Leachate Procedure (TCLP) Kit through funds provided by the Ministry of Environment & Forests.

The Board has also put up a proposal to the Central Pollution Control Board for setting up of 7 additional ambient air quality monitoring stations. The proposal is under active consideration of CPCB. The Board intends to purchase the equipments required for monitoring these stations during the following year.

2.2.2 WEATHER MONITORING STATION

Meteorological data such as Wind Direction, Wind Speed, Ambient Air Temperature, Humidity, Solar Radiation and Rainfall was regularly monitored using the Automatic Weather Monitoring Station (AWMS). Data on these 6 parameters were regularly displayed on the Display Board set up at GSPCB office.

2.2.3 MOBILE LABORATORIES

The existing three Mobile Laboratories were put into operation. These mobile laboratories were extensively used for conducting inspections and monitoring programmes during the year.

2.3 FRONT OFFICE

The front office of the Board located on the 1st floor is occupied by the Chairman's cabin, the Member Secretary's cabin, cabin of PA to Chairman, Visitor's lounge, Security and Inward Section. The Administrative, Technical, Legal and Accounts Sections are also located on the 1st Floor adjacent to the Front Office.

2.4 LIBRARY FACILITIES

The Board has a spacious library of its own on the 4th Floor. It has varied publications from different departments/institutions, such as MOEF, CPCB, other State Boards' Annual Reports, etc. Legal, accounts and technical books, ISI Specifications, etc. are also available in the Boards library.

2.5 CONFERENCE ROOM

The Board has a spacious Conference Room on the 1st floor. It is fully air conditioned with a seating capacity for around 60 people and facilities like whiteboard, TV and Video. All Board Meetings and some other important meetings are held in the Conference Room.

CHAPTER 3

ACTIVITIES OF THE BOARD

3.1 MEETINGS OF THE BOARD

The tenure of the Goa State Pollution Control Board constituted on 08/06/2006 vide Order No. 5/20/87-STE/Part II/198 dated 26/05/2006 ended on 08/06/2009. Consequently, the Board was re-constituted on 08/06/2009 vide Order No. 5/20/87-STE/(Part II)/239 dated 8th June, 2009. Therefore, the Goa State Pollution Control Board held two Board Meetings under the old Board and three Board Meetings under the new reconstituted Board during the year under report. The details of the meetings held during the year are presented in the Table below:-

Sr. No.	Sr. No. of Meeting	Date of meeting	Venue	No. of members who attended the meeting
1.	92 nd	07/05/2009	Board's Conference Hall	6
2.	93 rd	02/06/2009	Board's Conference Hall	9
3.	94 th	12/08/2009	Board's Conference Hall	12
4.	95 th	11/11/2009	Board's Conference Hall	10
5.	96 th	09/02/2010	Board's Conference Hall	11

3.2 MAJOR DECISIONS TAKEN BY THE BOARD

92ND MEETING OF THE BOARD

In the 92nd Meeting, the Board took the following decisions:

- With respect to the ongoing Court matter with regard to M/s MPT, the Board had conducted ambient air quality monitoring at the locations monitored by NEERI. Also regular inspections were conducted to verify the compliance to the suggestions/recommendations made by NEERI. After deliberations, the members decided to constitute a Committee to ascertain the status of compliance to the recommendations made by NEERI and the directions issued by the Board and to place the report before the Board at the next Board meeting. It was also decided that the Committee would look into the matter of the exceeding RPM and SPM values as per AAQM reports. The Committee comprises of the following officials:
 - (i) Dr. Joseph de Souza, Chief Scientist, Goa State Council for Science & Environment
 - (ii) Shri Ashok Daiwajna, Member Secretary or Shri. Rajendra Kamat, Executive Engineer, Goa State Pollution Control Board
 - (iii) Shri Sanjeev Joglekar, A. E. E., Goa State Pollution Control Board

Mrs. Natalia Dias, Asst. Law Officer / Shri Constance Fernandes, Junior Legal Officer to assist the above members on the legal aspects.

- With respect to the Writ Petition No. 243/2008 regarding M/s Sesa Industries Ltd., the members decided to constitute a Committee to verify the compliance with the directions issued by the Board and to place the report before the Board at the next Board meeting. The Committee comprised of the following officials:

- (i) Dr. Joseph de Souza, Chief Scientist, Goa State Council for Science 7 Environment
- (ii) Shri Ashok Daiwajna, Member Secretary or Shri. Rajendra Kamat, Executive Engineer, Goa State Pollution Control Board
- (iii) Shri Sanjeev Joglekar, A. E. E., Goa State Pollution Control Board

Mrs. Natalia Dias, Asst. Law Officer / Shri Constance Fernandes, Junior Legal Officer to assist the above members on the legal aspects.

- In the 86th meeting, the Board had decided to permit operation of the unit of M/s Jain Udyog for a period of one year subject to (i) monitoring of the unit by the Board for three months by appointing two recognized Environmental laboratories to carry out AAQM and stack monitoring and (ii) the unit conducting an EIA. Further, it was decided that M/s Klean Laboratories, Pune and M/s J. M. Environet, Delhi would do the monitoring. The monitoring reports and the EIA report were submitted which indicated that the unit was complying with all the requirements. After deliberations and perusal of the relevant documents, the members decided to grant consent to operate under the Water and Air Acts to M/s Jain Udyog for a period of two years, i.e., up to 31/03/2011 and permit the unit to store coal in a closed shed. The members also decided that the Board should continue further monitoring of the unit on a regular basis.
- The members decided to grant consent to Establish and Consent to Operate to the Mine of M/s Shantilal Kushaldas & Co. Pvt. Ltd., (Zoloracho Dongor iron ore mine bearing T.C. No. 44/51) Maina, Quepem subject to the condition that the Consent to Operate is granted for operation only in non-forest areas.
- With regard to the construction of Common Hazardous Waste Treatment and Safe Disposal Facility (CHWTSDF) and the issues pertaining to Writ Petition no. 657/1995, the members decided to call the Managing Director, IDC, Collector, South Goa, Secretary, IWMA and a representative of the State Govt. for hearing to discuss the progress. The Board accordingly formed a committee to study the case and place the report before the Board at the next Board meeting.
 - (i) Dr. Rajananda Dessai, Director of Health Services
 - (ii) Mr. S. M. Paranjape, Chief inspector, Factories & Boilers
 - (iii) Shri Ashok Daiwajna, Member Secretary, GSPCB
 - (iv) Shri Sanjeev Joglekar, Asst. Env. Engg., GSPCB
- With respect to 'Assessment of Pollution from Specific Sources, namely: (i) Status of Sewage Management in Goa, (ii) Status of Bio- Medical Waste Management in Goa and (iii) Status of Municipal Solid Waste Management in Goa', the members approved the reports submitted by M/s Padmaja Aerobiologicals, Mumbai to forward the same to the Central Pollution Control Board and also were of the opinion that the reports be submitted to the State Govt. for implementation. The members also approved to release the payment to M/s Padmaja Aerobiologicals, Mumbai towards preparation of the above reports and also to send UC to CPCB.
- Regarding the disposal of hazardous waste stored by M/s Sunrise Zinc Ltd. at Cuncolim Industrial Estate, the members were of the view that the Board should correspond directly with M/s Sunrise Zinc Ltd. with a copy endorsed to the State Bank of India to cover the hazardous waste stored within the premises with tarpaulin and start with the work of encapsulating the hazardous waste in the captive landfill site. It was also decided that the State Bank of India be asked to grant permission to the

Directors of M/s Sunrise Zinc Ltd. to enter the premises to carry out the said works before the onset of the monsoons.

93RD MEETING OF THE BOARD

In the 93rd Meeting, the Board took the following decisions:

- The members approved the confirmation of the services of all the 33 regular Board staff.
- With respect to the ongoing Court matter with regard to M/s MPT, the members accepted the conclusion and recommendations listed in the report of the Committee and it was decided that since monsoon is approaching M/s MPT be allowed to handle coal & coke at berth nos. 10 & 11 till the end of monsoon and further conduct ambient air quality monitoring at all the locations where NEERI had monitored for a period of two months after the erection of additional wind curtain is complete. The members also approved issue of directions to MPT to complete the work of erection of wind curtain before end of monsoon.
- With regard to the construction of CHWTSDf and the issues pertaining to Writ Petition no. 657/1995, the report submitted by the committee was placed before the Board. Based on the report, the members decided to: (i) issue directions to the Inspectorate of Settlement and Land Records, Quepem to demarcate the site immediately. (ii) issue communication to the State Govt. informing the status of setting up of Common Hazardous Waste Treatment Storage & Disposal facility at Dharbandora and requesting the State Govt. to expedite the matter in view of the orders of the Hon'ble Supreme Court.
- Regarding the covering of the hazardous waste stored by M/s Sunrise Zinc Ltd. at Cuncolim Industrial Estate, it was learnt that the covering has been commenced. The members decided that an inspection be carried out to verify the facts.
- The members noted the present conditions given to five and three star hotels for disposal of municipal solid waste / garbage and approved for issue of amendment in the water consent to five and three star hotels for installation of adequate system for treatment of bio-degradable / organic waste for converting the same to compost so as to meet the standards for compost prescribed in the Municipal Solid Waste (Management & Handling) Rules, 2000. The members also decided to grant three months time to the three and five star hotels to comply with the same.
- The members approved payment of 40% arrears of the Sixth Pay Commission for the period from 01/01/2006 to 31/08/2008 to the staff of the Board and the staff on deputation after making necessary deductions of income tax. The members also approved to pay the balance 60% by 30/09/2009.
- The members approved for grant of consent to Establish under Water and Air Acts for the proposed expansion of 52MW Combined Cycle Power Plant of M/s Reliance Infrastructure Ltd. – Goa Power Station for which EC has been obtained by the unit.
- The members decided to grant consents under the Water & Air Acts to the following Casinos subject to the conditions that the operator files monthly statements w.r.t. generation and disposal of sewage along with receipts issued by the PWD for disposal of sewage in the STP.

- (i) M/s Creative Gaming Solutions Pvt. Ltd. – M.V. San Domino (Maharaja)
- (ii) M/s High Street Cruises 7 Entertainment Pvt. Ltd.) – M.V. Casino Royale
- (iii) M/s Goa Coastal Resorts & Recreation Pvt. Ltd. – M.V. Pride of Goa
- (iv) M/s Advani Hotels & Resorts (I) Ltd. – M.V. Caravela
- (v) M/s Victor Hotels & Motels Ltd. – M. V. Arabian Sea King
- (vi) M/s Hotel Leela Venture Ltd. – M.V. The Leela Casino Rio

- The members approved the draft Annual Report of the Board for the year 2008-2009 so as to forward the same to the Government for placing the same in the Legislative Assembly.

94TH MEETING OF THE BOARD

In the 94th Meeting, the Board took the following decisions:

- The members decided to constitute a sub-committee to study the issues pertaining to Categorization of Industries into Red, Orange & Green; Common Application Form; Validity of Consents and Revision of Fee Structure. To study and discuss these matters in detail in the next meeting of the Board. The committee comprised of the following members:
 - (i) Director of Industries, Trade & Commerce, Member
 - (ii) Managing Director, Goa Industrial Development Corporation
 - (iii) Shri. Caesar Menezes, President, Goa Chamber of Commerce & Industries
 - (iv) Shri. Atul Naik, President, Goa Small Industries Association
 - (v) Member Secretary, Goa State Pollution Control Board
- The members approved the creation of the post of Scientist 'B' (Chemistry; 1 no.; promotional post), Scientific Assistant (Microbiology) (1 no.), Senior Laboratory Assistant (3 nos.; promotional posts), LDC (1 no.), Peon (1 no.) and Laboratory Attendant (1 no.) and decided to forward the same to the Department of Science, Technology & Environment for creation.
- The members approved the proposal of hiring of premises admeasuring about 80 to 100 Sq. mts. in the close vicinity of the Fatorda Bus Stand, Margao to set up regional office at South Goa.
- With respect to the ongoing Court matter with regard to M/s MPT, the members perused the summary of the air quality monitoring reports undertaken by NEERI, the summary of ambient air quality monitoring reports undertaken by the Board and the submissions made by MPT and decided to issue directions to MPT to implement the recommendations made by NEERI in its report within 30 days of issue of directions. Further, the Board decided that MPT should make necessary arrangements for mechanized handling of coal and coke at berth no. 7 by trucks. The members decided to permit the handling of coal and coke at berth nos. 10 & 11 and take further decision on the matter on receipt of the action plan.
- The members approved the proposal of conducting ambient air quality monitoring at seven locations, i.e., curchorem, Usgao-Pale, Codli Tisk, Honda junction, Bicholim, Amona and Assanora Junction through a laboratory recognized by the MoEF, GOI.

- The members decided that the applications received from industries presently classified as Green Category of industries in the proposed categorization for Consent to Establish, Consent to Operate and Renewal of Consents should be processed in the office by the Member secretary with the approval of the Chairman for grant of consents. The members suggested that as regards to the applications under Orange Category and Specified Orange the same could be discussed and decided by the Technical Advisory Committee (TAC). The members decided that in case of industries classified as Red Category, the applications for Consent to Establish and Consent to Operate should be discussed in the TAC and with the recommendations of the TAC be placed before the Board, however, renewal of Consents for Red Category of industries is to be decided by the Chairman with the recommendations of the TAC.
- With respect to the hazardous waste of M/s Sunrise Zinc Ltd. stored within its premises in Cuncolim Industrial Estate, the members decided that the company, M/s Sunrise Zinc Ltd. is responsible for treatment and disposal of the accumulated hazardous waste and hence, necessary directions should be issued to the Board of Directors of M/s Sunrise Zinc Ltd.
- The members decided to include Sr. Counsel Gilman Coelho Pereira, former Advocate General of the State of Goa and Senior Counsel, as the Legal Counsel in the Panel of Advocates presently representing the Board.
- The members approved the re-constitution of the Purchase Committee for the purchase of scientific instruments / equipments / chemicals / consumables, etc. of the laboratory section and the administrative section / office. The Committee for the laboratory section comprises of the following members: Member Secretary-GSPCB, Scientist 'B'-GSPCB, AAO (Accountant in absence of AAO)-GSPCB, Mrs. Analia Mesquita / Mrs. Lizette D'Souza, Scientists-NIO, EE (AEE in absence of EE)-GSPCB, Mr. Francisca Pereira, SA-GSPCB and ALO-GSPCB. The committee for the Administrative section comprises of the following members: Member Secretary-GSPCB, EE (AEE in absence of EE)-GSPCB, AAO (Accountant in absence of AAO)-GSPCB and ALO.
- The members approved the proposal to retain the post of Assistant Accounts Officer (AAO) in the Goa State Pollution Control Board, which was abolished in the 93rd meeting of the Board. The members also decided that the AAO shall be incharge / section head of the Accounts and Administrative Section of the Board and to re-designate the post from AAO to Accounts cum Administrative Officer.
- The members agreed to nominate one representative from Water Resources Department into the Technical Advisory Committee of the Board on the suggestion of the Chief Engineer, WRD who is a member of the Board. The informed that some mining applications have to be scrutinized under the Irrigation Act and Ground Water Act before issue of consent.
- The members approved for engaging the services of an experienced person having practical knowledge in updating the books of Accounts of the Board for the financial year 2003-2009, as the same have to be audited by the Auditor. The members also decided to terminate the services of Mr. C. Y. Ramani, Chartered Accountant, who was earlier engaged by the Board to maintain the books of Accounts, as the services rendered by him were found to be unsatisfactory.

- The Government of Goa had constituted a Committee under the Chairmanship of the Chief Conservator of forests and consisting of officials from six other departments including GSPCB to inspect and verify that the operations of various mines in the State of Goa are in accordance with the guidelines, permissions, NOCs, etc. granted by the various authorities. The committee inspected and submitted the reports to the Board, which as per the condition in the Environmental Clearance have to be verified by the Regional Office of MoEF. The members approved for forwarding the Reports and observations of the Monitoring Committee to the Regional Office, Bangalore for further necessary action.

95TH MEETING OF THE BOARD

In the 95th Meeting, the Board took the following decisions:

- The members accepted the report on 'Categorization of Industries/Enterprises, Validity of Consents, Combined Form and Fee Structure' submitted by the Sub-Committee and proposed to forward the same to the Government for issue of a Notification.
- With respect to the directions issued to Mormugao Port Trust to submit an 'Action Plan' in view of implementation of short and long term measures suggested by National Environmental Engineering Research institute (NEERI), Nagpur, a hearing was conducted, where the representative of MPT stated that construction of closed shed and mechanization of handling of coal / coke at berth nos. 10 and 11 is economically and technically not viable. In addition he informed that berth no. 10 and 11 are also utilized to handle other bulk cargoes. He emphasized that the coal and coke cargo is covered with tarpaulins and regular spraying of water during cargo handling is being carried out. He further stated that operations at berth no. 7 will be fully mechanized and cargo will be transported in covered railway wagons by 2012. However, MPT has decided to appoint a Consultant for undertaking mechanized coal and coke handling and construction of closed sheds at berth nos. 10 and 11. MPT will take a further decision on receipt of the Report of the Consultant. He also stated that MPT is exploring the possibility of transporting the domestic coal and coke by barges and informed that M/s Sesa Industries Ltd. is presently transporting coal by barges. The official further stated till date MPT has not been able to identify a barge landing point for coal and coke for the domestic users.
The members perused the presentation and decided to conduct a site visit of the Mormugao Port Trust in the last week of November. They also decided to carry out ambient air quality monitoring at the locations where NEERI had carried out monitoring for a period of four weeks to ascertain the effects on the ambient air quality pursuant to installation of additional length of wind shields / screens of 100 metres length.
- The members decided to issue Consent to Establish to M/s Syngenta India Ltd. for installing a Reverse Osmosis Plant of capacity 1500 m³/day.
- The members perused and approved the Revised Budget for the year 2009-2010 and Budget Estimate for the year 2010-2011.
- The members perused and approved the proposal for implementing the Xtended Green Node software by the Goa State Pollution Control Board.
- The members approved the reports regarding 'Assessment of Pollution from Specific Sources' under the programmes identified by Central Pollution Control Board and authorized the Chairman to constitute a Sub-committee to examine each of the

Reports prepared, representing one Technical / Scientific person in the relevant field as its member. The report of the Sub-Committee be placed at the next Board meeting.

- The members approved the list of applications cleared in the Technical Advisory Committee during its meetings held from 03/08/2009 to 19/10/2009. The members also approved the list of applications cleared by the Board officials from 11/09/09 to 30/10/09 in respect of Green Category Industries.
- With respect to the application of M/s Pinky Shipyard Pvt. Ltd. for Consent to Establish a Ship building and Shipyard, the members on scrutiny of the proposal pointed out that the project proponent has not submitted the following documents:
 1. E.M.- Part I registration from the Industries Department
 2. Copy of the Project reportThe members further desired that a copy of the Environment Impact Assessment Report be made available to them well in advance. After deliberations the members decided to carry out a site visit in the last week of November, 2009 during the inspection of Mormugao Port Trust.
- The members decided to exclude Guest houses / Lodging / Boarding houses having 10 or less rooms as categorized under 'D' category by the Department of Tourism, from obtaining Consent to Establish / Operate of the Board by stipulating guidelines like maintenance of soak pit/ septic tank for discharge of waste water.

96TH MEETING OF THE BOARD

In the 96th Meeting, the Board took the following decisions:

- The members approved inclusion of manufacture of Tyres, tubes, flaps using natural as well as synthetic rubber in the Red category and re-classifying the activity of manufacture of Wines and County Liquor by fermentation including blending, mixing and re-packing in the Green Category.
It was further decided to forward the abovementioned re-classification and inclusion of additional activities to the Department of Science, Technology & Environment for approval of the Government.
- The members perused the inspection report of the visit of the Board members to Mormugao Port Trust (MPT) on 08/01/2010 and the minutes of the meeting held on 15/01/2010. The members desired that there should be an integrated approach to achieve long term solutions and approved to issue the following directions to Mormugao Port Trust (MPT):
 - a. The height of coal stacked at berth no. 10 and 11 should not exceed 7 metres.
 - b. The efficiency of the sprinkler system to be improved for a longer reach. MPT should install flow metres and maintain a Log Book for utilization of water for sprinkling on daily basis.
 - c. Carry out a techno-economic feasibility for mechanization of coal / coke handling at berth no. 10 and 11 for construction of closed sheds for storage of coal and coke within forty five days and submit the report to the Board.
 - d. Erection of additional barricade of G.I. wind shields on the city side of 100 metres length, within 90 days and submit the compliance report to the Board.
 - e. Carrying out ambient air quality monitoring at the same locations where National Environmental Engineering Research Institute (NEERI), Nagpur had done, through a laboratory recognized by the Ministry of Environment and Forests, Govt. of India, twice a week and submit reports to the Board every month.

- f. MPT should ensure that the trucks leaving the premises are not overloaded and the coal is covered properly with tarpaulin.

The members were also of the opinion that MPT is privatizing the berths arbitrarily without taking the State Government or the State Pollution Control Board in confidence. Hence, the Board desired to seek clarification in this matter from Mormugao Port Trust.

- The members perused the Audit report for the financial year 2002-2003 submitted by M/s Harite and Associates, Chartered Accountants for the year 2002-2003 and approved the same.

The members expressed their concern that the audit of the Board is pending for the last many years and suggested that the Board should appoint its own Internal Auditors by following the due procedure. As far as Audit fees and appointment of Internal Auditor is concerned, the members suggested to study the procedure followed by other Government Corporations, Autonomous bodies etc.

- The members approved the proposal of 'Supplementary Budget' with an additional provision in the budget towards advertisement to the total extent of Rs. 30.75 lakhs for the financial year 2009-2010.

- The members approved for grant of Consent to Establish (for expansion) to M/s Sesa Industries Limited for installation of an additional blast furnace to increase the production of Pig iron by 2.85 lakh MT/annum.

- The members approved for issue of Consents to Operate to the unit of M/s Syngenta India Ltd. for the manufacture of Thiomethoxam (expansion) and manufacture of a new product Virtako 40- WG.

- With respect to the application of M/s A.X. Poi Palondicar (Hunatlo Dongor iron and manganese ore mine) for production of iron ore and expansion in production of manganese ore the members approved the proposal for grant of Consent to Establish, but decided that Consent to Establish should not be issued to the mine unless, the unit submits the permission of the Chief Wild Life Warden.

- The members perused the minutes of the personal hearing and the written comments received from the Water Resources Dept. (WRD) Govt. of Goa and Central Ground Water Board (CGWB) with respect to the matter of Shirgao Mines case. During the meeting it was highlighted that the Officials of the WRD and CGWB were of the view that the following recommendations made by NEERI could be implemented forthwith:

- a. Construction of re-charge trenches to control seepage of water into mining pits.
- b. Proper slope stabilization in the mining areas to minimize run-off from the over burden dump material to the nearby agricultural fields
- c. Remediation technique for bio-remediation of silted fields.

The CGWB WRD and officials of NEERI were of the opinion that further feasibility study requires to be carried out in order to implement the following recommendations made by NEERI.

- i. Roof top water harvesting structure
- ii. Construction of sub-surface dykes and Bentonite grouting to control seepage.

The members of the Board took note of the opinion of the official of the WRD and that the measures suggested by NEERI were short term measures specifically dealing with shortage of drinking water and not dealing with shortage of water for agricultural purpose. The long term measures dealing with shortage of water for agricultural purpose have to be identified. The members were of the opinion that the WRD should

be requested to carry out field studies and submit their recommendations. The officials of the WRD present for the meeting stated that they would require six months to complete the same.

In view of the above the members directed the Member Secretary to request the Hon. High Court for a further extension of six months time to decide and pass a reasoned order in accordance with the directions of the Hon. High Court dated 30/11/2009 and 06/01/2010.

- The members perused and approved the list of applications cleared in the TAC during its meetings held from 9th November, 2009 to 25th January, 2010.
- With respect to the application of M/s Francis Minguel Mascarenhas for Consent to Establish an iron mine at T.C 60 of 1951 Caneli Dongor iron ore mine for increase in production of iron ore at Vichundrem, Sanguem Goa, the members observed that the mine does not have valid Forest Clearance and permission from the Chief Wild Life Warden and after deliberations were of the opinion that Consent to Establish should not be given to any of the mines unless permissions are obtained from the Forest Department, Chief Wild Life Warden and other relevant Authorities.
- With respect to the application of M/s Mussa Xequê Usman for Consent to Establish an iron mine at T.C. no. 27 of 1957 – Dudagal Culna (Mussa) iron ore mine for increase in production of iron ore the members observed that the mine does not have clearance from the Chief Wild Life Warden and after deliberations were of the opinion that Consent to Establish should not be given to any of the mines unless permissions are obtained from the Forest Department, Chief Wild Life Warden and other relevant Authorities.

3.3. VARIOUS FUNCTIONS PERFORMED BY THE BOARD DURING THE YEAR UNDER REPORT

3.3.1 INSPECTIONS AND MONITORING PROGRAMMES

3.3.1.1 REGULAR INSPECTIONS

The Goa State Pollution Control Board conducts inspections of the Industrial Units on regular basis, as required under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981. The inspections are carried out as follows:

- (i) Before the plant is commissioned / established, Consent to Establish (NOC) is issued for construction of the shed and establishing the machinery. After commissioning, the unit is inspected and Consent to Operate under Water Act or Air Act is granted, accordingly.
- (ii) Once the plant is in operation, the consents to operate under Water/Air Act have to be renewed periodically. At this stage the unit is inspected and samples are collected and analyzed in the Boards' laboratory to check the compliance of the consent conditions. Consent renewal orders are issued to the complying units.

3.3.1.2 SURPRISE INSPECTIONS

Besides the above regular inspections, surprise inspections are also being conducted to check the compliance by the units. To achieve this, industrial monitoring programmes are

held at regular intervals, wherein the units are inspected at random with respect to the consent conditions. Samples of waste water, ambient air and stack emissions are collected and analyzed in the Board laboratory.

3.3.1.3 OTHER INSPECTIONS

Inspections in response to public complaints regarding Air / Water pollution, Hazardous Waste, Municipal Solid Waste, Biomedical Waste and Noise Pollution are also attended to by the Boards' officials as and when such complaints are received by the Board. The complaints are monitored by conducting inspections and collection and analysis of samples where ever required. Consequent to the inspections, legal notices are issued to the non-complying cases, where upon, the complainers have to take up necessary remedial measures to close the non-compliances. Subsequently, these cases are re-inspected to monitor the non-compliances.

3.3.2 SAMPLING AND ANALYSIS OF WATER AND WASTE WATER

The Board has established its own laboratories on the 1st and 4th floor of Dempo Tower with the funds from MoEF and CPCB, New Delhi. The laboratories are well equipped with modern instruments to carry out water, air and soil analyses for physical, chemical and microbiological parameters. During the period from April 2009 to March 2010 the Board collected 462 samples from various sources such as ETP, STP, discharge from mines (settling pond, mining pit, etc.), river water, well water, canal water, etc. and analyzed the same for the following parameters: pH, Biochemical Oxygen Demand, Chemical Oxygen Demand, Suspended solids and Oil and Grease, trace and heavy metals, etc..

3.3.3 SPONSORED PROJECTS

Apart from its regular activities, the Board has been implementing the following sponsored projects.

3.3.3.1 National Water Quality Monitoring Programme (NWMP)

The GSPCB monitors 29 water bodies throughout Goa under the NWMP project of the Central Pollution Control Board. These water bodies cover rivers, wells, canals, lake, reservoir and creek. The rivers include the two major rivers i.e., River Mandovi and River Zuari which are estuarine water bodies. In addition, water intake points for water treatment plants for public water supply, i.e., sweet water points in various rivers are also covered. Ground water sources (well water) located within the industrial estates are monitored. These locations were selected to check the ground water quality in and around the industrial estates.

The 29 locations covered under this programme are distributed throughout Goa such that 15 stations are located in the North District and 14 are located in the South District

The following monitoring locations are in the North District:

1. River Mandovi at Panaji
2. River Mandovi at Tonca-Marcela
3. River Khandepar at Opa, Ponda
4. River Madei at Dabose, Valpoi
5. River Valvanti at Sanquelim
6. River Assanora at Assanora

7. River Kalna at Chandel, Pernem
8. Cumbarjua Canal, Corlim (Discharge point of Syngenta Ltd.)
9. River Mapusa on culvert on Mapusa-Panaji Highway
10. River Chapora near Alorna Fort, Pernem
11. River Bicholim, Barazan Nagar, Bicholim
12. Kundaim Industrial Estate (well of M/s Cadilla Health Care Ltd.)
13. Mayem Lake, Bicholim
14. Corlim Industrial Estate (well)
15. Pilerne Industrial Estate (well of M/s Unichem)

The following monitoring locations are in the South District:

1. River Zuari at Cortalim
2. River Zuari at Panchwadi
3. River Talpona at Canacona
4. River Khandepar at Codli near bridge, u/s Opa water works, Sanguem
5. River Sal, Pazorkhoni, Cuncolim (nr culvert, Margao-Canacona National Highway)
6. River Kushawati nr bundh at Kevona, Rivona, Sanguem
7. River Sal nr Hotel Leela, Mobor, Cavelossim
8. Salaulim Reservoir at Salaulim, Sanguem
9. Creek at Dando Mollo Velsao, Mormugao
10. Agricultural Canal u/s of Cuncolim Industrial Estate (1Km from M/s Nicomet Industries Ltd.)
11. Agricultural Canal d/s of Cuncolim Industrial Estate (near railway bridge)
12. Verna Industrial Estate (well of M/s Cipla Ltd.)
13. Sancoale Industrial Estate (well)
14. M/s Zuari Industries Ltd., Zuari Nagar (well)

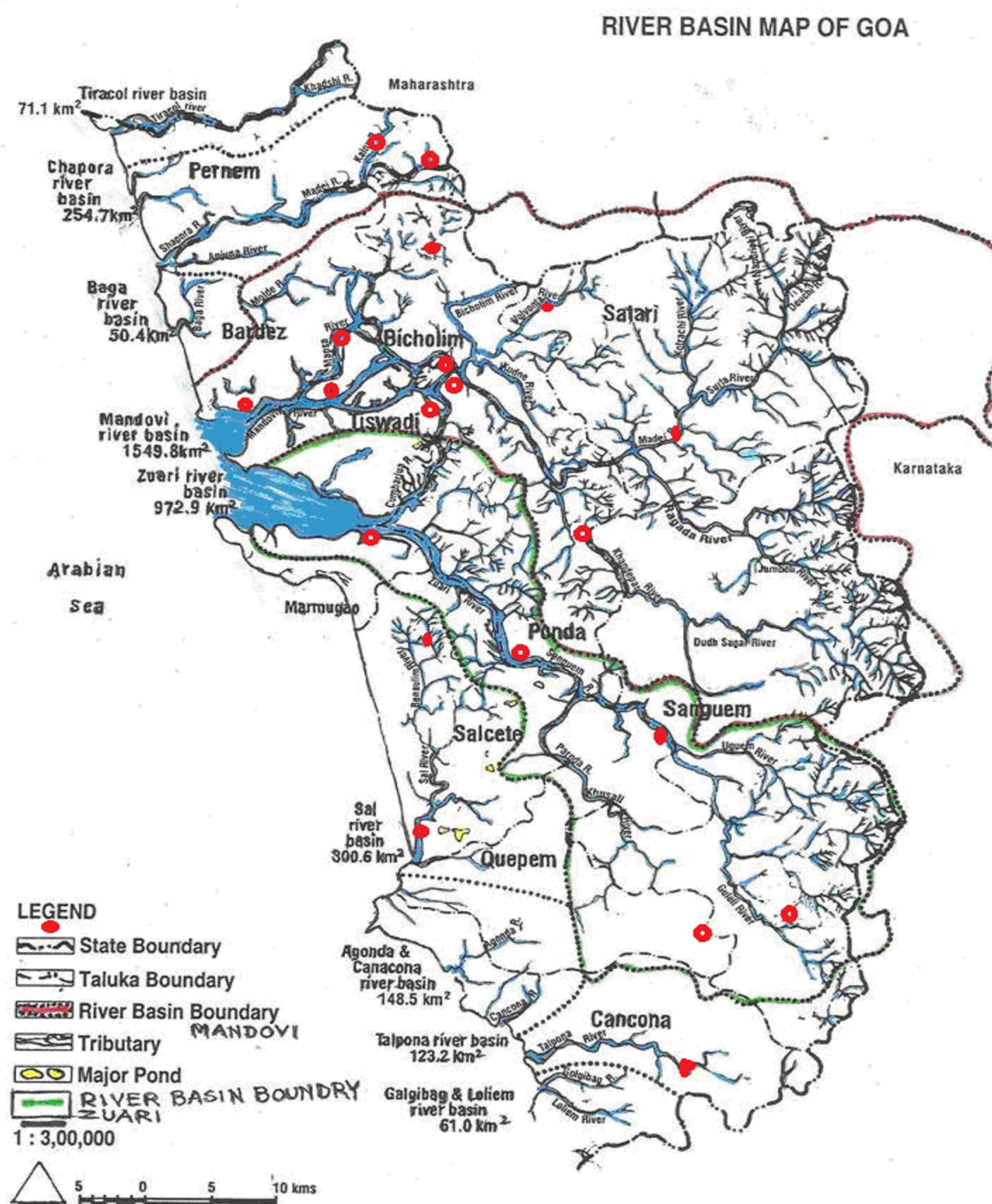
The total 29 locations are divided into three groups i.e., (i) 12 locations are being monitored monthly, (ii) 11 locations are monitored quarterly and (iii) 6 locations are monitored half yearly.

Hundred and Eighty Five water samples were collected from all these water bodies and analyzed during the year (Hundred and Fifty Six samples for 9 parameters during the regular monitoring and Twenty Nine samples for 27 parameters during annual monitoring).

The analytical results indicate that all the rivers mostly satisfy the quality requirement of the designated best uses as recommended by Central Pollution Control Board. The water quality data for the rivers observed during the year are given in Annexure II.

Figure 1 below is a water map of Goa showing the water quality monitoring locations under National Water Monitoring Programme; MINARS. The monitoring locations are indicated in red.

Figure 1: Map of Goa showing the Water Quality Monitoring locations under the National Water Monitoring Programme; MINARS



Apart from the monitoring of the above 29 locations, the Board also monitored the water quality of River Sal at the following six locations on quarterly basis:

- (i) River Sal at Kharebhand
- (ii) River Sal at Jackni Bhand
- (iii) River Sal at Pul Waddo
- (iv) River Sal at Orlim
- (v) River Sal at Rumdar
- (vi) River Sal at Mungul

A total of 10 samples from the above six locations were analyzed during the year for 9 parameters. The water quality data for these rivers observed during the year is given in Annexure II.

3.3.3.2 NAMP (National Air Monitoring Programme)

This is an ongoing activity funded by the Central Pollution Control Board, New Delhi under the National Air Monitoring Programme (NAMP). Under this programme the Board continued to monitor the ambient air quality at Vasco, MPT at Mormugao and Panaji.

The Ambient Air samples were collected at each station twice a week, as per the standard norms for ambient air quality monitoring, and normal parameters like RSPM, SPM, SO₂ and NO_x were analyzed. The ambient air quality data for these stations observed during the year are given in Annexure III. The analytical results show that all the above parameters are within the limits prescribed for ambient air quality.

Figure 2 below is a map of Goa showing the existing and proposed ambient air quality monitoring locations under National Air Monitoring Programme; NAAQM. The existing monitoring locations are indicated in green and the proposed locations are indicated in red.

Figure 2: Map of Goa showing the Ambient Air Quality Monitoring Stations under the National Air Monitoring Programme; NAAQM



3.3.3.3 SPATIAL ENVIRONMENTAL PLANNING PROGRAMME

The Central Pollution Control Board sponsored program SEPP was taken up by the Goa State Pollution Control Board in August 2005. The program, although initially designed to cater to siting of industries, was expanded subsequently to cater to siting of industrial estates, compilation of environmental information, environmental improvement of urban areas/mining areas/tourism areas, etc.

The activities under the Program include the following:

1. Preparation of State Environmental Atlas for the State of Goa
2. Revision of Zoning Atlas for Siting of Industries for North Goa and South Goa Districts
3. Preparation of Industrial Siting Guidelines for North Goa and South Goa Districts

All the above three reports have been finalized and the drafts have been approved by the Central Pollution Control Board and ministry of Defence. The Draft Reports are forwarded to the Survey of India, Dehradun for approval. Further, the reports have to be approved and implemented by the State Government.

3.3.4 ELECTRONIC DISPLAY BOARDS

The Board in collaboration with M/s Sesa Goa Ltd. and M/s Syngenta India Ltd. has put up electronic display boards at the respective factory sites to display levels of ambient air pollutants. In addition, Display Boards were also put up by M/s Zuari Industries Ltd. at four different locations on the 4-Lane Express Highway NH17-B to display levels of air pollutants within their campus.

3.3.5 IMPLEMENTATION OF HAZARDOUS WASTE (MANAGEMENT & HANDLING) RULES, 2008 & AMENDMENT.

The Hazardous Waste (Management & Handling) Rules were notified by the Ministry of Environment & Forests in the year 1989 under the provisions of the Environment Protection Act, 1986. Later the Rules were amended in the years 2000 and 2003 and subsequently, they were modified as the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules in the year 2008.

The Goa State Pollution Control Board grants authorizations to industries generating and handling hazardous wastes. At present the Goa State Pollution Control Board has identified 541 industries generating hazardous waste in Goa and authorizations have been granted for all 541 industries (since the inception of the Rules). During the year under report, 160 units have been granted authorization (new / renewals) under the Hazardous Waste (Management & Handling) Rules, 2008 and amendment. The details such as location of the unit, category of hazardous waste, quantity generated and mode of disposal are given in Table 5 in Annexure V.

3.3.6 IMPLEMENTATION OF BIO-MEDICAL WASTE (MANAGEMENT & HANDLING) RULES, 1998

For the purpose of implementation of the Bio-Medical Waste (Management and Handling) Rules 1998, Hospitals have been classified as per their bedded capacity.

1. Category 1: With 500 beds and above	1 No.
2. Category 2: With 200 beds and above, but less than 500	1 Nos.
3. Category 3: With 50 beds and above, but less than 200	13 Nos.
4. Category 4: With beds less than 50	216 Nos.
5. All other institutions generating bio-medical waste (not included above)	3 Nos.

Till 31/03/2010, 234 Health Care Units were granted authorizations under the Bio-Medical Waste (Management & Handling) Rules, 1998. The status of the Bio Medical waste generated by these units during the year is given as Table 6 in Annexure VI.

3.3.7 NOISE POLLUTION (REGULATION & CONTROL) RULES, 2000

The Board conducts monitoring of noise levels whenever any specific complaints of noise pollution are received and action is taken accordingly. In pursuance of clause (c) of rule 2 of the Noise Pollution Regulation & Control Rules, 2000, the Government of Goa vide Notification No. 2/51/2000 –II D (G) Vol I has designated (1) District Magistrates (2) Director General of Police (3) Deputy Collector and Sub-Divisional Magistrates (4) Superintendent of Police and Sub-Divisional Police Officers as 'authority' for the maintenance of ambient air quality standards in respect of noise under the said rules, with effect from 21.09.2000.

3.3.8 IMPLEMENTATION OF MUNICIPAL SOLID WASTES (MANAGEMENT & HANDLING) RULES, 2000

The Board has issued authorization to all the 14 local bodies under the Municipal Solid waste (Management & Handling) Rules. Five Municipal bodies have partly adopted effective composting methods for processing of their wastes.

3.3.9 LEGAL MATTERS OF THE BOARD

The status of the major cases filed by the Board and the cases disposed off and the cases pending, in the High Court of Bombay at Goa and in the Supreme Court of India at Delhi is presented in Annexure VII.

Annexure VIII gives the details of mining companies wherein Environmental Public Hearing process is completed.

The statement showing the details of number of requests received, disposed off, rejected, fees collected, appeals preferred to the first Appellate Authority, outcome of appeals under RTI Act, 2005 for the financial year April 2009 to March 2010 is given in Annexure IX.

3.3.10 FINANCE AND ACCOUNTS OF THE BOARD

As per sub-section 2 & 3 of section 40 of the Water (Prevention and Control of Pollution) Act, 1974, the accounts of the Board are to be audited by an Auditor duly qualified to act as an Auditor of Companies under section 226 of the Companies Act, 1956. The said Auditor is to be appointed by the State Government on the advice of Comptroller & Auditor General of India (CAG).

Auditing of the accounts for the year 2002-2003, 2003-2004 and 2004-2005 has been completed during the current financial year 2009-2010. Thereafter, auditing of 2005-2006 is being taken up. Auditors for auditing of the accounts for the year 2006-2007 will be appointed by the State Government on the advice of CAG.

3.3.11 IMPLEMENTATION OF THE SUPREME COURT GUIDELINES ON PREVENTION OF SEXUAL HARASSMENT OF WOMEN AT WORKPLACE

Information in this regard, as per the Supreme Court judgment dated 13/08/1997, is that no complaints about sexual harassment were received by the Board during the financial year covered by this report.

CHAPTER 4

HUMAN RESOURCES DEVELOPMENT

4.1.1 TRAINING / WORKSHOPS/ SEMINARS ETC. ATTENDED BY BOARD OFFICIALS

During the year under report, the officials of the Board attended training programmes / workshops / seminars organized by reputed Institutions across the Country as follows:

Sr. No.	Name & Designation of the Official	Title of the Seminar	Duration	Organizing Institute	Sponsoring Institute
1.	Shri Sajid Inamdar, Jr. Laboratory Asst.	Second Phase Training Programme on Bio-Monitoring	16 th -17 th June, 2009	Madhya Pradesh Pollution Control Board	
2.	Shri Santosh Haldankar, Jr. Laboratory Asst.	Second Phase Training Programme on Bio-Monitoring	16 th -17 th June, 2009	Madhya Pradesh Pollution Control Board	
3.	Shri. Waman Chari, Jr. Laboratory Asst.	Second Phase Training Programme on Bio-Monitoring	16 th -17 th June, 2009	Madhya Pradesh Pollution Control Board	
4.	Smt. Jenica Sequeira, Scientist 'B'	Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025	13 th – 16 th July, 2009	National Institute for Training for Standardization, Bureau of Indian Standards, Noida	----
5.	Smt. Francisca Pereira, Scientific Asst.	Laboratory Quality Management System and Internal Audit as per IS/ISO/IEC 17025	13 th – 16 th July, 2009	National Institute for Training for Standardization, Bureau of Indian Standards, Noida	----
6.	Smt. Daya Usgaonkar, L.D.C.	In Service Training Programme for LDCs	17 th – 19 th August, 2009	Goa Institute of Rural Development & Administration, Ela, Old - Goa	DoPT
7.	Shri Cedric D'Souza, L.D.C.	In Service Training Programme for LDCs	17 th – 19 th August, 2009	Goa Institute of Rural Development & Administration, Ela, Old - Goa	DoPT
8.	Shri. R. J. Kamat, Exe. Env. Engg.	Residential Training Programme for APIO / CPIO / 1 st Appellate Authority / Nodal Officer on Right to Information Act	28 th – 29 th August, 2009	Institute of Public Administration, Bangalore	----

9.	Shri. Dilip Morajkar, Accountant	Residential Training Programme for APIO / CPIO / 1 st Appellate Authority / Nodal Officer on Right to Information Act	28 th – 29 th August, 2009	Institute of Public Administration, Bangalore	----
10.	Shri. Keshav Naik, Scientific Asst.	Air Quality Monitoring Network Design, Air Sampling, Analysis and Quality Assurance	15 th – 19 th December, 2009	Pollution Control Research Institute, BHEL, Haridwar	Central Pollution Control Board
11.	Shri. Waman Chari, Jr. Laboratory Asst.	Air Quality Monitoring Network Design, Air Sampling, Analysis and Quality Assurance	15 th – 19 th December, 2009	Pollution Control Research Institute, BHEL, Haridwar	Central Pollution Control Board
12.	Smt. Natalia Dias, Asst. Law Officer	Development & Environmental Issues	20 th – 22 nd January, 2010	Goa Institute of Rural Development & Administration, Ela, Old	----
13.	Smt. Francisca Pereira, Scientific Asst.	Development & Environmental Issues	20 th – 22 nd January, 2010	Goa Institute of Rural Development & Administration, Ela, Old	----
14.	Smt. Nandan Prabhudessai, Jr. Env. Engg.	Development & Environmental Issues	20 th – 22 nd January, 2010	Goa Institute of Rural Development & Administration, Ela, Old	----

4.1.2 LEAD AUDITORS TRAINING PROGRAMME FOR THE OFFICIALS OF GSPCB

During the year under report, the Board organized a 'Lead Auditors Training Course for EMS (ISO 14001:2004), a NABET registered course for the officials of the Board at the office of the Goa State Pollution Control Board, Panaji in two batches during December 2009 and March, 2010. The training was organized through M/s TUV SUD South Asia Pvt. Ltd., an authorized Institute. Mr. Milind Shinde, Lead Auditor for ISO 14001 registered with M/s TUV SUD South Asia Pvt. Ltd. was the faculty for the training programme.

During December 2009, training was imparted to the 1st batch of the following 10 employees of the Board:

Sr. No.	Name of the official	Designation
1.	Shri. R. J. Kamat	Env. Engineer
2.	Shri. Sanjeev Joglekar	Asst. Env. Engineer
3.	Shri. Sailesh Vaingankar	Jr. Env. Engr.
4.	Shri. Anand Mishra	Jr. Env. Engr.
5.	Shri. Keshav Fadke	Jr. Env. Engr.
6.	Smt. Nandan Prabhudessai	Jr. Env. Engr.
7.	Kum. Livia D'Silva	Scientific Asst.

8.	Kum. Anny Dias	Scientific Asst.
9.	Shri. Sanjay Kankonkar	Scientific Asst.
10.	Shri. Nilesh Parsekar	Scientific Asst.

During March 2010, training was imparted to the 2nd batch of the following 10 employees of the Board:

Sr. No.	Name of the official	Designation
1.	Smt. Jenica Sequeira	Scientist 'B'
2.	Smt. Francisca Pereira	Scientific Asst.
3.	Shri. Keshav Naik	Scientific Asst.
4.	Smt. Avina Pereira	Scientific Asst.
5.	Shri. Chaitanya Salgaonkar	Scientific Asst.
6.	Kum. Edma Fernandes	Scientific Asst.
7.	Smt. Joshna Parab	Scientific Asst.
8.	Shri. Ganpat Naik	Sr. Lab. Asst.
9.	Smt. Jocelyn Coelho	Jr. Lab. Asst.
10.	Shri. Sajid Inamdar	Jr. Lab. Asst.

4.1.3 TRAINING IMPARTED BY THE BOARD TO STUDENTS FROM SCHOOLS / COLLEGES / OTHER EDUCATIONAL INSTITUTIONS

The Board laboratory provides free training to students from Schools, Colleges and other Educational Institutions. Training with respect to air and water sampling and analysis of environmental parameters are conducted for officials from industries after charging a fee. The trainings provided during the year are given in the following Table.

Table giving the details about the Training Programmes held by the Board

Sr. No.	Name of the Institute / Company / College / Individual given training	Title of the Training	Duration
1.	Don Bosco School, Panaji	Monitoring and Analysis of Water and Air Samples	November 2009

4.2 APPOINTMENTS IN THE BOARD

Dr. Simon de Sousa, Ex-Dy Director & Scientist 'F', National Institute of Oceanography, Dona Paula was appointed as the Chairman and Shri Srinet Kothwale, Goa Civil Services was appointed as the Member Secretary of the re-constituted Board along with the other members of the Board, on 8th June 2009.

During the year under report, Kum. Edma Fernandes and Smt Joshna Mahale were appointed as Scientific Assistants in the Goa State Pollution Control Board on contract basis and Smt. Valencia Fernandes, Kum. Juliana Fernandes, Shri. Mathew Dias and Shri. Vishnu Dhulapkar were appointed as P. S., L.D.C., Driver and Peon, respectively, to the Chairman in the Goa State Pollution Control Board on contract basis.

4.2 REPATRIATION

During the year under report, the following Officials were repatriated back to their parent department.

Sr. No.	Name of the candidate	Designation
1.	Shri A. G. Daiwajna	Member Secretary
2.	Shri Dilip Morajkar	Asst. Accounts Officer
3.	Shri Anand Mishra	Jr. Env. Engg.

Also, during the year, Ms. Sonali Naik, Ms. Trelita D'Souza, Ms. Edma Fernandes and Ms. Joshna Parab who were appointed on contract as Junior Research Fellows under the CPCB sponsored programme SEPP, completed their project in April 2009 and quit from the services of the Board.

4.4 DEPUTATIONS IN THE BOARD

Shri. M. Y. Borkar was appointed as Assistant Accounts Officer in the Board on deputation from Directorate of Accounts with effect from 30/07/2009.

CHAPTER 5

ACHIEVEMENTS & OBJECTIVES

5.1 ACHIEVEMENTS MADE BY THE BOARD

In the recent years, the Goa State Pollution Control Board has made some achievements in the fields of human resource development and environmental pollution control. The achievements are listed below.

- **Recognition of the Board Laboratory by National Accreditation Board for Testing and Calibration Laboratories (NABL)**
The National Accreditation Board for Testing and Calibration Laboratories (NABL) has certified the GSPCB laboratory and granted it accreditation in the field of Chemical Testing in accordance with ISO/IEC 17025:2005 in September, 2009. NABL has also approved four Authorised Signatories for issuing Analysis Test Reports. The accreditation is valid for two years.
- **Launching of the Xtended Green Node (XGN) Software**
The Goa State Pollution Control Board has recently introduced e-governance by launching the Xtended Green Node (XGN) Software developed by the National Informatics Centre. The customization of the software is in progress. On completion of customization the applications for Consent/ Authorization, complaints etc will be processed on line. The e-governance was officially launched at the hands of Shri. Alexio Sequeira, Hon'ble Minister for Environment, Government of Goa on 30/11/2009. Plate 1 below depicts the launching of the XGN software at the hands of the Hon'ble Minister.



Plate 1: Launching of the Xtended Green Node (XGN) Software at the hands of Shri. Alexio Sequeira, Hon'ble Minister for Environment, Government of Goa. Also seen are Shri V. K. Jha, Secretary of Environment, Dr. Simon de Sousa, Chairman, GSPCB, Shri Anand, State Informatics Officer and Shri Michael D'Souza, Director, DSTE.

5.2 OBJECTIVES SET BY THE BOARD

The Board has planned to implement certain programmes for infrastructure development in specific areas. Following are some of the programmes wherein studies have been initiated and are at various stages of completion.

a. Inventorization of Hazardous Waste in the State of Goa

The work of inventorization of Hazardous Waste generated in the State of Goa was awarded to M/s Aditya Environmental Services, Mumbai. The consultants examined industrial processes of over 3000 units operating in Goa to get the facts and figures of the quantities of wastes generated under each category.

b. Environment Impact Assessment Study for Pilerne Industrial Estate

Following several complaints received from the Saipem Citizens' Action Committee and the public in general regarding the pollution caused by some industries operating in the Pilerne Industrial Estate, the Goa State Pollution Control Board has decided to conduct an Environmental Impact Assessment (EIA) study for Pilerne Industrial Estate and the areas surrounding the industrial estate within a distance of 1Km from the boundary of the industrial estate, through outsourcing. The work was awarded to M/s Sadekar Enviro Engineers Pvt. Ltd., Goa.

M/s Sadekar Enviro Engineers Pvt. Ltd. have so far submitted 'Work Report of EIA, Pilerne Industrial Area for Post Monsoon season'. The details regarding the list of industries operating within the Pilerne Industrial Estate and the study of Pilerne Plateau which includes activities within and outside the industrial estate area and the Work Report of EIA, Pilerne Industrial Area for Winter season are under progress.

c. Programs sponsored by CPCB

The CPCB has been supporting various programmes carried out by the Board. During the year under study, the Board received financial support to the tune of Rs. 2 Lakhs for each of the following studies carried out by the Board through outsourcing.

1. Preparation of report on 'Strengthening of Goa State Pollution Control Board'.
2. Preparation of report on 'Status of Sewage Management in Goa'.
3. Preparation of report on 'Status of Municipal Solid Waste Management in Goa'.
4. Preparation of report on 'Status of Bio Medical Waste Management in Goa'.
5. Preparation of report on 'Status of Plastic Waste Management and Inventorization of Recycling Units in Goa'.
6. Preparation of report on 'Status of E-waste generation/ Management in Goa'.
7. Preparation of report on 'Status of Batteries (Waste Handling) in Goa as per Batteries Waste Management Handling Rules'

The Board awarded these studies to MoEF approved Consultants by call of tenders, and appointed a Committee comprising of the following members for scrutinizing and recommending the Reports for acceptance.

1.	Director of Industries, trade & Commerce	Chairman of the Committee
2.	Director of Municipal Administration or his authorized representative	Member
3.	Director of Panchayats or his authorized	Member

	representative	
4.	Director of Health Services or her authorized representative	Member
5.	Dr. Ajit Mopkar, President, Association of Private Nursing Homes	Member
6.	Dr. O. Nazareth, President, Indian Medical Association	Member
7.	Director of Information Technology or his authorized representative	Member
8.	State Informatics Officer, National Informatics Centre or his authorized representative	Member
9.	Shri keshav Kamat, Representative of Goa State Industries Association	Member
10.	Smt. Patricia Pinto, Panaji	Member
11.	Shri. Sanjeev Joglekar, Asst. Env. Engineer, Goa State Pollution Control Board	Member Convenor

The Draft Final Reports were submitted by the Consultants. The status of the studies is as follows:

- 1. Preparation of report on ‘Documentation on Strengthening of Goa State Pollution Control Board’:** was awarded to M/s UPL who has submitted the same. The Report was scrutinized by the committee and approved for implementation.
- 2. Preparation of report on ‘Status of Sewage Management’; ‘Status of Municipal Solid Waste Management’ and ‘Status of Bio Medical Waste Management’:** These works were awarded to M/s Padmaja Aerobiologicals Pvt. Ltd., Mumbai. M/s Padmaja Aerobiologicals Pvt. Ltd. has submitted the Reports for all the three studies. The Reports are under the scrutiny of the committee.
- 3. Preparation of report on ‘Status of Plastic Waste Management and Inventorization of Recycling Units’ and ‘Status of E-waste generation/ Management’:** The work of preparation of these Reports was awarded to M/s Padmaja Aerobiologicals Pvt.Ltd. and m/s UPL respectively. The Reports are under the scrutiny of the committee.
- 4. Preparation of report on ‘Status of Batteries (Waste Handling) as per Batteries Waste Management Handling Rules’:** This work was awarded to M/s Aditya Environmental Services Pvt. Ltd. Report is submitted and is under the scrutiny of the Committee.

5.3 AWARENESS PROGRAMMES CONDUCTED BY THE BOARD

5.3.1 BIO-MEDICAL WASTE MANAGEMENT AWARENESS PROGRAMME

The GSPCB organized a training programme for the Doctors of Private and Government Health Care Facilities to make them aware of the “Regulatory and Technological Aspects of Bio-Medical Waste Management”. Plates 2, 3 and 4 show some photographs taken during the awareness programme.



Plate 2: Dr. Simon de Sousa, chairman, Goa State Pollution Control Board giving a technical talk regarding “Regulatory and Technological Aspects of Bio-Medical Waste Management” to the dignitaries, doctors and the public present for the programme



Plate 3: The dignitaries on the dais; Shri. N. K. Verma, Former Additional Director, Central Pollution Control Board, Dr. Simon de Sousa, Chairman, Goa State Pollution Control Board, Dr. Jindal, Dean, Goa Medical College, Dr. Rajan Kunkolienkar, Medical Superintendent, Goa Medical College.



Plate 4: Audience present for the “Regulatory and Technological Aspects of Bio-Medical Waste Management”

5.3.2 NOISE AWARENESS PROGRAMME

During the year under report, the Goa State Pollution Control Board conducted Noise Awareness Programme in the State of Goa. To make the public aware of the Noise Pollution (Regulation & Control) Rules, 2000, the Board in consultation with the office of the Collector, North Goa issued a two page leaflet bringing to the attention of Hotel Owners, Restaurant Owners, Shack Owners, Discotheques, Persons intended to hold Cultural / Public / Religious Programmes in the outdoor and to the users of Public Address System / Music System about the “DO’s” and “DONT’s” with respect to Noise Pollution (Regulation & Control) Rules, 2000. A copy of the leaflet is reproduced below. The Officials from the GSPCB along with the Officials of the Collectorate held noise awareness programmes by giving talks, holding discussions, distributing the above leaflets at Panchayat levels in the North Goa. The following are some of the Villages covered during the programme: Calangute, Candolim, Arpora, etc.

KIND ATTENTION:

HOTEL OWNERS, RESTAURANT OWNERS, SHACK OWNERS, DISCOTHEQUES, PERSONS INTENDING TO HOLD CULTURAL, PUBLIC / RELIGIOUS PROGRAMMES IN THE OUTDOOR AND USERS OF PUBLIC ADDRESS SYSTEM / MUSIC SYSTEM.

DO's		DON'T's
1.	Obtain prior permission from the Sub Divisional Magistrate / Deputy Collector of the concerned area to hold cultural, religious or other functions with Public Address systems / Amplified Systems in the outdoors from 6.00 am. to 10.00 pm.	Hold any outdoor function or play music system, amplified system, Public address system without prior permission of the Sub-Divisional magistrate / Deputy Collector of the concerned area.
2.	The Noise Level during outdoor programmes at the nearest residential house should meet the standards prescribed for residential area during day time.	Play music using amplified systems, public address systems etc. during the night time i.e. 10.00 pm to 6.00 am in the outdoors.
3.	The Noise Level at the nearest residential area of the music played during day time (6.00 am to 10.00 pm) in open air restaurants, shacks, hotels etc. should meet the standards prescribed for residential area during day time.	Install speakers funnel, speakers etc. outside the premises of hotels, restaurants, shacks.
4.	Call the nearest Police Station or on 100 – Police Control Room, Panaji to file a complaint in case you notice any violation of Rules.	Fire crackers during the right time i.e. 10.00 pm to 6.00 am.
5.	Install Diesel Generator set with acoustic enclosures and with approval certificate from the dealer so as to meet the standards prescribed in the Environment (Protection) Rules.	Install or operate D.G. set without prior approval of the Goa State Pollution Control Board.

In case of any complaints, please call:

a. Non-official members

Sr. No.	Name	Contact Number
1.	Shri. Antonio D'Souza, r/o Gauravaddo, Calangute	9822583182
2.	Ms. Francoise De Souza, r/o Vaddi, Candolim	9890546591
3.	Ms. Ranjana Saudagar, r/o Sauntawado, Baga	9822164362
4.	Shri. Desmond Alvares, r/o Assagao, Bardez, Goa	2268621
5.	Shri. Floriano Lobo, r/o Moira, Bardez, Goa	2478223 / 9890470896
6.	Shri. Nivarutti B. Shirodkar, r/o Morjim, Pernem	2244305 / 9850175509
7.	Shri. Prasad Shahapurkar, r/o Dandoswada, Mandrem, Goa.	2247296 / 9850949422

b. Official Members.

Sr. No.	Name	Contact Number
1.	Collector and District Magistrate (North), Panaji-Goa	2223612
2.	Deputy Collector & SDM, Mapusa	2250398
3.	Deputy Collector & SDM, Pernem	2201142
4.	SDPO, Mapusa – I	2262207
5.	SDPO, Mapusa – II	2412723
6.	Member Secretary, Goa State Pollution Control Board	2438528

Issued in Public Interest by:-

GOA STATE POLLUTION CONTROL BOARD

in consultation with the

Office of the Collector, North Goa District, Panaji, Goa.

Ambient Air Quality Standards in respect of Noise

Area Code	Category Area / Zone	Limits in dB (A) Leqday time	Limits in dB (A) Leq-Night time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence zone	50	40

Note :

1. Day time shall mean from 6.00 am to 10.00 pm.
2. Night time shall mean from 10.00 pm to 6.00 am.
3. Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the Competent Authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the Competent Authority.

The relevant provisions of the Noise Pollution (Regulation and Control) Rules, 2000 are re-produced below :

Rule 5

1. A loud speaker or a public address system shall not be used except after obtaining written permission from the Authority.
2. A loud speaker or a public address system shall not be used at night (between 10.00 pm to 6.00 am) except in closed premises for communication within e.g. auditoria, conference rooms, community halls and banquet halls.
3. Notwithstanding anything contained in sub rule (2), the State Government may, subject to such terms and conditions as are necessary to reduce the noise pollution, permit use of loud speakers or public address systems during night hours (between 10.00 pm to 12.00 midnight) on or during any cultural or religious festive occasion of a limited duration not exceeding fifteen days in all during a calendar year.

Rule 7 – Complaints to be made to the Authority.

1. A person may, if the noise level exceeds the ambient noise standards by 10 dB(A) or more given in the corresponding columns against any area or zone, make a complaint to the Authority.
2. The Authority shall act on the complaint and take action against the violator in accordance with the provisions of these rules and any other law in force.

Annexure I

LIST OF APPLICATIONS FOR CONSENTS TO ESTABLISH/OPERATE UNDER WATER (PREVENTION & CONTROL OF POLLUTION) ACT, 1974 AND AIR (PREVENTION & CONTROL OF POLLUTION) ACT, 1981 PROCESSED AND APPROVED BY THE BOARD DURING THE YEAR 2008-09.

Table 1-a

The following applications were approved in pursuance of the recommendations made at the 15th meeting of the Re-constituted Technical Committee held on 08/04/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Anup Holiday Homes – Calangute	Water Consent New
2	M/s. Riviera De Goa Hotels & Resorts Pvt Ltd – Arpora	Air Consent New
3	M/s. Pasta Makers – Saligao	Air Consent New
4	M/s. Mandrem Beach Resort – Mandrem	Water & Air Consent New
5	M/s Goa Scientific Glass Co. – Verna Indl Estate	Water & Air Consent New
6	M/s Desai Packaging Pvt Ltd – Cuncolim Indl Estate	Water & Air Consent Renewal
7	M/s Kilito Engineering Works – Loutolim	Water & Air Consent Renewal
8	M/s Cotyar Beverages – Cuncolim	Water & Air Consent Renewal
9	M/s Chowgule & Co Ltd, Costi BNF plant – Sanguem	Water & Air Consent Renewal
10	M/s Kundil Alloys Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
11	M/s Mandovi Metals Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
12	M/s Sesa Goa Ltd, Botvadeacho Dongor Mine – Pissurlem	Water & Air Consent Renewal
13	M/s Sesa Goa Ltd, Barge Loading Jetty – Sanvordem	Water & Air Consent Renewal
14	M/s V.G. Quenim, EOU plant – Sonus Vonvoliem	Water & Air Consent Renewal
15	M/s Emperor Fabricators – Verna Indl Estate	Air Consent Renewal
16	M/s Marmagoa Steel Ltd – Curtorim	Water & Air Consent Renewal
17	M/s Trinity Plastopacks – Moira	Water Consent Renewal
18	M/s Amar Marble Cement Products – St Jose de Areal	Water Consent Renewal
19	M/s Rishabh Industries – Mapusa Indl Estate	Water Consent Renewal
20	M/s South India Cashew Corpn – Kundaim Indl Estate	Air Consent Renewal
21	M/s Ajay Cashew Oil & Allied Products – Kundaim Indl Estate	Air Consent Renewal
22	M/s Unichem Laboratories – Pilerne Indl Estate	Air Consent Renewal
23	M/s Hindustan Petroleum Corpn Ltd – Kundaim Indl Estate	Air Consent Renewal
24	M/s Samraj Enterprises – Pilerne Indl Estate	Air Consent Renewal
25	M/s Shraddha Ispat Pvt Ltd (Melting Division) – Cuncolim Indl Estate	Air Consent Renewal
26	M/s Rukminirama Steel Rolling Pvt Ltd – Cuncolim Indl Estate	Air Consent Renewal
27	M/s Goa Carbon Ltd – St Jose de Areal	Air Consent Renewal
28	M/s National Coating Company, Betim	Hazardous Waste Authorisation
29	M/s Launderaids, Verna Indl Estate	Hazardous Waste Authorisation
30	M/s Silver Springs Pleasure Resort Pvt Ltd, Varca	Hazardous Waste Authorisation
31	M/s Jain Udyog, Sanguem	Hazardous Waste Authorisation
32	M/s Dr. Hemant Memorial Clinic, Mapusa	Bio-Medical Waste Authorisation
33	M/s Shushrushalaya Hospital, Curchorem	Bio-Medical Waste Authorisation

34	M/s Community Health Centre, Curchorem	Bio-Medical Waste Authorisation
35	M/s Shri Sanjivani Pathological Laboratory, Valpoi	Bio-Medical Waste Authorisation
36	M/s Amshekar Hospital, Valpoi	Bio-Medical Waste Authorisation
37	M/s Devaki Clinic, Valpoi	Bio-Medical Waste Authorisation
38	M/s Modern Clinical Lab, Valpoi	Bio-Medical Waste Authorisation
39	M/s Sonu Kamat Maternity & Surgical Hospital, Curchorem	Bio-Medical Waste Authorisation
40	M/s Urban Health Centre, Vasco	Bio-Medical Waste Authorisation
41	M/s Dr. N. Menezes Nursing Home, Margao	Bio-Medical Waste Authorisation
42	M/s Dr. A. Menezes Nursing Home, Margao	Bio-Medical Waste Authorisation
43	M/s Veterinary Dispensary, Valpoi	Reply to the Show Cause of BMW
44	M/s Dr. Fonseca's Pathology Laboratory, Panaji	Reply to the Show Cause of BMW
45	M/s V.M. Salgaocar Hospital, Chicalim	Reply to the Show Cause of BMW
46	M/s Dhavlikar Hospital, Canacona	Reply to the Show Cause of BMW
47	M/s Dr. Kamat Clinic, Mapusa	Reply to the Show Cause of BMW
48	M/s Primary Health Centre, Colvale	Reply to the Show Cause of BMW

Table 1-b

The following applications were approved in pursuance of the recommendations made at the 16th meeting of the Re-constituted Technical Committee held on 13/04/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Hindustan Coca-Cola Beverages Pvt Ltd – Verna Indl Estate	Water & Air Consent New
2	M/s Meta Copper & Alloys Ltd – Zuarinagar	Water & Air Consent New
3	M/s Putzmeister Concrete Machines Pvt. Ltd – Verna Indl Estate	Water & Air Consent New
4	M/s Crystal Industries – Bicholim Indl Estate	Air Consent New
5	M/s Sai Service Ltd – Verna	Air Consent Renewal
6	M/s Kodak India Ltd – Verna Indl Estate	Air Consent Renewal
7	M/s IFB Industries Ltd – Verna Indl Estate	Air Consent Renewal
8	M/s Colorcon Asia Pvt Ltd. – Verna Indl Estate	Air Consent Renewal
9	M/s Crystal Laboratories – Bicholim Indl Estate	Water Consent Renewal
10	M/s Unichem Laboratories – Pilerne Indl Estate	Water Consent Renewal
11	M/s Dempo Mining Corporation Pvt Ltd, Dhabdhaba BNF plant – Bicholim	Water & Air Consent Renewal
12	M/s Fomento Resorts & Hotels Ltd, Dona Paula	Hazardous Waste Authorisation
13	M/s Creative Gaming Solutions Pvt Ltd, MV San Domino, Panaji	Hazardous Waste Authorisation
14	M/s Devyani Food Industries Pvt Ltd, Usgao	Hazardous Waste Authorisation
15	M/s Encube Ethicals Pvt Ltd, Madkaim Indl Estate	Hazardous Waste Authorisation
16	M/s Primary Health Centre, Loutolim	Bio-Medical Waste Authorisation
17	M/s ESI Dispensary, Sancoale	Bio-Medical Waste Authorisation
18	M/s Dr. Ganesh Memorial Clinic, Mapusa	Bio-Medical Waste Authorisation

19	M/s Tosha's Lab & Medical Centre, Caranzalem	Bio-Medical Waste Authorisation
20	M/s Dr. Antonio Pinto do Rosario Maternity Hospital, Porvorim	Reply to the Show Cause of BMW
21	M/s Urban Health Centre, Panaji	Reply to the Show Cause of BMW
22	M/s T.B. Control Programme, Panaji	Reply to the Show Cause of BMW
23	M/s Bhagyoday Hospital, Mapusa	Reply to the Show Cause of BMW

Table 1-c

The following applications were approved in pursuance of the recommendations made at the 17th meeting of the Re-constituted Technical Committee held on 21/04/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Camp 69 – Morjim	Water & Air Consent New
2	M/s GKB Hi-Tech Lenses Pvt Ltd – 17-A Tivim Indl Estate	Water & Air Consent New
3	M/s Sociedade de Fomento Ind. Pvt Ltd – Sanguem	Air Consent New
4	M/s Shri Shantadurga Saw Mill – Ponda	Air Consent New
5	M/s Sudin Verenkar – Chandor	Air Consent New
6	M/s J.L. Baptista – Sanguem	Air Consent New
7	M/s Francisco Gomes – St. Jose e Areal	Air Consent Renewal
8	M/s Kamat Metal Industries – St. Jose e Areal	Air Consent Renewal
9	M/s Sonali Metals – St. Jose e Areal	Air Consent Renewal
10	M/s Ramacanta Velingkar, BNF Plant, Dharbandora	Hazardous Waste Authorisation
11	M/s Reis Magos Fort Resort Pvt Ltd, Verem	Hazardous Waste Authorisation
12	M/s John Distilleries Ltd, Cuncolim Indl Estate	Hazardous Waste Authorisation
13	M/s Cosmos Premises Pvt Ltd, Galaxy Beach Resort, Utorda	Hazardous Waste Authorisation
14	M/s Amiantit Fiberglass Industries India Pvt Ltd, Bicholim	Hazardous Waste Authorisation
15	M/s Urban Health Centre, Mapusa	Bio-Medical Waste Authorisation

Table 1-d

The following applications were approved in pursuance of the recommendations made at the 18th meeting of the Re-constituted Technical Committee held on 04/05/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. S.N. Motors – Raia	NOC
2	M/s. Mahalaxmi Fabrication – Ponda	NOC
3	M/s. Laundroids – Verna Indl Estate	NOC for boiler
4	M/s. FDC Ltd – Plot L-56/57, Verna Indl Estate	NOC for DG set
5	M/s. Overseas Beverages Pvt Ltd – Honda Indl Estate	NOC (expansion)
6	M/s. Acme Filters – Canacona	NOC
7	M/s. Lotus Packaging – Bethora Indl Estate	NOC
8	M/s. Navadurga Bottling Industries – Cuncolim Indl Estate	NOC
9	M/s. Graphic Print Art – Kundaim Indl Estate	NOC
10	M/s. Gomes Bakery – Margao	NOC

11	M/s. Asian Food Industries – Cuncolim Indl Estate	NOC
12	M/s. Mantravadi Engg. Co – Madkai Indl Estate	NOC
13	M/s. Chowgule Industries Pvt Ltd – Margao	NOC
14	M/s. Syngenta India Ltd – Corlim	NOC (addl product)
15	M/s. Syngenta India Ltd – Corlim	NOC (repacking of CULTAR)
16	M/s. District Hospital – Mapusa	NOC
17	M/s. Linc Pen & Plastic Ltd – Tuem Indl Estate	NOC
18	M/s. Que's – Madkai Indl Estate	NOC
19	M/s. Lokmat Newspaper Pvt Ltd – Verna Indl Estate	NOC
20	M/s. Joel Electricals – Cuncolim Indl Estate	NOC
21	M/s. John Adam Valves India Pvt Ltd – Kundaim Indl Estate	NOC
22	M/s. Precitek Engineers – Kakoda Indl Estate	NOC
23	M/s. Sharvani Plastiteck Industry – Verna Indl Estate	NOC
24	M/s. Acoustic Components – Tuem Indl Estate	NOC (addl plot)
25	M/s. Mikrocarb Tools – Kundaim Indl Estate	NOC (shifting of unit)
26	M/s. MRF Ltd – Ponda	NOC (expansion)
27	M/s. Glenmark Generics Ltd – Phase IV & V, Colvale Indl Estate	NOC (expansion)
28	M/s Best Location Properties Pvt Ltd – Betalbatim	NOC
29	M/s Syngenta India Ltd – Corlim	Air Consent New (for DG sets)
30	M/s Damodar Mangalji & Co. Ltd, BNF plant 2 – Bicholim	Air Consent New
31	M/s. Prestige Holiday Resorts Pvt Ltd, Royal Palms – Benaulim	Water & Air Consent New
32	M/s. Prestige Holiday Resorts Pvt Ltd, Haathi Mahal – Cavelossim	Water & Air Consent New
33	M/s KGN Roadways – Kundaim Indl Estate	Water & Air Consent New
34	M/s Blue Cross Laboratories Ltd – Verna Indl Estate	Water & Air Consent Renewal
35	M/s. Lafarge Aggregates & Concrete India Pvt Ltd – Pilerne Indl Estate	Water & Air Consent Renewal
36	M/s Kundil Rollings Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
37	M/s Hindustan Containers, Colvale Indl Estate	Hazardous Waste Authorisation

Table 1-e

The following applications were approved in pursuance of the recommendations made at the 19th meeting of the Re-constituted Technical Committee held on 11/05/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Maria Metals – Ponda	NOC
2	M/s. Goa Glass Fibre – Colvale Indl Estate	NOC (Rebuild of furnace)
3	M/s. Trimurty Granites– Pernem	NOC (expansion)
4	M/s. Dynamic Printers – Kakoda Indl Estate	NOC
5	M/s. MC Mohan Distilleries Pvt Ltd – Kundaim Indl Estate	NOC
6	M/s. Ganraj Agro Foods Pvt Ltd – Kundaim Indl Estate	NOC
7	M/s. Unity Ophthalmics – Pissurlem Indl Estate	NOC
8	M/s. Caculo Earthmovers Pvt Ltd – Verna Indl Estate	NOC
9	M/s. Suraksha Constructions – Kundaim Indl Estate	NOC
10	M/s Aditya Beverages – Madkaim Indl Estate	Water & Air Consent New

11	M/s Global Industries – Madkaim	Water & Air Consent New
12	M/s Aryalaxmi Earthmovers Pvt Ltd – Bicholim Indl Estate	Water & Air Consent New
13	M/s Gautam Engineering Works – Corlim	Water & Air Consent New
14	M/s Meta Copper and Alloys Ltd – Zuarinagar	Water & Air Consent New
15	M/s R.V. Chari – Sanguem	Water & Air Consent New
16	M/s Multicavity Mouldings Pvt Ltd – Verna Indl Estate	Air Consent New
17	M/s Apex Packaging Products Pvt Ltd – Kundaim Indl Estate	Air Consent Renewal
18	M/s Nimisha Crushing Industries – Cuncolim	Air Consent Renewal
19	M/s Aldeia Santa Rita Resort – Candolim	Air Consent Renewal
20	M/s Genosylvia Springs – Margao	Water Consent Renewal
21	M/s Shirdi Steel Re-Rollers Pvt Ltd – Cuncolim Indl Estate	Water Consent Renewal
22	M/s Zoom Enterprises Ltd – Nuvem	Water Consent Renewal
23	M/s Omni Impex Pvt Ltd, Plot 64 & 65 – Pissurlem Indl Estate	Water Consent Renewal
24	M/s Colorcon Asia Pvt Ltd – Verna Indl Estate	Water Consent Renewal
25	M/s Medispray Laboratories Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
26	M/s. Adcoat Polychem Pvt Ltd – Madkaim Indl Estate	Water & Air Consent Renewal
27	M/s. Sai Pack – Old Goa	Water & Air Consent Renewal
28	M/s. Cupro Tubes Enterprises – Cuncolim Indl Estate	Water & Air Consent Renewal
29	M/s. BT Composites Ltd – Madkaim Indl Estate	Water & Air Consent Renewal
30	M/s Colmar Hotels Pvt Ltd – Colva	Water & Air Consent Renewal
31	M/s Okasa Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
32	M/s Karthik Alloys Ltd – Cuncolim Indl Estate	Water & Air Consent Renewal
33	M/s CGPPI Adhesive Products Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
34	M/s Bell Tower Resorts Pvt Ltd, Varca	Hazardous Waste Authorisation
35	M/s Kundil Alloys Pvt Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
36	M/s Procter & Gamble Hygiene & Health Care Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
37	M/s CEE JEE Lubricants, Kerala, (Registered Recycler)	Hazardous Waste Authorisation
38	M/s ESI Dispensary, Ponda	Bio-Medical Waste Authorisation
39	M/s Primary Health Centre, Ponda	Bio-Medical Waste Authorisation
40	M/s Vivus SMRC Health Centre, Chicalim	Reply to Show Cause of BMW

Table 1-f

The following applications were approved in pursuance of the recommendations made at the 20th meeting of the Re-constituted Technical Committee held on 18/05/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Potrivit Distilleries Pvt Ltd – Corlim Indl Estate	NOC
2	M/s. Symbiotic Resins & Coating – Kundaim Indl Estate	NOC
3	M/s. Aditi Packaging Industry – Verna Indl Estate	NOC
4	M/s. Dhiraj Can Co Pvt Ltd – Kundaim Indl Estate	NOC
5	M/s. Om Sai – Sattari	NOC
6	M/s. Procter & Gamble Hygiene & Health Care Ltd –	NOC (STP)

	Kundaim Indl Estate	
7	M/s Keny Agro Industry – Margao Indl Estate	NOC (change in product)
8	M/s Ganesh Packaging – Margao Indl Estate	Water Consent New
9	M/s Durga Packers – Margao Indl Estate	Water Consent New
10	M/s Mandovi Hotels Pvt Ltd – Panaji	Water Consent New
11	M/s Hotel Ave Maria – Arambol	Water Consent New
12	M/s Villa Eva – Siolim	Water Consent New
13	M/s Kashinath Talaulikar, Carmolachem Moll Mine – Bicholim	Water & Air Consent New
14	M/s Ticlo Resorts – Calangute	Water & Air Consent New
15	M/s Hotel Green Park – Guirim	Water & Air Consent New
16	M/s Reis Magos Fort Resort Pvt Ltd – Verem	Water & Air Consent New
17	M/s. Veronik Micronutrients Pvt Ltd – Tuem Indl Estate	Water Consent Renewal
18	M/s. Panchshila Marbles – Assonora	Water Consent Renewal
19	M/s. OMP Components (India) Pvt Ltd – Pilerne Indl Estate	Water Consent Renewal
20	M/s. Devi Enterprises – Bicholim Indl Estate	Water Consent Renewal
21	M/s. DCI Pharmaceuticals Ltd – Margao	Water Consent Renewal
22	M/s Kamat Holiday Homes Pvt Ltd – Calangute	Water Consent Renewal
23	M/s New Millenium Bakers – Verna Indl Estate	Water & Air Consent Renewal
24	M/s Algoa Beach Resort Pvt Ltd, Coconut Groove – Betalbatim	Water & Air Consent Renewal
25	M/s Ronil Hotels & Resorts Pvt Ltd– Calangute	Water & Air Consent Renewal
26	M/s Dimac Organics Pvt Ltd – Cuncolim Indl Estate	Water & Air Consent Renewal
27	M/s GKB Vision Ltd – Pilerne Indl. Estate	Water Consent Renewal
28	M/s Nanu Resorts Pvt Ltd – Betalbatim	Water Consent Renewal
29	M/s Srithik Rolling Pvt Ltd – Bicholim Indl Estate	Air Consent Renewal
30	M/s Godrej IJM Palm Oil Ltd, Valpoi	Hazardous Waste Authorisation
31	M/s Teracom Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
32	M/s Nanu Resorts Pvt Ltd, Margao	Hazardous Waste Authorisation
33	M/s Lupin Ltd, Verna Indl Estate	Hazardous Waste Authorisation (Amendment)
34	M/s Sesa Goa Ltd, Sonshi Mine	Hazardous Waste Authorisation (Amendment)
35	M/s Sesa Goa Ltd, Codli Mine	Hazardous Waste Authorisation (Amendment)
36	M/s Sesa Goa Ltd, Benefiacion Plant, Amona	Hazardous Waste Authorisation (Amendment)
37	M/s Sesa Goa Ltd, Benefiacion Plant, Cudnem	Hazardous Waste Authorisation (Amendment)
38	M/s ESI Dispensary, Curchorem	Bio-Medical Waste Authorisation
39	M/s ESI Dispensary, Panaji	Bio-Medical Waste Authorisation
40	M/s Shri Sai Pathological Lab, Sakhali	Bio-Medical Waste Authorisation
41	M/s Manipal Hospital, Dona Paula	Bio-Medical Waste Authorisation
42	M/s Buvaji's Family Welfare Centre, Curchorem	Bio-Medical Waste Authorisation
43	Dr. Kedar's Maternity, Infertility & Surgical Hospital & IVF Centre, Panaji	Reply to Show Cause of BMW

Table 1-g

The following applications were approved in pursuance of the recommendations made at the 21st meeting of the Re-constituted Technical Committee held on 26/05/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Hotel Colva Kinara – Colva	NOC
2	M/s. Britto's Delicacies – Pilerne Indl Estate	NOC
3	M/s. Devki Beverages – Kundaim	NOC
4	M/s. Sai Cars Point Pvt Ltd – Camurlim	NOC
5	M/s. Dum Beverages – Corlim Indl Estate	NOC (for shifting)
6	M/s. Biomab Pharmaceuticals (India) Pvt Ltd – Verna Indl Estate	NOC
7	M/s. Rama Traders – Madkai Indl Estate	NOC
8	M/s Dempo Industries Pvt Ltd – Verna	Water & Air Consent New
9	M/s Alcina Packers Pvt Ltd – Verna Indl Estate	Water & Air Consent New
10	M/s. Mohit Ispat Ltd – Bicholim Indl Estate	Water & Air Consent New
11	M/s. Balaji Metals – Madkai Indl Estate	Water & Air Consent Renewal
12	M/s. Goa Ispat Ltd – Madkai Indl Estate	Water & Air Consent Renewal
13	M/s Cosme Pharma Ltd – Bicholim	Water & Air Consent Renewal
14	M/s. Deep Industries – Corlim Indl Estate	Water Consent Renewal
15	M/s. Raiyani Steel– Bethora Indl Estate	Water & Air Consent Renewal
16	M/s. Jutex – Sancoale Indl Estate	Water Consent Renewal
17	M/s. Jutex Packaging Pvt Ltd – Sancoale Indl Estate	Water Consent Renewal
18	M/s. Laminex – Sancoale Indl Estate	Water Consent Renewal
19	M/s Kodak India Ltd – Verna Indl Estate	Water Consent Renewal
20	M/s. Nicomet Industries Ltd– Cuncolim Indl Estate	Air Consent Renewal
21	M/s. Cipla Ltd – Plot no. N-5a, Verna Indl Estate	Water & Air Consent Renewal
22	M/s Finolex Cables, Verna Indl Estate	Hazardous Waste Authorisation
23	M/s Glenmark Generics, Colvale Indl Estate	Hazardous Waste Authorisation
24	M/s FDC Ltd, Verna Indl Estate	Hazardous Waste Authorisation
25	M/s Ronil Hotels & Resorts Pvt Ltd, Calangute	Hazardous Waste Authorisation
26	M/s Nicomet Industries Ltd, Cuncolim Indl Estate	Hazardous Waste Authorisation
27	M/s Cipla Ltd, Plot no. N-5a, Verna Indl Estate	Hazardous Waste Authorisation
28	M/s Merck Ltd, Usgao	Hazardous Waste Authorisation
29	M/s ESI Dispensary, Margao	Bio-Medical Waste Authorisation
30	M/s Primary Health Centre, Aldona	Bio-Medical Waste Authorisation
31	M/s Sardessai Nursing Home, Panaji	Bio-Medical Waste Authorisation
32	M/s Community Health Centre, Valpoi	Reply to Show Cause of BMW
33	M/s Primary Health Centre, Corlim	Reply to Show Cause of BMW

Table 1-h

The following applications were approved in pursuance of the recommendations made at the 22nd meeting of the Re-constituted Technical Committee held on 01/06/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Svenska Technologies Pvt Ltd – Kundaim Indl Estate	NOC
2	M/s. Metro Metal Finishers – Ponda	NOC
3	M/s. Xavier Bakery – Quepem	NOC
4	M/s. Baba Alchemy/ Babatile Corporation – Betim	NOC
5	M/s. Glenmark Generics Ltd, Plot S-9 – Colvale Indl Estate	NOC (for modification)

6	M/s. Mahalasa Pharma – Kundaim Indl Estate	NOC
7	M/s. Cosme Costa & Sons – Gaval Sonshi Mine, Bicholim	NOC (expansion)
8	M/s. Ashapura Fabrication – St Jose de Areal	NOC
9	M/s. Watson Pharma Pvt Ltd – Verna Indl Estate	NOC (expansion)
10	M/s. HSN Fabricators – Ponda	NOC
11	M/s. Gurukrupa Engineering Foundry – Bethora Indl Estate	NOC (shifting)
12	M/s. Damodar Mangalji & Co Ltd, Crushing & Sizing Plant no. 3 – Bicholim	NOC, Water & Air Consent New
13	M/s. Damodar Mangalji & Co Ltd, Crushing & Sizing Plant no. 4A – Bicholim	NOC, Water & Air Consent New
14	M/s. Damodar Mangalji & Co Ltd, Crushing & Sizing Plant no. 4B – Bicholim	NOC, Water & Air Consent New
15	M/s Elray Minerals, Ailii Vagurbem Mine – Sanguem	Water & Air Consent New
16	M/s. Fix Soda – Madel, Chorao	Water & Air Consent New
17	M/s. Glenmark Generics Ltd, Plot S-7– Colvale Indl Estate	Water & Air Consent New (expansion)
18	M/s. Elegant Offset Printers – Tivim Indl Estate	Water & Air Consent New
19	M/s. Syngenta India Ltd – Corlim	Air Consent New (for D.G. set)
20	M/s. Goa Sponge & Power Ltd – Santona	Water & Air Consent Renewal
21	M/s. Shraddha Ispat Pvt Ltd – Santona	Water & Air Consent Renewal
22	M/s. Srithik Ispat Pvt Ltd – Sanguem Indl Estate	Water & Air Consent Renewal
23	M/s. Procter & Gamble Hygiene & Health Care Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
24	M/s. Aakaash Mfg Co Pvt Ltd – Kundaim Indl Estate	Water & Air Consent Renewal
25	M/s. Liya Essential Oil – Cuncolim Indl Estate	Water & Air Consent Renewal
26	M/s. Nicomet Industries Ltd– Cuncolim Indl Estate	Water Consent Renewal
27	M/s. Chemtrols Industries Ltd– Kundaim Indl Estate	Water Consent Renewal
28	M/s. Crompton Greaves Ltd, Plot 214-A– Kundaim Indl Estate	Water Consent Renewal
29	M/s Hotel Sea Coin – Colva	Water Consent Renewal
30	M/s. Plastex Containers (Goa Pvt. Ltd. – Sancoale Indl Estate	Water Consent Renewal
31	M/s Sai Service Station Pvt. Ltd, Porvorim	Hazardous Waste Authorisation
32	M/s Primary Health Centre, Marcaim	Bio-Medical Waste Authorisation
33	M/s Primary Health Centre, Balli	Bio-Medical Waste Compliance
34	M/s Health Care Lab, Margao	Bio-Medical Waste Compliance

Table 1-i

The following applications were approved in pursuance of the recommendations made at the 23rd meeting of the Re-constituted Technical Committee held on 22/06/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Omkar Steel Fabrication – Korgao, Pedne	NOC
2	M/s. New Bharat Engineering – Usgao, Ponda	NOC
3	M/s. R. C. Fabricators and Galvanizers – Kundaim Indl Estate	NOC
4	M/s. Yash Industries – Kundaim Industrial Estate	NOC
5	M/s. Tik Industries – Cuncolim Industrial Estate	NOC

6	M/s. Jai Maa Metal Fabrication – Pilerne Industrial Estate	NOC
7	M/s. Hotel Windsor Bay – Calangute	NOC
8	M/s. Aluwindoor Engineering – Pissurlem Industrial Estate	NOC
9	M/s. T. J. Naik and Company – Verna Industrial Estate	NOC
10	M/s. Tereza Crushing Enterprises (formerly known as Furtados) – St. Jose de Areal	Air Consent Renewal
11	M/s. C. M. Abdulla and Sons – Sarzora	Air Consent Renewal
12	M/s. J. K. L. Stone Crushing Company – Sauricho dando, St. Jose de Areal	Air Consent Renewal
13	M/s Roz-Bal Industries – Bethora Indl Estate	Water & Air Consent Renewal
14	M/s Ashapura Manufacturing Company – Colvale Indl Estate	Water Consent Renewal
15	M/s Veronik Bionics Pvt Ltd – Tuem Indl Estate	Water Consent Renewal
16	M/s Computer Graphics Ltd – Sancoale Indl Estate	Water & Air Consent Renewal
17	M/s Alpana Enterprises – Colvale Indl Estate	Water Consent Renewal
18	M/s. Polyclass Industries – Verna Indl Estate	Water Consent Renewal
19	M/s. Mystical Polycontainers Pvt Ltd – Corlim	Water Consent Renewal
20	M/s. Noble Hygiene Pvt Ltd – Sancoale Indl Estate	Water Consent Renewal
21	M/s. N. K Enterprises – Kundaim Indl Estate	Water Consent Renewal
22	M/s. Konkan Polymers and Additives Pvt Ltd. – Verna Indl Estate	Water Consent Renewal
23	M/s Sesa Industries Ltd (Pig Iron Plant), Amona	Amendment in Hazardous Waste Authorisation
24	M/s V. S. Dempo and Co. Pvt Ltd (Surla Mine), Bicholim	Amendment in Hazardous Waste Authorisation
25	M/s FDC. Ltd, Verna indl estate	Hazardous Waste Authorisation
26	M/s Abbott India Ltd, Verna indl estate	Amendment in Hazardous Waste Authorisation
27	M/s T. B. Hospital, Margao	Bio-Medical Waste Authorisation
28	M/s Primary Health Centre, Betki, Marcela	Bio-Medical Waste Authorisation
29	M/s ESI Dispensary, Vasco –da-Gama	Bio-Medical Waste Authorisation
30	M/s Community Health Centre, Valpoi	Bio-Medical Waste Authorisation
31	M/s Sheldekar Nursing Home, Curchorem	Reply to Show Cause Notice
32	M/s Primary Health Centre, Casarvarnem	Bio-Medical Waste Compliance
33	M/s My Eye Clinic, Margao	Reply to Show Cause Notice
34	M/s Kamat's Nursing Home, Vasco –da - Gama	Reply to Show Cause Notice

Table 1-j

The following applications were approved in pursuance of the recommendations made at the 24th meeting of the Re-constituted Technical Committee held on 29/06/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	Smt. Jayanti Vivek Naik – Sanvordem	NOC
2	M/s Bandekar Brothers Pvt. Ltd – Barge Loading Facility at Kottombi	NOC
3	M/s. Rukma Pavers –Cuncolim	NOC

4	M/s. L.N. Techno – Bicholim Indl Estate	NOC
5	M/s. Ashwini Khadi & Village Industries – Canacona Indl Estate	NOC
6	M/s Shri Om Plastic – Madkai Indl Estate	Water & Air Consent new
7	M/s Oriental Containers – Kundaim Indl Estate	Water & Air Consent new (exp)
8	M/s Rasaka Engineering Company – Old Goa	Water & Air Consent new (exp)
9	M/s Rasaka Engineering Company – Corlim Indl Estate	Water & Air Consent new
10	M/s Prime Fabrications – Kundaim Indl Estate	Water & Air Consent new
11	M/s Siria Industrial & Laboratory Chemicals – Sancoale Indl Estate	Water & Air Consent new
12	M/s Metal Fabric India – Betim	Water & Air Consent new
13	M/s Goa Coconut Products – Kakoda Indl Estate	Water & Air Consent new
14	M/s N.C. Industry – Sancoale Indl Estate	Water & Air Consent new
15	M/s Spectra Pavers Pvt. Ltd. – Margao Indl Estate	Water & Air Consent new
16	M/s Goaware Filaments – Bethora Indl Estate	Water & Air Consent new
17	M/s Anthony Engineering Works – Cortalim	Air Consent new
18	M/s Sea Lord Workshop – Old Goa	Air Consent new
19	M/s Shaun Filaments – Verna Indl Estate	Air Consent new
20	M/s Babita Tyres – Kakoda Indl Estate	Air Consent new
21	M/s Amiantit Fiberglass Industries India Pvt Ltd – Bicholim	Air Consent new (exp)
22	M/s Pinto Construction – Nuvem	Air Consent new
23	M/s Suraksha Packers Pvt. Ltd – Verna Indl Estate	Water Consent new
24	M/s O Palmar – Benaullim	Water Consent new
25	M/s Shree Gananath Industries – Bethora Indl Estate	Water Consent new
26	M/s Godrej IJM Palm Oil Ltd – Sattari	Water & Air Consent Renewal
27	M/s. Shri Laxmi Steels – Cuncolim Indl Estate	Water & Air Consent Renewal
28	M/s Lithoferro, Barge Loading Jetty – Sirsaim	Water & Air Consent Renewal
29	M/s S.S. Electronics – Shiroda	Water Consent Renewal
30	M/s Astra Concrete Products – Madkai Indl Estate	Water Consent Renewal
31	M/s Shaun Filaments – Verna Indl Estate	Water Consent Renewal
32	M/s Esteem Industries Pvt. Ltd., Pissurlem Indl Est.	Water Consent Renewal
33	M/s VIC Industries – Pissurlem Indl Estate	Water Consent Renewal
34	M/s Crompton Greaves Ltd, Plot 1, Bethora Indl Est.	Water Consent Renewal
35	M/s West Coast Shipyard – Loutolim	Air Consent Renewal
36	M/s Hindustan Unilever Ltd. – Kundaim Indl. Estate	Air Consent Renewal
37	M/s Holy Cross General Hospital, Mapusa	Bio-Medical Waste Authorisation
38	Smt. Krishnabai Naik Memorial Hospital, Curchorem	Bio-Medical Waste Authorisation
39	M/s Jeev-O-Daya Nursing Home, Sanvordem	Bio-Medical Waste Authorisation
40	M/s Shree Clinic, Ponda	Bio-Medical Waste Authorisation
41	M/s Pereira Medicare, Mapusa	Reply to Show Cause Notice
42	M/s Vision Eye Clinic, Mapusa	Bio-Medical Waste Compliance

Table 1-k

The following applications were approved in pursuance of the recommendations made at the 25th meeting of the Re-constituted Technical Committee held on 06/07/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Saravati Builders & Construction Pvt Ltd Dabolim Apts & Club House – Dabolim	NOC
2	M/s. Aventis Pharma Ltd –Verna Indl Estate	NOC for DG set
3	M/s. Shree Mahalasa Plastics – Corlim Indl Estate	NOC
4	M/s. Sonu Industries – Bethora Indl Estate	NOC
5	M/s. Sabri Enterprises – Kundaim Indl Estate	NOC
6	M/s Nazri Resort – Calangute	Water & Air Consent new
7	M/s Cavala Hotels Pvt. Ltd. – Calangute	Water & Air Consent new
8	M/s Zig Zag Bar & Restaurant – Canacona	Water & Air Consent new
9	M/s S.N. Industries – Tivim Indl Estate	Water Consent new
10	M/s Babu S. Naik – Paroda	Air Consent new
11	M/s Gate Gourmet India (P) Ltd – Dabolim	Water & Air Consent renewal
12	M/s Lynn Washcare – Mercedes	Water & Air Consent renewal
13	M/s Sundaram Industries Ltd – Corlim Indl Estate	Water & Air Consent renewal
14	M/s Hotel Jyoti Plaza – Margao	Water & Air Consent renewal
15	M/s. Nestle India Ltd.- Bicholim	Water & Air Consent renewal
16	M/s Goa Bottling Company Ltd. – Raia	Water Consent renewal
17	M/s Shanti Agro Industries – Ponda	Water Consent renewal
18	M/s Hospitality Resorts Ltd, Kenilworth Beach Resort – Utorda	Air Consent renewal
19	M/s. Indian Oil Corporation Ltd (Aviation Fuel Station) – Dabolim	Air Consent renewal
20	M/s Sheileja V Tamba (4/basalt/MU) – St. Pedro, Old Goa	Air Consent renewal

Table 1-l

The following applications were approved in pursuance of the recommendations made at the 1st meeting of the Re-constituted Technical Committee held on 20/07/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Stanis Crushing Equipments – plot no. 285, Kundaim Indl Estate	NOC
2	M/s. D. K. Earthmovers and Stone Crushers – Alorna – Pernem	NOC
3	M/s. Joecons Beach Resort – Benaullim	NOC
4	M/s. Jay Kay Plastics – Colvale indl Estate	Water & Air Consent new
5	M/s. Guala Closures (India) Pvt Ltd - Bicholim	Water & Air Consent new (exp)
6	M/s. Mc Mohan Distilleries Pvt Ltd, Kundaim Indl Est	Water & Air Consent new
7	M/s. Devyani Food Industries Pvt Ltd - Ponda	Water & Air Consent new
8	M/s. Finolex Cables Ltd - Ponda	Water & Air Consent renewal
9	M/s. Professional Oral Care Products Pvt Ltd – Kundaim Indl Estate	Water & Air Consent renewal
10	M/s Reliance Energy Ltd. – Zuarinagar	Water & Air Consent renewal
11	M/s Panduronga Timblo Industries, Barge loading	Water & Air Consent renewal

	Jetty at Capxem	
12	M/s. Cosme Remedies – Alto Betim	Water Consent renewal
13	M/s. Hindustan Petroleum Co. Ltd, Vasco Terminal	Water Consent renewal
14	M/s. Churi Electromech – Madkaim Indl Estate	Water Consent renewal
15	M/s Hindustan Unilever Ltd. – Kundaim Indl. Estate	Water Consent renewal
16	M/s. Pravin Electricals Pvt Ltd - Verna Indl Estate	Water Consent renewal
17	M/s GKB Ophthalmics Ltd – Plot 16-A,C,D, Tivim Indl. Estate	Water Consent renewal
18	M/s Crescent Fragrances Pvt. Ltd, Cuncolim Indl Est	Water Consent renewal
19	M/s. Damodar Mangalji & Co Ltd – Beneficiation Plant No. 2 - Bicholim	Water Consent renewal
20	M/s. Damodar Mangalji & Co Ltd – Beneficiation Plant No. 1 - Bicholim	Air Consent renewal
21	M/s. Briatcel Silicones Ltd – Verna Indl Estate	Air Consent renewal
22	M/s. Buildmat - Pernem	Air Consent renewal
23	M/s Akbar Engineering Works – Ponda	Air Consent renewal
24	M/s Sayyed Ahmad & Sons, Margao	Hazardous Waste Authorisation
25	M/s Finolex Cables Ltd, Ponda	Hazardous Waste Authorisation
26	M/s Power Grid Co. of India, Colvale	Hazardous Waste Authorisation
27	M/s Medilab, Ponda	Bio-Medical Waste Authorisation

Table 1-m

The following applications were approved in pursuance of the recommendations made at the 2nd meeting of the Re-constituted Technical Committee held on 27/07/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s EMGEE Housing, Taleigao	NOC
2	M/s Punnet Bhatia - Nirankal, Ponda	NOC
3	M/s Tech Force Composites Pvt. Ltd. - Sao Jose De Areal, Salcette	Water & Air Consent new
4	M/s Sesa Goa Ltd, Codli Beneficiation plant no. 3B – Codli, Sanguem	Water & Air Consent new (exp)
5	M/s Glenmon Distillers and Vintners Pvt. Ltd., Margao Industrial Estate	Water & Air Consent new
6	M/s Damodar Tyres - Cuncolim Industrial Estate	Water Consent new
7	M/s Lift Controls Pvt. Ltd., Murdi-Khandepar, Ponda	Water Consent new
8	M/s Ahiliabai Sardesai (Crushing & Screening Plant), Kirlapale Iron Ore Mine - Sanguem	Air Consent new
9	M/s Janki Shankar Lodge - Mapusa	Water Consent new
10	M/s Fomento Resorts & Hotels Ltd, (Cidade de Goa) – Vainguinim Beach	Air Consent new
11	M/s V.M. Salgaocar & Bro Pvt Ltd., Mobile screening & crushing plant – Vagus, Bicholim	Air Consent new
12	M/s Jeevan Lakshmi Packaging Solutions Pvt. Ltd. - Sancoale Industrial Estate	Air Consent new
13	M/s Ramacanta V.S.Velingkar (Beneficiation and Magnetic Separator Plant), Sanguem	Water & Air Consent Renewal
14	M/s V.S Dempo & Co Pvt Ltd., Beneficiation Plant - Kirlapale Sanguem	Water & Air Consent Renewal
15	M/s Cajj Enterprises - St Jose de Areal	Air Consent Renewal

16	M/s V.S. Dempo & Co Pvt Ltd, Dry Sreening plant - Navelim	Air Consent Renewal
17	M/s S. Kumar Metals, Pernem	Air Consent Renewal
18	M/s Lift Controls Pvt. Ltd., Murdi-Khandepar, Ponda	Air Consent Renewal
19	M/s Sesa Goa Ltd., Ship Building Division - Sirsaim, Bardez	Water Consent Renewal
20	M/s Meditab Specialities Pvt. Ltd., Kundaim Industrial Estate	Water Consent Renewal
21	M/s Ramacanta V.S.Velingkar (Benificiation Plant) – Culna, Sanguem	Water Consent Renewal
22	M/s Mandovi Hotels Pvt. Ltd. – Panaji	Air Consent Renewal
23	M/s Mandovi Hotels Pvt Ltd, Panaji	Hazardous Waste Authorisation
24	M/s Cartini India Ltd -Tivim Industrial Estate	Hazardous Waste Authorisation
25	M/s Primary Health Centre - Chinchinim	Bio-Medical Waste Authorisation
26	M/s. Sidereal Agencies, Mormugao	Municipal Solid Waste Authorisation (for collection of garbage from ships)

Table 1-n

The following applications were approved in pursuance of the recommendations made at the 3rd meeting of the Re-constituted Technical Committee held on 03/08/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Syngenta India Ltd - Corlim	NOC
2	M/s Indian Desalination Engineering Pvt. Ltd. - Corlim Industrial Estate	Water & Air Consent new
3	M/s. Tajsats Air Catering Ltd. - Dabolim, Vasco	Water Consent new
4	M/s Fomento Resorts & Hotels Ltd. (Cidade de Goa) - Vainguinim beach, Taleigao	Water Consent renewal
5	M/s Shrusti Envirocare, Quepem	Hazardous Waste Authorisation
6	M/s Goa Sponge & Power Ltd., Sanguem	Hazardous Waste Authorisation
7	M/s Vila Goesa Beach Resort, Calangute	Hazardous Waste Authorisation
8	Dr. Bhale's Orthopaedic Hospital, Porvorim	Bio-Medical Waste Authorisation
9	Dr. Rohit Borkar, Porvorim	Bio-Medical Waste Compliance

Table 1-o

The following applications were approved in pursuance of the recommendations made at the 4th meeting of the Re-constituted Technical Committee held on 10/08/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s. Kundil Polymers Pvt. Ltd. – Kundaim Indl Est.	NOC
2	M/s. Shawa Conductors Cables & Wires – Tivim Industrial Estate	NOC
3	M/s Merck Limited, Marvasado -Usgaon	Water & Air Consent new
4	M/s. Maria Industries – Curchorem	Water & Air Consent new
5	M/s. Amona Shipyard Pvt Ltd, Ore Loading facility – Amona	Water Consent new
6	M/s. Chalston Hotel –Calangute	Water Consent new
7	M/s Magsons Network Pvt Ltd – Miramar	Air Consent new

8	M/s Hotel Red Roof – Margao	Water Consent new
9	M/s. Laxmi Polyprints – Kundaim Industrial Estate	Water & Air Consent new
10	M/s. Maisie Metal Industries - St. Jose de Areal	Air Consent renewal
11	M/s Cosmos Premises Pvt. Ltd. (Galaxy Beach Resort) – Utorda, Salcete	Water & Air Consent renewal
12	M/s. Aventis Pharma Ltd. - Verna Industrial Estate	Water & Air Consent renewal
13	M/s Cadila Health Care Ltd, Kundaim Indl Estate	Water Consent renewal
14	M/s Schiffer & Menezes India Pvt Ltd, Verna Indl Est	Water Consent renewal
15	M/s United Spirits Limited – Bethora	Air Consent renewal
16	M/s. Condor Polymeric Pvt. Ltd, Verna Indl Estate	Water & Air Consent renewal
17	M/s. Real Bottling Factory Pvt. Ltd. – Bainguinim	Water Consent renewal
18	M/s Hitek Brass Products Pvt Ltd, Kundaim Indl Est.	Hazardous Waste Authorisation
19	M/s Marico Ltd, Ponda	Hazardous Waste Authorisation

Table 1-p

The following applications were approved in pursuance of the recommendations made at the 5th meeting of the Re-constituted Technical Committee held on 31/08/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s M. John Varghese – Verna Indl Estate	NOC
2	M/s Riverside Resorts & Holiday Homes Pvt. Ltd. – Arpora	NOC
3	M/s Kurtarkar Real Estates Pvt Ltd. (Kurtarkar Jairam Complex) – Panaji	NOC
4	M/s. Shawa Conductors, Cables and Wires – Tivim Industrial Estate	Water & Air Consent new
5	M/s. Syngenta (I) Ltd – Corlim	Water & Air Consent new
6	M/s. Goodwill Enterprises - Priol	Water & Air Consent new
7	M/s. Biomab Pharmaceuticals (I) Pvt. Ltd. – Verna Industrial Estate	Water & Air Consent new
8	M/s Best Location Properties Pvt. Ltd. – Betalbatim	Water & Air Consent new
9	M/s. Rukma Pavers – Cuncolim Industrial Estate	Water & Air Consent new
10	M/s. Desa Engineering Works – Cortalim	Water & Air Consent new
11	M/s. Hitech Caps – Mapusa Indl Estate	Water & Air Consent new
12	M/s. Andrew Telecommunications India Pvt Ltd – Verna Industrial Estate	Water Consent new
13	M/s. Western India Shipyard Ltd. – Mormugao	Air Consent new
14	M/s. Okasa Pvt. Ltd. – Kundaim Industrial Estate	Water & Air Consent renewal
15	M/s Ranbaxy Laboratories Limited – Madkaim Industrial Estate	Air Consent renewal
16	M/s Curti Hot & Cold Treads – Ponda	Air Consent renewal
17	M/s Classic Citi Investment Pvt. Ltd. (Sun N Sand Resort) – Panaji	Water & Air Consent renewal
18	M/s. Ajit Kadnekar, Bateagal Iron Ore Mine - Maina/ Cavorem, Quepem	Water Consent renewal
19	M/s South West Port Ltd – Mormugao	Air Consent renewal
20	M/s Anil Metals – Cuncolim	Air Consent renewal
21	M/s. STP Ltd. – Cuncolim Indl Estate	Water Consent renewal
22	M/s Encube Ethicals Pvt. Ltd, Madkaim Indl	Water Consent renewal

	Estate	
23	M/s Hospitality Resorts Ltd, Kenilworth Beach Resort – Utorda	Water Consent renewal
24	M/s Rukminirama Steel Rollings Pvt. Ltd. (Melting Division) – Cuncolim Industrial Estate	Hazardous Waste Authorisation
25	M/s Primary Health Centre, Curtorim	Bio-Medical Waste Authorisation
26	M/s Loocs Cosmetic Clinic, Panaji	Bio-Medical Waste Authorisation
27	M/s Faith Works India, Dona-Paula	Bio-Medical Waste Authorisation
28	M/s Titos Health Care & Diagnostic Centre – Calangute	Bio-Medical Waste Compliance

Table 1-q

The following applications were approved in pursuance of the recommendations made at the 6th meeting of the Re-constituted Technical Committee held on 07/09/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Cream World – Marcel	NOC
2	M/s Maruti Industries – Pilerne Indl Estate	NOC
3	M/s. Panduranga Timblo Industries – Rumod Barge Loading Jetty	Water & Air Consent new
4	M/s Elegant Offset Printers – Tivim Industrial Estate	Water & Air Consent new (expansion)
5	M/s Jymí's Cottages – Colva	Water Consent new
6	M/s Dimac Industries – Cuncolim Indl Estate	Water & Air Consent renewal
7	M/s Karthik Alloys Ltd. – Cuncolim Indl Estate	Water & Air Consent renewal
8	M/s Goa Steel Limited – Radhakrishna Indl Estate, Bicholim	Water & Air Consent renewal
9	M/s Standard Transformers Pvt Ltd, Canacona Indl Estate	Air Consent renewal
10	M/s Balaji Rollings Pvt. Ltd – Cuncolim Indl Estate	Air Consent renewal
11	M/s Stonex – Usap, Latambarcem	Air Consent renewal
12	M/s. Impala Distillery & Brewery Pvt. Ltd. – Assolda	Air Consent renewal
13	M/s. Shaiv Distilleries Pvt. Ltd. – Bicholim Indl Est.	Water Consent renewal
14	M/s CG-PPI Adhesive Products Ltd. – Kundaim Indl Estate	Water Consent renewal
15	M/s. Ajit Kadnekar Bategal Iron Ore Mine, Quepem	Hazardous Waste Authorisation
16	M/s. Precitech Components, Honda Indl Estate	Hazardous Waste Authorisation
17	M/s. Gradient Chemicals Co. Pvt Ltd, Cuncolim Indl Estate	Hazardous Waste Authorisation

Table 1-r

The following applications were approved in pursuance of the recommendations made at the 7th meeting of the Re-constituted Technical Committee held on 14/09/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Consolidated Polymers – Canacona Indl Estate	NOC

2	M/s Prime Minerals Exports Pvt Ltd, Crushing & Screening plant – Pissurlem	NOC for mobile dry screening & crushing plant
3	M/s Trimurti Exports, Barge loading Jetty at Amona – Bicholim	NOC
4	M/s Sesa Industries Ltd, Pig Iron Plant – Amona	NOC for Bag House de-dusting system for blast furnace & slag drier plant
5	M/s Zuari Industries Ltd – Zuarinagar	NOC for R.O. unit for treatment of effluent for recycling
6	M/s. Satyam Chemicals– Margao Industrial Estate	NOC, Water & Air Consent new
7	M/s Mohidin Metal Industries – Loutolim	Air Consent renewal
8	M/s. Nitin Metal Works – Usgaon	Air Consent renewal
9	M/s Goa Sponge & Power Ltd – Sanguem	Water & Air Consent renewal
10	M/s. Cipla Ltd, M-61-63 – Verna Indl Estate	Water & Air Consent renewal
11	M/s ACGL, Bus body division – Bhiumpal, Sattari	Water Consent renewal
12	M/s. Guala Closures India Pvtv Ltd, Sanquelim	Amendment in Hazardous Waste Authorisation
13	M/s Elegant Offset Printers, Tivim Indl Estate	Hazardous Waste Authorisation

Table 1-s

The following applications were approved in pursuance of the recommendations made at the 8th meeting of the Re-constituted Technical Committee held on 22/09/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Shantadurga Foods – Margao Indl Estate	NOC (addl product)
2	M/s Caculo Earthmovers Pvt Ltd – Tivim Indl Estate	NOC
3	M/s Goa Glass Fibre Ltd – Colvale	Water & Air new (for rebuilding of existing furnace)
4	M/s Power Engineering (India) Pvt Ltd – Tuem Indl Estate	Water & Air new (expansion)
5	M/s E.O. Thomas & C.A. Ahmed Associates – Pernem	Air Consent renewal
6	M/s Durga Mahal Industry – Ponda	Water Consent renewal
7	M/s Dusk Aerated Waters – Cortalim	Water Consent renewal
8	M/s Syngenta India Ltd. – Corlim	Permission for Transportation & disposal of ETP sludge from Goa (M/s Syngenta) to ACC Wadi Cement Works, Karnataka
9	M/s. Smt. Sudha Goundalkar, Nirancal Mine, Ponda	Hazardous Waste Authorisation
10	M/s West Coast Shipyard, Rassaim, Loutolim	Hazardous Waste Authorisation
11	M/s Nigel Shipyard Pvt Ltd, Rassaim, Loutolim	Hazardous Waste Authorisation
12	M/s Prabhu Nursing Home, Porvorim	Bio-Medical Waste Authorisation

Table 1-t

The following applications were approved in pursuance of the recommendations made at the 9th meeting of the Re-constituted Technical Committee held on 05/10/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Galaxy Services – Verna Indl Estate	NOC
2	M/s Vishal Vision – Verna Indl Estate	NOC
3	M/s Cadila Healthcare Ltd – Kundaim Indl Estate	NOC (addl product)

4	M/s Global Tyres – Margao Indl Estate	NOC, Water & Air new (expansion)
5	M/s Raffles Square Development Pvt Ltd., Candolim	Water & Air new
6	M/s Mahalsa Acoustics Pvt Ltd – Tuem Indl Estate	Water & Air new (expansion)
7	M/s S.N. Industries – Tivim Indl Estate	Air Consent new
8	M/s Manomay Interiors Pvt Ltd – Corlim Indl Estate	Air Consent renewal
9	M/s Pralshar Bio Products Pvt Ltd – Kakoda Indl Estate	Water & Air Consent renewal
10	M/s Pralshar Bio Products Pvt Ltd, Kakoda Indl Estate	Hazardous Waste Authorisation
11	M/s Sociedade Sri Mahalaxmi Companhia Mineira Limitada, Macodiatolem Mine	Hazardous Waste Authorisation
12	Shri. Bhanudas Cossombo, Canvorzorembo Motatembo Mine	Hazardous Waste Authorisation
13	M/s Atchuta Velingkar, Vichundrem Mine	Hazardous Waste Authorisation
14	M/s Crishna Mucunda Camotin, Bencremdando & Gadiabandavoril Mine	Hazardous Waste Authorisation
15	M/s Atchuta Velingkar, Sancordem Mine	Hazardous Waste Authorisation
16	M/s Compania Mineira Progresso Ltda, Marga Fondcul Ou Chicolmolo Mine	Hazardous Waste Authorisation
17	M/s Merck Specialities Pvt Ltd, Ponda	Bio-Medical Waste Authorisation

Table 1-u

The following applications were approved in pursuance of the recommendations made at the 10th meeting of the Re-constituted Technical Committee held on 12/10/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Heramb Industries – Tuem Indl Estate	NOC
2	M/s Shantadurga Metals – Dharbandora, Sanguem	NOC
3	M/s Onkar Industries – Tuem Indl Estate	Air Consent new
4	M/s Merck Specialities Pvt Ltd – Usgao	Water & Air Consent new
5	M/s Golden Sands Beach Hotel & Spa Pvt Ltd – Betalbatim	Water Consent new
6	M/s Vergo Pharma Research – Verna Indl Est	Water & Air Consent new
7	M/s Joma Metal Industries, Unit II – Quepem	Air Consent new
8	M/s Overseas Beverages Pvt Ltd – Honda Indl Est	Water & Air Consent new (exp)
9	M/s G. N. Agrawal – Xirfod Barge Loading Jetty, Curchorem	Water & Air Consent new
10	M/s DPC Motors Pvt Ltd – Porvorim	Water Consent renewal
11	M/s Vilashini Cleaning Works – Cumbarjua	Water Consent renewal
12	M/s National Coating Co – Penha-da-Franca	Water Consent renewal
13	M/s Turbocam India Pvt Ltd – Margao Indl Estate	Water Consent renewal
14	M/s Netaji Stone Crushers – Valpoi	Air Consent renewal
15	M/s Pandurang Timblo Industries – Barge Loading Jetty at Capxem, Panchawadi	Water & Air Consent renewal
16	M/s West Coast Ingots Pvt Ltd – Kundaim Indl Est.	Water & Air Consent renewal
17	M/s Golden Sands Beach Hotel & Spa Pvt Ltd, Betalbatim	Hazardous Waste Authorisation
18	M/s Ion Exchange India Ltd, Verna Indl Estate	Hazardous Waste Authorisation
19	M/s Chowgule Industries Pvt Ltd, Navelim	Hazardous Waste Authorisation

20	M/s Alcon Resort Holdings Ltd, Dona Sylvia, Cavelossim	Hazardous Waste Authorisation
21	M/s Ramacanta Velingkar, Corpadega Mine	Hazardous Waste Authorisation
22	M/s Jaisinh Maganlal, Careamol Mine	Hazardous Waste Authorisation
23	M/s Caculo Earthmovers, Verna Indl Estate	Hazardous Waste Authorisation
24	M/s Watson Pharma Pvt Ltd, Verna Indl Estate	Hazardous Waste Authorisation
25	M/s Meditab Specialities Pvt Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
26	M/s Onkar Industries, Tuem Indl Estate	Hazardous Waste Authorisation
27	M/s Cocomar Beach Resort, Colva	Hazardous Waste Authorisation
28	M/s Oriental Containers, Kundaim Indl Estate	Hazardous Waste Authorisation

Table 1-v

The following applications were approved in pursuance of the recommendations made at the 11th meeting of the Re-constituted Technical Committee held on 19/10/09

Sr. No	Name of the unit & location	Application cleared for
1	M/s Prabhudessai Hotels & Resorts Pvt Ltd, Raibag Resorts – Canacona	NOC
2	M/s Graviss Hotels & Resorts Ltd – Calangute	NOC
3	M/s Seabird Resorts Pvt Ltd – Majorda	NOC
4	M/s Alcon Developers – Pissurlem Indl Estate	Water & Air Consent new
5	M/s Ave Miriam– Cortalim	Water & Air Consent new
6	M/s Syngenta India Ltd – Corlim	Water Consent new
7	M/s Morning Star Service Centre – Parra	Water Consent new
8	M/s ACGL, Bhiumpal Pressing Unit – Honda	Air Consent new
9	M/s Bhagawati Galvanising Industries – Kundaim Indl Estate	Air Consent new
10	M/s Bhagawati Galvanising Industries – Kundaim Indl Estate	Water Consent renewal
11	M/s GKB Hi-Tech Lenses Pvt Ltd – Tivim Indl Estate	Water Consent renewal
12	M/s Amar Metals – Pernem	Air Consent renewal
13	M/s N.S. Narvekar – Kalay Mine, Sanguem	Air Consent renewal
14	M/s La Calypso Hotels Pvt Ltd – Calangute	Water & Air Consent renewal
15	M/s Ion Exchange India Ltd – Verna Indl Estate	Water & Air Consent renewal
16	M/s Sonatapes Pvt Ltd, Corlim Indl Estate	Hazardous Waste Authorisation
17	M/s Hindustan Petroleum Corpn Ltd, Kundaim Indl Estate	Hazardous Waste Authorisation
18	M/s La Calypso Hotels, Calangute	Hazardous Waste Authorisation
19	M/s Karthik Alloys Ltd, Cuncolim Indl Estate	Hazardous Waste Authorisation
20	M/s Timblo Drydocks, Curchorem	Hazardous Waste Authorisation
21	M/s Mangal Iron Pvt. Ltd, Madkaim Indl Estate	Hazardous Waste Authorisation
22	M/s Goa Energy Pvt Ltd, Bicholim	Hazardous Waste Authorisation
23	M/s GKB Vision Ltd, Pilerne Indl Estate	Hazardous Waste Authorisation
24	M/s Moksha Hotels Pvt Ltd, Anjuna	Hazardous Waste Authorisation
25	M/s Sunrise ELelectromelt, Cuncolim Indl Estate	Hazardous Waste Authorisation
26	M/s Vergo Pharma Research, Verna Indl Estate	Hazardous Waste Authorisation
27	M/s Turbocam India Pvt Ltd, Margao Indl Estate	Hazardous Waste Authorisation
28	M/s Alcon Developers, Pissurlem Indl Estate	Hazardous Waste Authorisation
29	M/s Bandekar Brothers Pvt Ltd, Kottombi	Hazardous Waste Authorisation

30	M/s Sreeja Electricals, Verna Indl Estate	Hazardous Waste Authorisation
31	M/s IFB Industries Ltd, Corlim Indl Estate	Hazardous Waste Authorisation
32	M/s Asian Magnetic Devices Pvt Ltd, Verna Indl Est.	Hazardous Waste Authorisation

Table 1-w

The following applications were approved in pursuance of the recommendations made at the 12th meeting of the Re-constituted Technical Committee held on 09/11/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Timblo Minerals Pvt Ltd, Magnetic Separation Plant at Tollem mine – Sanguem	NOC (expansion)
2	M/s Timblo Minerals Pvt Ltd, Beneficiation Plant at Tollem mine – Sanguem	NOC (expansion)
3	M/s Cipla Ltd – Verna Indl Estate	NOC (warehouse facility)
4	M/s Tulip Diagnostics Pvt Ltd, Utility Plot no. VIII, Phase III-B – Verna Indl Estate	NOC (expansion)
5	M/s IFB Industries Ltd – Verna Indl Estate	NOC (expansion)
6	M/s Alcon Resort Holdings Ltd, Resort Dona Sylvia – Cavelossim	NOC (STP)
7	M/s Prasanna V. Ghotage, S. No. 47– Dharbandora	NOC
8	M/s Kudroli Constructions Co Pvt Ltd – Pernem	Air Consent new
9	M/s Canara Cold Storage – Sancoale Indl Estate	Air Consent new
10	M/s Phoenix Park Inn Resort – Candolim	Water & Air Consent renewal
11	M/s Alcon Resort Holdings Ltd, Resort Dona Sylvia – Cavelossim	Water & Air Consent renewal
12	M/s DeSouza Hotels Resort, Sun Village – Arpora	Water Consent renewal
13	M/s Timblo Drydocks Pvt Ltd – Quepem	Water Consent renewal
14	M/s Sreeja Electricals – Verna Indl Estate	Water Consent renewal
15	M/s Canara Cold Storage – Sancoale Indl Estate	Water Consent renewal
16	M/s Chowgule & Co Pvt Ltd, Shipbuilding division – Rassaim	Air Consent renewal
17	M/s Coral Clinical Systems – Verna Indl Estate	Amendment in Consent for addl products
18	M/s A.W. Faber Castell (India) Pvt Ltd, Corlim	Hazardous Waste Authorisation
19	M/s Automobile Corpn of Goa Ltd, Pressing Unit, Plant III, Bhiumpal	Hazardous Waste Authorisation

Table 1-x

The following applications were approved in pursuance of the recommendations made at the 13th meeting of the Re-constituted Technical Committee held on 16/11/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Shree Par Fragrance Pvt Ltd – Calangute	NOC
2	M/s Ave Miriam Resorts – Arpora	NOC
3	M/s Seawood Resort Pvt Ltd – Dona Paula	NOC
4	M/s Lupin Ltd – Verna Indl Estate	NOC (expansion)
5	M/s Abhishek Engineers – Dabolim, Mormugao	NOC
6	M/s Rututek Enterprises, Shed no. D3/3 – Bethora	NOC (expansion)

	Indl Estate	
7	M/s Rututek Enterprises, Plot no D-7 – Madkai Indl Estate	NOC (expansion)
8	M/s Power Engineering (India) Pvt Ltd – Dhargal, Pernem	NOC, Water and Air Consent new
9	M/s Micro Interconnection Pvt Ltd – Corlim Indl Estate	Water and Air Consent new
10	M/s Syngenta India Ltd – Corlim	Water Consent new (Relocation of T&P lab)
11	M/s Syngenta India Ltd – Corlim	Water Consent new (for product Virtako 40)
12	M/s Syngenta India Ltd – Corlim	Water Consent new (for increase in production of Thiamethoxam)
13	M/s District Hospital – Mapusa	Water and Air Consent new
14	M/s Turbocam India Pvt Ltd – Margao Indl Estate	Air Consent new
15	M/s Advanced Composites Pvt Ltd – Bicholim Indl Estate	Air Consent new
16	M/s Vintage Bottlers Pvt Ltd – Sancoale Indl Estate	Water and Air Consent renewal
17	M/s Ess Dee Aluminium Ltd – Kundaim Indl Estate	Water and Air Consent renewal
18	M/s Diamond Tool Industries – Kakoda Indl Estate	Water and Air Consent renewal
19	M/s Heritage Village Club – Arrossim	Water Consent renewal
20	M/s Automobile Corporation of Goa Ltd, Sheet Metal Division – Honda	Water Consent renewal
21	M/s Goa Art Printers – Verna Indl Estate	Water Consent renewal
22	M/s Seiko & Seiko – Margao	Water Consent renewal
23	M/s Advanced Composites Pvt Ltd – Bicholim Indl Estate	Water Consent renewal
24	M/s Rupesh Service & Repair Station – Parra	Water Consent renewal
25	M/s Nanu Resorts Pvt Ltd – Betalbatim	Air Consent renewal
26	M/s Prime Mineral Exports Pvt Ltd, Mobile crushing & screening plant – Bicholim	Air Consent renewal
27	M/s Bandekar Brothers Pvt Ltd, Mobile screening plant 1– Bicholim	Air Consent renewal
28	M/s Bandekar Brothers Pvt Ltd, Mobile screening plant 2– Bicholim	Air Consent renewal
29	M/s Omkar Gram Vikas Society – Pernem	Air Consent renewal
30	M/s DeSouza Hotels Resorts, Sun Village, Arpora	Hazardous Waste Authorisation
31	M/s Titan Timeproducts Ltd, Verna Indl Estate	Hazardous Waste Authorisation

Table 1-y

The following applications were approved in pursuance of the recommendations made at the 14th meeting of the Re-constituted Technical Committee held on 23/11/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s DRS Industries – Pissurlem Indl Estate	NOC
2	M/s Duco Industries – Madkaim Indl Estate	NOC
3	M/s Chowgule Real Estate & Construction Co. Pvt Ltd. – Salvador-Do-Mundo	NOC (for STP)
4	M/s Terra Nova Real Estate Goa Pvt. Ltd. – Chimbél	NOC (for STP)
5	M/s Watson Pharma Pvt. Ltd – Verna Indl Estate	Water & Air Consent new

		(expansion)
6	M/s Wyeth Ltd – Verna Indl Estate	Water & Air Consent new (for Dust collection system, DG set & Upgradation of existing ETP)
7	M/s Coastal Sports Ventures Pvt Ltd – M.B. Barcolento, Panaji	Water & Air Consent new
8	M/s V.M. Salgaocar & Bros. Pvt Ltd. – Ore loading facility at Vagus	Water Consent new
9	M/s Vinka Industries – Verna Indl Estate	Air Consent new
10	M/s Sharayu Automobiles – Cortalim	Air Consent new
11	M/s Titan Timeproducts Ltd – Verna Indl Estate	Water Consent renewal
12	M/s Coastal Sports Ventures Pvt Ltd, M.B. Barcolento, Panaji	Hazardous Waste Authorisation
13	M/s Access Hospitality Management Pvt Ltd, Presa de Goa, Nagoa	Hazardous Waste Authorisation

Table 1-z

The following applications were approved in pursuance of the recommendations made at the 15th meeting of the Re-constituted Technical Committee held on 30/11/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Shri Mallikarjun Body Builder – Kakoda Indl Estate	NOC
2	M/s Churi Industries – Kundaim Indl Estate	NOC for addl product
3	M/s Mauli Fabricators – Bicholim	NOC & Air Consent new
4	M/s Vivajay Brushes – Pilerne Indl Estate	Water & Air Consent new (exp)
5	M/s Global Chemicals – Bethora Indl Estate	Water & Air Consent new (shifting)
6	M/s Apollo Victor Hospital – Margao	Water & Air Consent new
7	M/s Auto Care Centre – Sanguem	Water & Air Consent new
8	M/s V.M. Salgaocar & Bros. Pvt. Ltd, Mobile Screening & Crushing Plants – Vagus	Water Consent new
9	M/s Proctor & Gamble Hygiene & Healthcare Ltd – Kundaim Industrial Estate	Water Consent new (for STP)
10	M/s Walke Diary – Mapusa	Water Consent renewal
11	M/s Crompton Greaves Ltd – Kundaim Indl Estate	Air Consent renewal
12	M/s Crompton Greaves Ltd – Bethora Indl Estate	Air Consent renewal
13	M/s Hindustan Coca Cola Beverages Pvt. Ltd – Verna Indl Estate	Air Consent renewal
14	M/s Mandovi Distilleries & Breweries Pvt Ltd – Madkaim Indl Estate	Air Consent renewal

Table 1-aa

The following applications were approved in pursuance of the recommendations made at the 16th meeting of the Re-constituted Technical Committee held on 14/12/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Ranjana Overseas Pvt. Ltd. Varca	NOC
2	M/s United Spirits, Bethora	NOC for modification
3	M/s Sun Leisure India Pvt. Ltd., Bardez	NOC

4	M/s Acron Hospitality Pvt. Ltd.	Water & Air Consent new & Hazardous Waste Authorization
5	M/s Caculo Earthmovers Pvt. Ltd., Verna Indl Estate	Water & Air Consent new
6	M/s Ganindu Milk & Milk products Pvt. Ltd., Kundaim Industrial Estate	Water Consent new
7	M/s Devashri Real estate developers, Sucor, Bardez	Water Consent new
8	M/s Shantadurga Bottling company, Assagao, Bardez	Water Consent new
9	M/s Procter & Gamble Hygiene and Health Care Ltd., Kundaim Industrial Estate	Water & Air Consent new (Expansion)
10	M/s Timblo Minerals Pvt. Ltd. (BNF plant), Sanguem	Water Consent renewal
11	M/s Macbrou Engg. Pvt. Ltd., Margao Industrial Estate, Salcete	Water Consent renewal, Air Consent New and Hazardous Waste Authorization New
12	M/s Nestle India Ltd., Usgao	Water & Air Consent Renewal
13	M/s V. G. Quenim, Sem Demaminacao Especial Sonshi Iron Ore Mine	Air consent renewal
14	M/s Chowgule & Company Pvt. Ltd., Onda Iron Ore Mine, Sattari	Air consent renewal
15	M/s Diamond Tool Industries, Kakoda Indl. Estate.	Hazardous waste authorization renewal
16	M/s Mandovi Distilleries & Breweries Pvt. Ltd., Madkaim Industrial Estate.	Hazardous waste authorization New
17	M/s Betts India Pvt. Ltd., Verna Indl. Est.	Hazardous waste authorization New
18	M/s Shatul Engineering Industries, Kakoda Industrial Estate	Hazardous waste authorization renewal
19	M/s Wallace Pharmaceuticals Pvt. Ltd., Curti, Ponda	Hazardous waste authorization renewal
20	M/s Vivajay Brushes, Pilerne Industrial Estate	Hazardous waste authorization New
21	M/s Cartini India Ltd, Madkaim Indl Estate	Hazardous waste authorization renewal
22	M/s Polynova Industries Ltd., Kundaim Industrial Estate	Hazardous waste authorization renewal
23	M/s Shirodkar Shipyard, Rassaim	Hazardous waste authorization New

Table 1-ab

The following applications were approved in pursuance of the recommendations made at the 17th meeting of the Re-constituted Technical Committee held on 28/12/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Jay Dutta Pharmaceuticals, Kundaim Industrial Estate	NOC
2	M/s Kannak Industries, Pilerne Industrial Estate	NOC
3	M/s Vidya Industries, Margao Industrial Estate	NOC for additional plant and machinery
4	M/s Sesa Industries Ltd., Navelim	NOC
5	M/s. Moreshwar Trading Co. Pvt. Ltd., Colvale Industrial Estate	NOC

6	M/s Lina Bhandare (Back to Nature), Porvorim	NOC
7	M/s Tina Fabrication, Betki, Khandola, Ponda	NOC
8	M/s Pawan Infrastructure, Pernem	NOC
9	M/s Noorudheen Construction Pvt. Ltd.,	NOC
10	M/s Asra, Colvale Industrial Estate	NOC
11	M/s Puma Stationary Pvt. Ltd., Corlim	Air Consent new
12	M/s Damodar Ice Cream and Ice Candy Factory, Deulamol, Quepem	Water Consent new
13	M/s Prathamesh Engineering, Bethora Indl Estate	Air and Water consent new
14	M/s Devki Beverages, Kundaim	Air and Water consent new
15	M/s Krupa Polymers, Kundaim Industrial Estate	Air and Water consent new
16	M/s GBC Packaging, Kundaim Industrial Estate	Air and Water consent new
17	M/s Glenmark Generics Ltd., Colvale Indl Estate	Air and Water consent new
18	M/s Hotel Urvashi, Vasco-da Gama	Air and Water consent new
19	M/s Nilesh Engineering Works, Corlim	Air and Water consent new
20	M/s Shree Ram Workshop, Colvale	Air and Water consent new
21	M/s Shree Polymer Products, Bethora Industrial Estate	Air and Water consent new and Hazardous Waste Authorisation new
22	M/s Spirit De Goa, Raia, Salcete	Air Consent new & Water consent renewal
23	M/s De'Souza Hotels Resorts (Sun Village), Arpora	Air consent renewal
24	M/s Funskool (India) Pvt. Ltd., Corlim	Air consent renewal
25	M/s Dempo Mining Corporation Pvt. Ltd. (Pilgao Beneficiation Plant), Pilgao, Bicholim	Air consent renewal
26	M/s Amiantit Fibreglass Industries India Pvt. Ltd., Navelim, Bicholim	Water Consent renewal
27	M/s Sunrise Electromelt Ltd., Cuncolim Indl Estate	Water Consent renewal
28	M/s Rukminirama Steel Rollings Pvt. Ltd., Cuncolim Industrial Estate	Water consent renewal
29	M/s Ganesh Benzoplast Ltd., Mormugaon	Air and Water consent renewal
30	M/s Sesa Goa Ltd. (BNF at Cudnem), Cudnem, Bicholim	Air and Water consent renewal
31	M/s Shri Ajit V.M. Kadnekar (Chunimola or Gutifonda Tembo Colomba Mine), Rivona, Sanguem	Air and Water consent renewal
32	M/s Auto Care Centre, Sanguem	Hazardous Waste Authorisation new
33	M/s Access Hospitality Management Pvt. Ltd., Nagoa, Bardez	Hazardous Waste Authorisation new
34	M/s Salgaocar Mining Industries Pvt. Ltd. (Riverside loading and screening plant at vagus), Vagus	Hazardous Waste Authorisation new
35	M/s Caculo Earthmover Pvt. Ltd., Tivim Industrial Estate	Hazardous Waste Authorisation new
36	M/s Britacel Silicones, Kundiam Industrial Estate	Hazardous Waste Authorisation renewal
37	M/s Schiffer & Menezes India Pvt. Ltd., Verna Industrial Estate	Hazardous Waste Authorisation renewal
38	M/s Cosme Remedies Ltd., Alto-Betim	Hazardous Waste Authorisation amendment
39	M/s Vision Care Super Speciality Eye Hospital, Mapusa	Biomedical Waste Authorisation renewal

40	M/s Dr. Bhandare Hospital, Panaji	Biomedical Waste Authorisation renewal
41	M/s Mardolkar Hospital, Bicholim	Biomedical Waste Authorisation renewal
42	M/s Dr. Rohit Borkar, Porvorim	Biomedical Waste Authorisation amendment

Table 1-ac

The following applications were approved in pursuance of the recommendations made at the 18th meeting of the Re-constituted Technical Committee held on 18/01/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1.	M/s. Ana Clara Ice Plant, Sancoale Industrial Estate	NOC
2.	M/s Narrele Engineering, Kundaim Industrial Estate	NOC
3.	M/s Riya Packaging, Sancoale	NOC
4.	M/s Seaward Packaging Pvt. Ltd., Kundaim Industrial Estate	NOC
5.	M/s Amina Bakery, Ponda	NOC
6.	M/s. Delta Engineers, Cortalim	NOC
7.	M/s. Abott India Ltd, Verna Industrial Estate	NOC for boiler
8.	M/s. MRF Limited, Ponda	NOC (Expansion of tyre plant & replacement of boiler chimney)
1.	M/s. Rukminirama Steel Rolling Pvt. Ltd., Cuncolim Industrial Estate	NOC
9.	M/s. Shree Samarth Enterprises, Ponda	NOC
10	M/s Target Innovations, Sancoale Industrial Estate	NOC
11	M/s Ameya Cashew Industries, Keri Sattari	Water & Air Consent New
12	M/s. Salgaocar Mining Industries (Loading & Screening point), Vagus, Bicholim	Water & Air Consent New
13	M/s Alcon Real Estates Pvt Ltd, Hotel Victor Exotica, Candolim	Water & Air Consent New
14	M/s Sushant Bakery, Ponda	Air Consent New
15	M/s Cosme Farma Laboratories Ltd, (Research & Development unit), Ponda	Air Consent New
16	M/s Blue Ocean Beverages Pvt. Ltd., Margao Ind. Estate	Air Consent New
17	M/s Guru Engineering Works, Kakoda, Curchorem	Water & Air Consent New
18	M/s Sunrise Cashew Industries, Valpoi	Water Consent New
19	M/s Bell Tower Resorts Pvt. Ltd., Varca	Water & Air Consent Renewal
20	M/s Britto Amusement Pvt. Ltd., (Vainquinim Valley Resort), Dona-Paula	Water Consent Renewal
21	M/s Betts India Pvt. Ltd., Verna Industrial Estate	Water & Air Consent Renewal
22	M/s. Shri. A.X.Palondicar (Hunatlo Dongar Manganese Mine), Colomba, Sanguem	Water & Air Consent Renewal
23	M/s Sai Service Station Ltd., Alto-Porvorim	Water & Air Consent Renewal
24	M/s Global Ispat Ltd, Cuncolim Indl Estate	Water & Air Consent Renewal
25	M/s Bharat Conductors Pvt. Ltd, Sancoale Indl Est.	Water Consent Renewal
26	M/s Timblo Pvt. Ltd. (Magnetic Separation Plant) Sanguem	Water Consent Renewal
27	M/s Tata Consultancy Services Ltd, Tivim Indl Est.	Water Consent Renewal

28	M/s Sunrise Cashew Industries, Valpoi	Air Consent Renewal
29	M/s Blue Ocean Beverages Pvt. Ltd., Margao Ind. Estate	Hazardous Waste Authorization
30	M/s Raffles Square Development Pvt. Ltd., Candolim	Hazardous Waste Authorization
31	M/s Apollo Victor Hospitals & Medical Services Ltd., Margao	Bio-Medical Waste Compliance
32	M/s Nusi Hospital & Research Centre, Panzorconi	Bio-Medical Waste Authorization
33	M/s Mathew Braganza Hospital & Medical Research Centre Pvt. Ltd, Candolim	Bio-Medical Waste Authorization
34	M/s Om Urology Hospital, Campal, Panaji	Bio-Medical Waste Authorization
35	M/s Primary Health Centre, Cansaulim	Bio-Medical Waste Authorization

Table 1-ad

The following applications were approved in pursuance of the recommendations made at the 19th meeting of the Re-constituted Technical Committee held on 25/01/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1.	M/s. Mundus Real Estates Pvt. Ltd., Calapur Village, Tiswadi	NOC
2.	M/s Asmi Enterprises, Kundaim Industrial Estate	NOC
3.	M/s. Nicomet Industries Ltd., Cuncolim Indl Estate	NOC for installation of power generator set
4.	M/s. Nicomet Industries Ltd., Cuncolim Indl Estate	NOC for installation of Gypsum spin flash dryer in Nickel Plant
5.	M/s. Trinity Mahalasa Durga Sales & Services, Baina, Vasco	NOC
6.	M/s. Fresh N Nice Foods, Verna Industrial Estate	NOC
7.	M/s. Sachidanand Constructions, Kundaim Indl Est	NOC
8.	M/s. Power Controls, Tivim Industrial Estate	NOC
9.	M/s. Mikes Palace, Cavelossim, Salcete	Water and Air Consent New
10	M/s. Earth Designs, Pilerne Industrial Estate	Water and Air Consent New
11	M/s. Annapurna Flour Mill, Headland Sada, Mormugao	Water and Air Consent New
12	M/s. CGPPI Adhesive Products Ltd., Kundaim Indl Estate	Air Consent New
13	M/s. Bharat Conductors Pvt. Ltd., Sancoale Indl Est	Air Consent New
14	M/s. Rosario M. Noronha, Barcem, Quepem	Air Consent New
15	M/s V.M.Salgoacar & Bros. Pvt. Ltd. (Goa Marriot Resort), Miramar	Water Consent Renewal
16	M/s. Timblo Pvt. Ltd. (Gautona Dusrifall Iron Ore Mine), Codli, Sanguem	Air Consent Renewal
17	M/s. Chowgule & Company Pvt. Ltd, (Costi Iron Ore Mine), Costi, Sanguem	Air Consent Renewal
18	M/s. Tumkur Conductors, Sancoale Indl Estate	Water Consent Renewal
19	M/s V.M.Salgoacar & Bros. Pvt. Ltd. (Goa Marriot Resort), Miramar	Hazardous Waste Authorization
20	M/s Bharat Conductors Pvt. Ltd., Sancoale Indl Est	Hazardous Waste Authorization
21	M/s Duraline India Pvt. Ltd, Verna Indl Estate	Hazardous Waste Authorization
22	M/s Excel Enterprises, Verna Indl Estate	Hazardous Waste Authorization

23	M/s. Ghodeker's Clinical Lab, Cuncolim, Salcete	Bio-Medical Waste Compliance
24	M/s. Vrundavan Hospital and Research Centre Pvt. Ltd., Mapusa	Bio-Medical Waste Authorization

Table 1-ae

The following applications were approved in pursuance of the recommendations made at the 20th meeting of the Re-constituted Technical Committee held on 01/02/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Goa Pet Products, Verna Indl Estate	Air Consent New
2	M/s Geekay Hydrolinks, Kakoda Indl Estate	Water & Air Consent New
3	M/s Sai Service Station Ltd, Mapusa Indl Estate	Water & Air Consent New
4	M/s Elin Electronics Ltd, Verna Indl Estate	Water & Air Consent Renewal
5	M/s Duraline India Pvt. Ltd, Verna Indl Estate	Water & Air Consent Renewal
6	M/s. Glenmark Generics Ltd. (Hormone Plant), Colvale Indl Estate	Water & Air Consent Renewal
7	M/s Ratiopharm India Pvt Ltd, Verna Indl Estate	Water & Air Consent Renewal
8	M/s Madachem Bat Mines Pvt Ltd, Bicholim	Water Consent Renewal
9	M/s Goa Pet Products, Verna Indl Estate	Hazardous Waste Authorization
10	M/s Medispray Labs Pvt Ltd, Kundaim Indl Estate	Hazardous Waste Authorization
11	M/s Chowgule & Co Pvt Ltd, Shipbuilding Division, Rassaim	Hazardous Waste Authorization
12	M/s Elin Electronics Ltd, Verna Indl Estate	Hazardous Waste Authorization
13	M/s Sai Service Station Ltd, Mapusa Indl Estate	Hazardous Waste Authorization
14	M/s Ratiopharm India Pvt Ltd, Verna Indl Estate	Hazardous Waste Authorization
15	M/s Vasco Clinic, Vasco	Bio-Medical Waste Authorization
16	M/s Paarth Diagnostic Lab & Occupational Health Centre, Curchorem	Bio-Medical Waste Authorization
17	M/s Kamat Nursing Home, Vasco	Bio-Medical Waste Authorization
18	M/s J.M.J Hospital, Porvorim	Bio-Medical Waste Authorization
19	M/s Sanjeevani Hospital, Vasco	Bio-Medical Waste Authorization
20	M/s Primary Health Centre, Corlim	Bio-Medical Waste Authorization
21	M/s Merilyn Martin Rocha Pathological Lab, Neura	Bio-Medical Waste Authorization

Table 1-af

The following applications were approved in pursuance of the recommendations made at the 21st meeting of the Re-constituted Technical Committee held on 08/02/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Oriental Containers Ltd, Kundaim Indl Estate	NOC (expansion)
2	M/s Syngenta India Ltd, Corlim	NOC for DG set
3	M/s Francis Miguel Mascarenhas, TC No. 60/51, Caneli Dongor Mine, Vichundrem, Sanguem	NOC
4	M/s Mussa Xequê Usman, TC no. 27/ 1957, Dudagal Culna Mussa Mine, Sanguem	NOC
5	M/s Seabird Resorts Pvt Ltd, Majorda	Water & Air Consent New
6	M/s Cocomar Beach Resort, Lounginhos Beach	Water & Air Consent New

	Resort, Colva	
7	M/s Casa de Goa Boutique Resort, Calangute	Water & Air Consent New
8	M/s Automobile Corporation of Goa Ltd, Sheet Metal Division, S. No. 101/1,2,3 & 4, Honda	Air Consent New
9	M/s Zuari Indian Oil Tanking Ltd, Sancoale	Water & Air Consent Renewal
10	M/s Twenty First Century Wire Rods Ltd, Madkaim Indl Estate	Water & Air Consent Renewal
11	M/s V.M.Salgoacar & Bros. Pvt. Ltd. (Goa Marriot Resort), Miramar	Air Consent Renewal
12	M/s Sunrise Flour & Rice Mill, Chandor	Air Consent Renewal
13	M/s Nestle India Ltd, Bicholim	Hazardous Waste Authorization
14	M/s Nestle India Ltd, Usgao Indl Estate	Hazardous Waste Authorization
15	M/s Surekleen Services Pvt Ltd, Pilerne Indl Estate	Hazardous Waste Authorization
16	M/s Puma Stationery Pvt Ltd, Corlim	Hazardous Waste Authorization
17	M/s Duraline India Pvt. Ltd, Sancoale Industrial Est	Hazardous Waste Authorization
18	M/s Dempo Shipbuilding & Engineering Pvt Ltd, Bandora, Ponda	Hazardous Waste Authorization
19	Dr. Jeetendra Nagarsenkar, Margao	Bio-Medical Waste Authorization

Table 1-ag

The following applications were approved in pursuance of the recommendations made at the 22nd meeting of the Re-constituted Technical Committee held on 15/02/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Vijaya Fabricators, Mardol	NOC
2	M/s Ramdev Polypack, Unit II, Madkaim Indl Estate	NOC
3	M/s Patrick & Co. Modular Tec, Verna Indl Estate	NOC
4	M/s Dazzler Confectionery Company Pvt. Ltd, Verna Indl Estate	NOC
5	M/s Puja Ferro Alloys Ltd, Cuncolim Indl Estate	NOC (for addl item)
6	M/s Vividh Plastic, Kundaim Indl Estate	Water & Air Consent New
7	M/s Caculo Earthmovers Pvt Ltd, Tivim Indl Estate	Water & Air Consent New
8	M/s Royal Enterprises, Margao Indl Estate	Water & Air Consent New
9	M/s Sapana habitat, Soccor	Water Consent New
10	M/s GKB Vision Ltd, Pilerne Indl Estate	Air Consent New
11	M/s Sai Plastics, Old Goa	Air Consent New & Water Consent Renewal
12	M/s Adelphi Pharmaceuticals, Tivim Indl Estate	Water & Air Consent Renewal
13	M/s Marico Ltd, Ponda	Water & Air Consent Renewal
14	M/s Centaur Pharmaceuticals Pvt Ltd, Tivim Indl Est	Water & Air Consent Renewal
15	M/s Nigel Shipyard Pvt Ltd, Cortalim	Water & Air Consent Renewal
16	M/s Britacel Silicones Ltd, Kundaim Indl Estate	Air Consent Renewal
17	M/s Britto Amusement Pvt Ltd, Vainguinim Valley Resort, Vainguinim	Air Consent Renewal

18	M/s. Roy Antao & Sane Antao (Monte Iranqui Iron Ore Mine), Sanguem	Air Consent Renewal
19	M/s G.N. Agrawal, Bimbol Mine, Collem	Air Consent Renewal
20	M/s. Chowgule & Company Pvt. Ltd, (Gavanem Iron Ore Mine), Sattari	Air Consent Renewal
21	M/s Opaque Industries, Tivim Indl Estate	Water Consent Renewal
22	M/s Super Services, Cortalim	Hazardous Waste Authorization
23	M/s Meta Copper & Alloys Ltd, Zuarinagar	Hazardous Waste Authorization
24	M/s A.V. Da Costa Memorial Clinic, Margao	Bio-Medical Waste Authorization
25	M/s Urban Health Centre, Panaji	Bio-Medical Waste Authorization
26	Dr. Sanjali Manerkar, Panaji	Bio-Medical Waste Authorization

Table 1-ah

The following applications were approved in pursuance of the recommendations made at the 23rd meeting of the Re-constituted Technical Committee held on 22/02/09

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Navrang Steel Furniture, Honda Indl Estate	NOC
2	M/s AR-Mines Industries, Kakoda Indl Estate	NOC
3	M/s Panduronga Timblo Industrias, TC No. 35/55, Mauco Catodichi Moli Mine, Bicholim	NOC
4	M/s Alcon Resort Holdings Ltd, Radisson Resort Goa, Cavelossim	NOC
5	M/s Macbrout Engineering Pvt Ltd, Margao Indl Estate	Air Consent New
6	M/s V.G. Properties, Villa de Penha, Britona	Water & Air Consent New
7	M/s Venture Resort Holding, Hotel Vivenda, Calangute	Water & Air Consent New
8	M/s IFB Industries, Corlim Indl Estate	Water Consent Renewal
9	M/s Lucky Trading Co, Raigad	Permission for Collection & transportation of waste film from Goa to Maharashtra
10	M/s Special Oils, Dharwad, Karnataka	Hazardous Waste Authorization
11	M/s Industrial Esters & Chemicals Pvt. Ltd, Thane	Hazardous Waste Authorization
12	M/s City Metal Works & Coats, Margao Indl Estate	Hazardous Waste Authorization
13	M/s Lafarge Aggregates & Concrete India Pvt Ltd, Sancoale, Zuarinagar	Hazardous Waste Authorization
14	M/s Lafarge Aggregates & Concrete India Pvt Ltd, Pilerne Indl Estate	Hazardous Waste Authorization
15	M/s Praka Engineering, Bicholim	Hazardous Waste Authorization
16	M/s Venture Resort Holding, Hotel Vivenda, Calangute	Hazardous Waste Authorization
17	M/s Case de Goa, Calangute	Hazardous Waste Authorization
18	M/s V.G. Quenim, Sonshi Mine	Hazardous Waste Authorization

Table 1-ai

The following applications were approved in pursuance of the recommendations made at the 24th meeting of the Re-constituted Technical Committee held on 02/03/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s J.M. Windings, Bethora Indl Estate	NOC
2	M/s Mallikarjun Agro Foods, Canacona	NOC
3	M/s Pentair Water India Pvt Ltd, Verna Indl Estate	NOC (for increase in production & inclusion of new item)
4	M/s Sun Leisure India Pvt Ltd, Nerul	Water & Air Consent New
5	M/s Goa Thermostatic Instruments Pvt Ltd, Bicholim Indl Estate	Water & Air Consent New
6	M/s Netzsch Technologies India Pvt Ltd, Verna Indl Estate	Water & Air Consent New
7	M/s Excel Engineers, Mapusa	Water & Air Consent New
8	M/s Vasuprada Polyfilms Pvt Ltd, Tivim Indl Estate	Water & Air Consent New
9	M/s Vailankani Power Industry, Chinchinim	Water & Air Consent New
10	M/s Bakers's Basket, Fatorda	Air Consent New
11	M/s Timblo Pvt. Ltd. (Magnetic Separation Plant), Tudou, Sanguem	Air Consent New
12	M/s Timblo Pvt. Ltd. (Tollem Beneficiation Plant), Patiem, Sanguem	Air Consent New
13	M/s Ganindu Milk & Milk products Pvt. Ltd., Kundaim Industrial Estate	Air Consent New
14	M/s Priya Engineering Works, Rassaim	Air Consent New
15	M/s Walke Diary, Mapusa	Water Consent New
16	M/s Sai Service Station Ltd, Ponda	Water Consent New
17	M/s ACGL, Sheet Metal Division, 101/1,2,3 & 4, Honda	Water Consent New (expansion)
18	M/s Finolex Cables Ltd, Verna Indl Estate	Water & Air Consent Renewal
19	M/s Blue Ocean Beverages Pvt Ltd, Margao Indl Estate	Water Consent Renewal
20	M/s ACGL, Bhuimpal Pressing Unit, 39/3, Bhuimpal	Water Consent Renewal
21	M/s Cosme Remedies Ltd, Alto Betim	Air Consent Renewal
22	M/s Desai Metal Works, Pilliem	Air Consent Renewal
23	M/s Tata Consultancy Services Ltd., Tivim Industrial Estate	Water Consent Renewal
24	M/s Goa Medicare Devices Pvt. Ltd, Verna Indl Estate	Hazardous Waste Authorization
25	M/s Andrew Telecommunication India Pvt Ltd, Plot No. N-2, Verna Indl Estate	Hazardous Waste Authorization
26	M/s Andrew Telecommunication India Pvt Ltd, Plot No. L58 to 60, Verna Indl Estate	Hazardous Waste Authorization
27	M/s Greater Ferromet, Centralised Store & Workshop, BNF & Dry Screening Plant, Santona	Hazardous Waste Authorization
28	M/s V.M. Salgaocar & Bro Pvt Ltd, Sacorda Malpona Mine	Hazardous Waste Authorization
29	M/s V.M. Salgaocar & Bro Pvt Ltd, Sigao Mine	Hazardous Waste Authorization
30	M/s Ashwini Patholab, Bicholim	Bio-Medical Waste Authorization

31	M/s Vasuprada Polyfilms Pvt Ltd, Tivim Indl Estate	Plastic Registration
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Table 1-aj

The following applications were approved in pursuance of the recommendations made at the 25th meeting of the Re-constituted Technical Committee held on 08/03/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Birla Furukawa Fibre Optics Ltd, Verna Indl Estate	NOC
2	M/s Metrix Cement Blocks, Honda Indl Estate	NOC
3	M/s Om Sai Fabrication, Ponda	NOC
4	M/s Shantadurga Concretes, Assanora	NOC
5	M/s Tantra Designs Pvt Ltd, Issorcim, Hollant, Mormugao	NOC
6	M/s Indoco Remedies Ltd, Plant I, Verna Indl Estate	NOC (for DG sets)
7	M/s Indoco Remedies Ltd, Plant I, Verna Indl Estate	NOC (for septic tank)
8	M/s Palette Hotels (I) Pvt Ltd, Vasco	NOC
9	M/s Jaywant Enterprises, Sinquerim, Mayem	Water & Air Consent New
10	M/s Lokmat Newspaper Pvt Ltd, Verna Indl Estate	Water & Air Consent New
11	M/s Sapana Ceramics Pvt Ltd, Sattari	Air Consent Renewal
12	M/s Vassudeva Tamba Metal Quarry, 3/Ba/05, St. Pedro	Air Consent Renewal
13	M/s Vassudeva Tamba Metal Quarry, 5/Ba/Mu/91, St. Pedro	Air Consent Renewal
14	M/s Lokmat Newspaper Pvt Ltd, Verna Indl Estate	Hazardous Waste Authorization
15	M/s Macbrout Engineering Pvt Ltd, A1/22, Margao Indl Est	Hazardous Waste Authorization
16	M/s Palmarina Resorts, Calangute	Hazardous Waste Authorization
17	M/s Goenca Resorts Pvt Ltd, Resort Marinha Dourado, Arpora	Hazardous Waste Authorization
18	M/s Chowgule & Co Pvt Ltd, Shipbuilding Division, Rassaim	Hazardous Waste Authorization
19	M/s Plus Lubricants, Maharashtra	Hazardous Waste Authorization
20	M/s Pragati Udyog, Margao	Hazardous Waste Authorization for import of ferrous scrap
21	M/s Atul's Clinical Lab, Margao	Bio-Medical Waste Authorization

Table 1-ak

The following applications were approved in pursuance of the recommendations made at the 26th meeting of the Re-constituted Technical Committee held on 15/03/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Quality Windings, Ponda	NOC
2	M/s Mandovi Shipyard Pvt Ltd, Sancoale Indl Estate	NOC
3	M/s Procter & Gamble Hygiene & Health Care Ltd, Kundaim Indl Estate	NOC (expansion)

4	M/s Leopoldo Fabrication Works, Navelim	Air Consent New
5	M/s S.S. Electricals, Ponda	Water & Air Consent New
6	M/s Technical Precisions, Bicholim Indl Estate	Water & Air Consent New
7	M/s Bosch Limited, Verna Indl Estate	Water & Air Consent Renewal
8	M/s Denora India Ltd, Kundaim Indl Estate	Air Consent Renewal
9	M/s Petals Engineering Pvt Ltd, Kundaim Indl Estate	Water Consent Renewal
10	Dr. Walke's Diagnostic Centre & Polyclinic, Bicholim	Bio-Medical Waste Authorization

Table 1-al

The following applications were approved in pursuance of the recommendations made at the 27th meeting of the Re-constituted Technical Committee held on 22/03/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Babuli Fabrication, Old Goa	NOC
2	M/s Sky Touch Industries, Canacona Indl Estate	Water & Air Consent New
3	M/s Paulo Auto Body Builders & Servicing Pvt Ltd, Verna Indl Estate	Water & Air Consent New
4	M/s Goa Carbon Ltd, Margao	Hazardous Waste Authorization
5	Ms/ Aventis Pharma Ltd, Verna Indl Estate	Hazardous Waste Authorization
6	M/s Angels Holiday Resort, Porvorim	Hazardous Waste Authorization
7	M/s Denora India Ltd, Kundaim Indl Estate	Hazardous Waste Authorization
8	Shri Ajit Kadnekar, Chunimolo Mine	Hazardous Waste Authorization
9	M/s Computer Graphics Ltd, Sancoale Indl Estate	Hazardous Waste Authorization
10	M/s PTI, Advona Toleamati-e-Galiguro Mine, Sanguem	Hazardous Waste Authorization
11	M/s PTI, Bondra Advona Codli Mine, Sanguem	Hazardous Waste Authorization
12	M/s Pravinkumar Gosalia, Shakti Bauxite Mine, Quepem	Hazardous Waste Authorization
13	M/s Ulka Sea Foods, Unit I, Marcela	Hazardous Waste Authorization
14	M/s Roz Bal Industries, Bethora Indl Estate	Hazardous Waste Authorization
15	M/s Kunda Gharse, Cudnem Mine, Sanquelim	Hazardous Waste Authorization
16	M/s Dempo Shipbuilding & Engg Pvt Ltd, Bainguinim	Hazardous Waste Authorization
17	Dr Olavo Ribeiro Hospital, Mapusa	Bio-Medical Waste Authorization
18	M/s Laxmi Clinic, Panaji	Bio-Medical Waste Authorization
19	M/s Smile Dental Clinic, Candolim Road, Calangute	Bio-Medical Waste Authorization
20	M/s Smile Dental Clinic, Baga Road, Calangute	Bio-Medical Waste Authorization
21	M/s Smile Dental Clinic, Naikawaddo, Calangute	Bio-Medical Waste Authorization
22	M/s Sai Laxmi Dental Clinic, Pernem	Bio-Medical Waste Authorization
23	M/s Holy Spirit Nursing Home, Margao	Bio-Medical Waste Authorization
24	Ms/ Grace Lab, Margao	Bio-Medical Waste Authorization
25	M/s Divine Medical Centre, Margao	Bio-Medical Waste Authorization

Table 1-am

The following applications were approved in pursuance of the recommendations made at the 28th meeting of the Re-constituted Technical Committee held on 29/03/10

<i>Sr. No</i>	<i>Name of the unit & location</i>	<i>Application cleared for</i>
1	M/s Yesbeen Industries, Pissurlem Indl Estate	NOC

2	M/s Andrew Telecommunications India Pvt Ltd, Verna Indl Estate	NOC (expansion)
3	M/s S.S. Polymers, Kundaim Indl Estate	Water & Air Consent New
4	M/s Manipal Hospital, Dona Paula	Water & Air Consent New
5	M/s Dum Beverages, Corlim Indl Estate	Water Consent New
6	M/s Tito's Resorts & Hospitality Pvt Ltd, Calangute	Water Consent New (for STP)
7	M/s V.M. Salgaocar & Brother Pvt. Ltd. Casino BOA SORTE, Panaji	Water & Air Consent New
8	M/s Angels Holiday Resort, Porvorim	Water & Air Consent New
9	M/s Labchem, Madkai Indl Estate	Water & Air Consent New
10	M/s Gradient Chemicals Co. Pvt. Ltd, Cuncolim Indl Estate	Water & Air Consent New
11	M/s Desai Cement Co. Pvt Ltd, (RMC Plant) - Navelim	Air Consent New (addl product)
12	M/s Ulka Sea Foods, Unit II, Marcela	Air Consent New & Water Consent Renewal
13	M/s Tonia Liquor Industries Ltd, Raia	Water Consent Renewal
14	M/s Monteiro Distillery, Canacona Indl Estate	Water Consent Renewal
15	M/s Denora India Ltd, Kundaim Indl Estate	Water Consent Renewal
16	M/s Indi Pharma Pvt Ltd, Bethora Indl Estate	Water Consent Renewal
17	M/s City Metal Works & Coats, Margao Indl Estate	Water Consent Renewal
18	The Executive Engineer, 12.5 MLD STP, Tonca Caranzalem	Water Consent Renewal
19	M/s Chowgule & Co Pvt Ltd, Central Workshop, Usgao	Air Consent Renewal
20	M/s Timblo Pvt. Ltd, Dignem Iron Ore Beneficiation Plant, Bicholim	Water & Air Consent Renewal
21	M/s Ulka Sea Foods, Unit I, Marcela	Water & Air Consent Renewal
22	M/s Meta Copper & Alloys Ltd, Zuarinagar	Water & Air Consent Renewal
23	M/s G.N. Agrawal, Xirfod Jetty, Curchorem	Air Consent Renewal
24	M/s Shaikh Salim, Devapan Ou Devadongor Mine, Quepem	Air Consent Renewal
25	M/s Silver Sands Holiday Village, Candolim	Water & Air Consent Renewal
26	M/s Neelams the Grand, Calangute	Water & Air Consent Renewal
27	M/s Vailankani Power Laundry, Chinchinim	Hazardous Waste Authorization
28	M/s Raffles Square Development Pvt Ltd, Candolim	Hazardous Waste Authorization
29	M/s Silver Sands Holiday Village, Candolim	Hazardous Waste Authorization
30	M/s V.M. Salgaocar & Brother Pvt. Ltd. Casino BOA SORTE, Panaji	Hazardous Waste Authorization
31	M/s MMTC, Vasco	Registration of Importer
32	Dr. Ketan Prabhudesai, Curchorem	Bio-Medical Waste Authorization
33	M/s Anant Health Care Clinic, Chandor	Bio-Medical Waste Authorization

Annexure II

Table 2-a1: MINARS DATA FOR THE MONTH OF APRIL 2009

Sr. No.	Parameter	R. Zuari, Cortalim	R. Mandovi, Panaji	R. Zuari, Panchwadi	R. Mandovi, Tonca Marcel	R. kalna at Chandel	R. Valvanti Sanquelim	R. Madei, Valpoi	R. Khandepar, OPA	R. Talpona Canacona	R. Assanora, Assanora	Selaulim Reservoir	Agricultural Canal at Cuncolim u/s	Agricultural Canal at Cuncolim d/s	Creek at Dando Mollo, Velsao	Cumbarjua Canal, Syngenta, Corlim
1.	Sulphate as SO ₄ (mg/l)	110.0	97.0	110.0	97.0	10.56	14.0	12.0	Nil	11.0	11.0	13.0	38.0	20.0	113.0	97.14
2.	Total Dissolved Solids (mg/l)	979.0	297.0	5826.0	1111.0	58.0	48.0	30.0	126.0	34.0	362.0	143.0	141.0	131.0	163.0	28784.0
3	Total Suspended Solids (mg/l)	13.0	19.0	12.0	14.0	15.0	13.0	21.0	2.0	17.0	19.0	21.0	19.0	21.0	12.0	15.0
4.	Fluoride (mg/l)	1.33	1.47	1.66	0.94	0.26	0.04	0.12	-	0.08	0.01	0.07	0.13	0.24	0.18	-
5.	Boron (mg/l)	1.55	1.78	1.16	1.26	Bdl	Bdl	Bdl	Nil	Bdl	Bdl	Bdl	1.21	1.33	4.12	2.3
6.	Total Alkalinity (mg/l)	5.0	11.0	36.0	7	39.0	32.0	48.0	8.0	39.0	30.0	9.0	12.0	4.0	6.0	18.0
7.	Phenolphthalein Alkalinity (mg/l)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8.	Sodium (mg/l)	4222.0	4367.0	677.0	6738.0	3.0	6.0	5.0	5.9	7.0	3.0	37.0	4504.0	4313.0	588.0	5627.0
9.	Potassium (mg/l)	759.0	793.0	70.0	550.0	3.0	3.0	3.0	0.2	3.0	3.0	3.0	220.0	127.0	75.0	231.3
10.	Ca as CaCO ₃ (mg/l)	254.0	170.0	95.0	78.0	10.0	4.0	10.0	2.4	8.0	3.0	3.0	3.0	2.0	114.0	22.4
11.	Magnesium (mg/l)	385.0	359.0	259.0	263.0	23.0	12.0	21.0	9.13	29.0	16.0	17.0	16.0	16.0	364.0	6258.1
12.	Iron (mg/l)	0.28	0.85	ND	0.61	0.28	0.91	ND	0.09	0.11	0.26	0.58	0.52	0.17	0.12	ND
13.	Chromium (mg/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.06
14.	Cadmium (mg/l)	0.01	0.02	0.01	0.04	0.004	0.006	0.007	0.011	0.01	0.005	0.02	0.02	0.01	0.03	0.02
15.	Lead (mg/l)	0.099	0.21	ND	ND	ND	ND	ND	ND	ND	ND	0.04	ND	ND	ND	ND
16.	Zinc (mg/l)	0.03	0.05	0.03	0.09	0.05	0.05	0.04	0.05	0.04	0.04	0.05	0.05	0.04	0.06	0.03
17.	Nickel (mg/l)	0.05	0.05	0.08	0.44	0.03	0.03	0.04	0.03	0.01	0.02	0.09	0.03	0.03	0.28	0.23
18.	Copper (mg/l)	0.01	0.01	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.004	0.01	0.06	0.05

Table 2-a2: MINARS DATA FOR THE MONTH OF APRIL 2009

Sr. No.	Parameter	Mayem Lake, bicholim	R. Khandepa r Codli	R. Sal, Panzor oni Cuncolim	R. KushavatiSangue m	R. Sal, Mobor	R. Mapusa, Mapusa	R. Chapora nr Allorna, Fort	R. Bicholim Barazan nagar	Well of Bisleri, Verna Indl. Estate	Well of RMC, Sancoale Indl. Estate	Well at Zuari Indl. Estate	Well of Cadilla, Kundaim Indl. Estate	Well of Funkskool, Corlim Indl. Estate	Well of Unichem, Pilerne Indl Estate
1.	Sulphate as SO ₄ (mg/l)	Nil	Nil	113.0	Nil	110.0	78.0	102.0	2.4	13.9	1.9	2.2	15.0	16.0	39.0
2.	Total Dissolved Solids (mg/l)	62.0	162.0	50.0	104.0	157.0	10746.0	1252.0	158.0	208.0	154.0	620.0	143.0	114.0	108.0
3	Total Suspended Solids (mg/l)	1.0	5.0	33.0	1.0	11.0	24.0	2.0	1.0	1.0	1.0	2.0	17.0	13.0	14.0
4.	Fluoride (mg/l)	-	-	0.62	-	0.64	0.85	0.07	-	-	-	-	0.18	0.10	1.23
5.	Boron (mg/l)	nil	2.4	2.56	Nil	0.09	2.85	1.62	0.01	Nil	3.4	3.4	0.9	1.03	0.15
6.	Total Alkalinity (mg/l)	8.0	8.0	37.0	14.0	117.0	92.0	98.0	12.0	14.0	18.0	18.0	9.0	4.0	11.0
7.	Phenolphthalein Alkalinity (mg/l)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8.	Sodium (mg/l)	5.0	5.0	6.0	4.8	4687.0	1585.0	244.0	8.3	8.6	6.9	6.9	9.0	6.0	16.0
9.	Potassium (mg/l)	0.2	0.1	3.0	Nil	867.0	245.0	11.0	0.8	3.3	1.2	1.2	3.0	3.0	3.0
10.	Ca as CaCO ₃ (mg/l)	2.1	4.0	138.0	15.2	72.0	174.0	84.0	14.4	19.23	19.2	19.2	5.0	2.0	6.0
11.	Magnesium (mg/l)	2.81	5.7	169.0	12.8	447.0	303.0	66.0	11.56	25.94	19.1	19.1	21.0	2.0	18.0
12.	Iron (mg/l)	0.06	0.02	ND	ND	0.01	0.02	0.90	0.12	2.52	0.14	0.19	1.25	0.65	0.4
13.	Chromium (mg/l)	ND	ND	0.41	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND
14.	Cadmium (mg/l)	0.01	0.007	0.045	0.009	0.007	0.01	0.01	0.01	0.02	0.01	0.06	0.02	0.01	0.02
15.	Lead (mg/l)	ND	ND	0.22	ND	ND	0.06	0.03	0.04	ND	ND	ND	ND	ND	ND
16.	Zinc (mg/l)	0.04	0.04	0.07	0.04	0.03	0.05	0.06	0.04	0.04	0.09	0.07	0.09	0.06	0.14
17.	Nickel (mg/l)	0.01	0.02	0.44	0.02	ND	0.12	0.06	0.01	0.09	ND	0.71	0.03	0.02	0.04
18.	Copper (mg/l)	0.01	0.01	0.07	0.01	0.01	0.02	0.01	0.01	0.01	0.04	0.07	0.01	0.01	0.01

Table 2-b: MINARS DATA FOR RIVER BICHOLIM AT BARAZANNAGAR

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	31.0	30.0	30.0	27.0	30.0	29.0	28.0	29.0	29.0	29.5	28.0	29.0
2.	pH	7.2	6.46	7.47	6.04	6.24	6.02	6.05	6.75	6.5	7.63	7.27	6.38
3.	Conductivity µs/cm	154.9	195.0	131.2	129.0	140.5	81.8	65.0	112.2	128.5	152.5	161.7	149.7
4.	Nitrogen(Nitrate) mg/l	0.1	0.16	0.17	0.1	0.1	0.24	0.31	0.22	0.18	0.44	0.10	0.58
5.	Dissolved Oxygen mg/l	6.51	4.6	7.8	8.46	6.7	7.4	6.1	6.51	7.16	7.1	4.71	7.1
6.	BOD mg/l	1.32	2.6	2.6	3.27	0.6	5.4	2.8	1.317	2.94	0.9	2.1	0.9
7.	Fecal Coliform MPN/100 ml	----	----	----	12.0	12.0	----	9.0	20.0	7.0	7.0	15.0	28.0
8.	Total Coliform MPN/100 ml	----	----	----	200.0	200.0	----	150.0	150.0	120.0	150.0	240.0	210.0
9.	Nitrite Nitrogen mg/l	BDL	0.16	0.17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	0.02

Table 2-c: MINARS DATA FOR RIVER CHAPORA

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	32.0	31.0	30.0	25.0	27.0	26.0	25.0	29.0	28.0	27.0	26.0	28.0
2.	pH	6.8	6.8	7.12	6.72	6.8	6.32	6.60	7.03	6.1	5.70	6.5	6.47
3.	Conductivity ms/cm	2.77	11.56	0.94	0.07	0.06	0.05	0.04	0.12	----	2.77	2.06	15.22
4.	Nitrogen(Nitrate) mg/l	0.11	0.08	0.06	0.75	0.26	0.13	0.33	0.09	----	0.21	0.16	0.83
5.	Dissolved Oxygen mg/l	6.83	6.8	6.2	8.1	8.13	5.2	7.4	8.14	6.83	7.16	7.1	7.1
6.	BOD mg/l	1.32	2.0	5.5	1.3	1.6	0.3	1.2	1.81	2.61	2.29	3.3	1.3
7.	Fecal Coliform MPN/100 ml	----	----	----	10.0	15.0	----	14.0	14.0	15.0	4.0	NIL	11.0
8.	Total Coliform MPN/100 ml	----	----	----	200.0	225.0	----	200.0	150.0	210.0	75.0	75.0	175.0
9.	Nitrite Nitrogen mg/l	BDL	0.08	0.03	0.014	BDL	BDL	0.02	BDL	-----	BDL	BDL	BDL

Table 2-d: MINARS DATA FOR CUMBHARJUA CANAL

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	32.0	32.0	30.0	29.0	30.0	29.0	29.0	30.0	29.0	30.0	28.0	31.0
2.	pH	6.06	6.97	6.3	5.56	6.06	6.15	5.37	6.02	6.03	6.85	5.84	6.22
3.	Conductivity ms/cm	39.84	46.12	13.68	12.68	12.69	0.329	0.17	18.76	27.90	29.16	32.5	47.3
4.	Nitrogen(Nitrate) mg/l	0.01	0.17	0.12	0.1	0.08	0.25	0.19	0.26	0.2	0.36	0.61	0.56
5.	Dissolved Oxygen mg/l	6.18	7.5	5.9	4.56	4.6	5.5	7.1	4.56	3.91	6.8	7.12	6.80
6.	BOD mg/l	2.3	3.3	1.6	1.31	1.9	0.9	3.8	1.30	1.64	1.0	2.81	0.6
7.	Fecal Coliform MPN/100 ml	-----	----	----	13.0	11.0	----	11.0	9.0	11.0	11.0	7.0	14.0
8.	Total Coliform MPN/100 ml	----	----	----	250.0	175.0	----	170.0	120.0	150.0	150.0	95.0	120.0
9.	Nitrite Nitrogenmg/l	0.01	0.15	0.1	0.01	BDL	BDL	BDL	BDL	BDL	0.01	0.07	BDL

Table 2-e: MINARS DATA FOR CREEK AT DANDO MOLLO

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	31.0	32.0	28.0	27.0	30.0	30.0	28.0	29.0	28.0	25.0	29.0	35.0
2.	pH	8.44	8.4	6.12	6.42	8.2	6.2	5.4	6.67	6.25	5.39	7.6	7.64
3.	Conductivity ms/cm	71.55	4.57	0.75	0.04	10.1	0.65	0.6	0.02	19.26	8.57	12.29	31.8
4.	Nitrogen(Nitrate) mg/l	4.99	4.59	0.28	1.1	4.01	0.14	0.58	0.26	0.16	2.01	0.32	0.87
5.	Dissolved Oxygen mg/l	7.16	0.66	7.2	6.8	7.48	6.8	7.0	3.91	7.48	7.49	7.16	7.1
6.	BOD mg/l	1.97	2.0	2.3	0.9	1.96	0.9	2.61	1.96	1.96	2.3	1.97	0.9
7.	Fecal Coliform MPN/100 ml	-----	----	----	9.0	12.0	----	21.0	23.0	NIL	NIL	15.0	
8.	Total Coliform MPN/100 ml	-----	----	----	150.0	125.0	---	150.0	210.0	NIL	25.0	150.0	
9.	Nitrite Nitrogen mg/l	0.01	0.65	0.04	0.02	0.12	0.01	BDL	BDL	BDL	0.01	0.03	BDL

Table 2-f: MINARS DATA FOR RIVER KHANDEPAR AT CODLI

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	31.0	30.0	30.0	27.0	31.0	28.0	30.0	30.0	29.0	30.0	30.0	30.0
2.	pH	7.3	7.7	7.1	6.22	6.7	6.12	5.75	6.66	6.2	7.58	6.85	6.54
3.	Conductivity µs/cm	48.58	61.48	38.42	48.20	32.40	37.50	47.50	38.60	42.00	41.10	41.80	0.0389
4.	Nitrogen(Nitrate) mg/l	0.1	0.07	0.07	0.12	0.1	0.06	0.23	BDL	0.01	0.861	0.124	0.912
5.	Dissolved Oxygen mg/l	7.81	8.5	7.5	6.51	7.5	7.1	6.8	6.67	6.67	7.1	3.21	6.8
6.	BOD mg/l	1.0	3.3	3.3	2.94	1.5	2.5	1.6	2.13	1.8	0.9	1.9	0.6
7.	Fecal Coliform MPN/100 ml	----	----	----	11.0	11.0	----	9.0	28.0	14.0	NIL	11.0	21.0
8.	Total Coliform MPN/100 ml	----	----	----	175.0	175.0	----	170.0	240.0	150.0	64.0	210.0	150.0
9.	Nitrite Nitrogen mg/l	BDL	0.06	0.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	BDL

Table 2-g: MINARS DATA FOR MAYEM LAKE

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	33.0	30.0	28.0	25.0	27.0	26.0	29.0	27.0	28.0	27.0	27.0	29.0
2.	pH	6.9	6.6	6.7	6.48	6.9	6.14	6.74	6.55	5.9	6.21	6.43	6.02
3.	Conductivity µs/cm	81.81	84.42	101.0	92.8	93.7	45.5	47.5	63.7	63.9	107.7	68.5	66.3
4.	Nitrogen(Nitrate) mg/l	0.03	0.16	0.15	0.1	0.08	0.10	0.12	0.087	0.248	0.372	0.525	0.251
5.	Dissolved Oxygen mg/l	7.48	5.8	6.8	7.4	6.8	6.5	6.8	6.67	7.16	7.4	7.4	6.83
6.	BOD mg/l	0.66	1.95	2.3	0.8	0.9	0.62	0.6	1.24	0.99	0.9	2.9	2.29
7.	Fecal Coliform MPN/100 ml	----	----	----	11.0	12.0	----	11.0	7.0	11.0	NIL	9.0	9.0
8.	Total Coliform MPN/100 ml	----	----	----	200.0	175.0	----	120.0	125.0	150.0	95.0	120.0	150.0
9.	Nitrite Nitrogen mg/l	BDL	0.16	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 2-h: MINARS DATA FOR RIVER KUSHAVATI

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	30.0	31.0	29.0	26.0	28.0	27.0	29.0	28.0	27.0	28.0	27.0	27.0
2.	pH	6.6	6.6	6.6	6.02	6.51	6.3	6.09	6.81	6.2	6.12	5.93	5.78
3.	Conductivity µs/cm	133.6	169.3	19.0	89.4	97.5	59.2	51.8	75.7	87.6	66.6	117.0	126.3
4.	Nitrogen(Nitrate) mg/l	0.2	0.31	0.12	1.0	1.5	0.84	0.29	0.01	0.06	0.39	0.79	0.31
5.	Dissolved Oxygen mg/l	6.2	6.2	6.5	7.1	6.8	6.82	7.1	6.5	6.84	7.1	7.1	6.51
6.	BOD mg/l	1.0	1.0	2.5	1.2	0.9	1.2	1.2	1.0	0.34	1.3	3.3	2.3
7.	Fecal Coliform MPN/100 ml	----	----	----	11.0	10.0	----	7.0	11.0	7.0	7.0	NIL	14.0
8.	Total Coliform MPN/100 ml	----	----	----	175.0	150.0	----	120.0	120.0	120.0	210.0	7.0	150.0
9.	Nitrite Nitrogen mg/l	BDL	0.30	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.031

Table 2-i: MINARS DATA FOR RIVER MAPUSA

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	31.0	32.0	30.0	25.0	29.0	27.0	28.0	29.0	28.0	28.0	27.0	29.0
2.	pH	6.6	6.6	6.76	6.57	6.61	6.3	6.24	6.55	5.9	5.69	6.21	6.28
3.	Conductivity ms/cm	19.36	18.95	1.21	0.10	0.84	0.07	0.10	3.85	11.0	16.75	12.12	16.16
4.	Nitrogen(Nitrate) mg/l	0.31	0.24	0.28	0.8	0.09	0.01	0.12	0.12	-----	1.28	0.64	0.73
5.	Dissolved Oxygen mg/l	6.11	6.6	3.6	5.5	5.2	7.1	4.5	4.72	8.79	3.8	7.4	6.5
6.	BOD mg/l	1.0	1.0	0.3	0.96	3.57	3.2	0.9	2.94	0.68	1.0	1.6	1.0
7.	Fecal Coliform MPN/100 ml	-----	----	----	15.0	14.0	----	11.0	15.0	14.0	11.0	11.0	9.0
8.	Total Coliform MPN/100 ml	-----	----	----	275.0	200.0	----	150.0	210.0	150.0	150.0	150.0	150.0
9.	Nitrite Nitrogen mg/l	BDL	0.23	0.27	0.014	BDL	0.01	BDL	BDL	----	BDL	BDL	BDL

Table 2-j: MINARS DATA FOR RIVER SAL AT MOBOR

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	33.0	31.0	28.0	29.0	29.0	26.0	28.0	28.0	27.0	29.0	30.0	31.0
2.	pH	7.81	7.85	7.34	7.06	6.83	6.39	6.06	6.84	6.03	6.52	6.51	6.33
3.	Conductivity ms/cm	53.93	51.7	52.04	----	40.3	46.5	30.3	48.2	77.1	50.3	39.7	102
4.	Nitrogen(Nitrate) mg/l	0.12	0.06	0.13	0.09	0.2	0.32	0.08	0.09	0.08	1.48	0.75	
5.	Dissolved Oxygen mg/l	9.11	7.8	6.5	7.81	6.8	6.5	8.14	4.23	6.83	8.11	7.1	
6.	BOD mg/l	1.32	1.6	1.0	1.0	0.6	1.9	5.84	0.65	1.28	1.94	1.3	
7.	Fecal Coliform MPN/100 ml	----	----	----	15.0	12.0	----	12.0	11.0	----	NIL	15.0	4.0
8.	Total Coliform MPN/100 ml	----	----	----	210.0	200.0	----	185.0	150.0	----	95.0	240.0	120.0
9.	Nitrite Nitrogen mg/l	BDL	0.05	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

Table 2-k: MINARS DATA FOR RIVER SAL AT PANZORCONI

Sr. No	Parameters	April-09	May-09	June-09	July-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
1.	Temperature°C	31.0	29.0	29.0	29.0	29.0	28.0	27.0	27.0	27.0	27.0	27.0	28.0
2.	pH	8.29	7.73	5.8	6.97	6.52	7.49	7.53	6.25	6.79	7.56	6.86	7.2
3.	Conductivity µs/cm	86.86	72.67	93.31	----	84.19	85.8	80.2	155.0	47.6	80.5	70.5	35.0
4.	Nitrogen(Nitrate) mg/l	6.24	0.08	0.24	0.69	0.4	0.34	0.22	0.16	0.15	0.53	1.05	
5.	Dissolved Oxygen mg/l	9.76	7.2	7.2	8.46	6.5	7.1	7.4	5.86	6.5	7.81	6.52	
6.	BOD mg/l	1.65	2.0	1.6	1.0	1.2	0.6	5.2	2.92	0.95	2.3	2.0	
7.	Fecal Coliform MPN/100 ml	-----	-----	----	21.0	11.0	----	11.0	7.0	----	7.0	14.0	20.0
8.	Total Coliform MPN/100 ml	-----	----	----	245.0	175.0	----	170.0	120.0	----	75.0	210.0	210.0
9.	Nitrite Nitrogen mg/l	BDL	0.08	0.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

Table 2-l: MINARS DATA FOR SELAULIM RESERVOIR

Sr. No	Parameters	April-09	July-09	Aug-09	Sep-09	Oct-09	Jan-10
1.	Temperature°C	32.0	26.0	30.0	31.0	30.0	29.0
2.	pH	6.43	6.52	7.2	5.91	6.48	6.21
3.	Conductivity µs/cm	61.40	46.1	46.12	41.9	41.2	44.2
4.	Nitrogen(Nitrate) mg/l	0.02	0.15	0.01	0.1	0.02	0.83
5.	Dissolved Oxygen mg/l	6.83	7.5	7.16	7.1	7.4	7.4
6.	BOD mg/l	0.67	0.6	0.67	0.9	0.9	1.2
7.	Fecal Coliform MPN/100 ml	-----	NIL	NIL	----	NIL	NIL
8.	Total Coliform MPN/100 ml	-----	3.0	4.0	----	NIL	3.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	0.01	BDL	BDL

Table 2-m: MINARS DATA FOR RIVER KHANDEPAR AT OPA

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	33.0	25.0	28.0	27.0
2.	pH	7.1	6.82	6.57	6.09
3.	Conductivity µs/cm	103.4	119.2	49.1	73.3
4.	Nitrogen(Nitrate) mg/l	0.01	0.07	0.21	0.28
5.	Dissolved Oxygen mg/l	7.8	7.4	7.1	7.1
6.	BOD mg/l	1.32	0.8	0.9	0.6
7.	Fecal Coliform MPN/100 ml	-----	12.0	11.0	NIL
8.	Total Coliform MPN/100 ml	-----	225.0	120.0	120.0
9.	Nitrite Nitrogen mg/l	-----	0.01	BDL	BDL

Table 2-n: MINARS DATA FOR AGRICULTURAL CANAL DOWNSTREAM

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	32.0	27.0	30.0	27.0
2.	pH	7.7	5.54	5.13	6.67
3.	Conductivity µs/cm	59.0	75.9	73.2	44.2
4.	Nitrogen(Nitrate) mg/l	0.01	1.1	0.75	0.05
5.	Dissolved Oxygen mg/l	6.51	7.4	5.21	7.15
6.	BOD mg/l	1.64	1.5	0.66	0.62
7.	Fecal Coliform MPN/100 ml	----	----	12.0	14.0
8.	Total Coliform MPN/100 ml	----	----	210.0	150.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	BDL

Table 2-o: MINARS DATA FOR AGRICULTURAL CANAL UPSTREAM

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	32.0	27.0	31.0	27.0
2.	pH	7.8	6.59	4.12	6.64
3.	Conductivity µs/cm	52.9	67.4	87.8	50.3
4.	Nitrogen(Nitrate) mg/l	0.02	0.7	0.67	0.04
5.	Dissolved Oxygen mg/l	6.18	7.4	2.93	7.15
6.	BOD mg/l	1.97	1.1	1.31	0.62
7.	Fecal Coliform MPN/100 ml	----	----	NIL	11.0
8.	Total Coliform MPN/100 ml	----	----	43.0	75.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	BDL

Table 2-p: MINARS DATA FOR RIVER ASSANORA

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	30.0	26.0	28.0	27.0
2.	pH	6.9	6.02	6.02	6.2
3.	Conductivity µs/cm	56.69	----	52.8	57.2
4.	Nitrogen(Nitrate) mg/l	0.32	0.21	0.33	BDL
5.	Dissolved Oxygen mg/l	7.16	4.88	4.55	7.4
6.	BOD mg/l	1.65	1.31	0.64	1.2
7.	Fecal Coliform MPN/100 ml	-----	9.0	14.0	NIL
8.	Total Coliform MPN/100 ml	-----	150.0	175.0	23.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	BDL

Table 2-q: MINARS DATA FOR RIVER CHANDEL

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	31.0	25.0	26.0	26.0
2.	pH	6.5	6.68	6.86	5.92
3.	Conductivity µs/cm	64.64	46.65	41.1	78.0
4.	Nitrogen(Nitrate) mg/l	0.12	0.4	0.17	0.92
5.	Dissolved Oxygen mg/l	6.83	8.8	7.4	7.16
6.	BOD mg/l	1.32	1.3	0.9	1.97
7.	Fecal Coliform MPN/100 ml	-----	5.0	11.0	NIL
8.	Total Coliform MPN/100 ml	----	175.0	125.0	65.0
9.	Nitrite Nitrogen mg/l	BDL	0.01	BDL	BDL

Table 2-r: MINARS DATA FOR RIVER MANDOVI AT PANAJI

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	31.0	27.0	30.0	28.0
2.	pH	7.2	6.5	6.62	7.07
3.	Conductivity ms/cm	50.10	30.4	25.74	45.9
4.	Nitrogen(Nitrate) mg/l	6.09	0.42	0.13	0.30
5.	Dissolved Oxygen mg/l	7.16	7.2	7.1	7.4
6.	BOD mg/l	1.0	0.6	3.2	1.3
7.	Fecal Coliform MPN/100 ml	-----	14.0	12.0	7.0
8.	Total Coliform MPN/100 ml	-----	175.0	240.0	120.0
9.	Nitrite Nitrogen mg/l	BDL	0.01	BDL	0.01

Table 2-s: MINARS DATA FOR RIVER MANDOVI AT TONCA MARCELA

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	34.0	26.0	31.0	28.0
2.	pH	7.32	6.36	6.42	6.98
3.	Conductivity ms/cm	36.06	1.14	4.74	21.93
4.	Nitrogen(Nitrate) mg/l	0.22	0.46	0.09	0.86
5.	Dissolved Oxygen mg/l	7.48	7.2	6.5	6.8
6.	BOD mg/l	1.64	0.6	1.6	1.0
7.	Fecal Coliform MPN/100 ml	-----	28.0	11.0	9.0
8.	Total Coliform MPN/100 ml	-----	200.0	210.0	150.0
9.	Nitrite Nitrogen mg/l	0.01	0.01	BDL	0.01

Table 2-t: MINARS DATA FOR RIVER ZUARI AT CORTALIM

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	31.0	27.0	28.0	30.0
2.	pH	6.89	6.11	6.1	5.48
3.	Conductivity ms/cm	47.33	0.765	51.0	42.2
4.	Nitrogen(Nitrate) mg/l	2.55	0.1	0.31	0.20
5.	Dissolved Oxygen mg/l	8.13	7.1	7.16	6.8
6.	BOD mg/l	1.97	0.9	2.62	2.9
7.	Fecal Coliform MPN/100 ml	-----	9.0	NIL	NIL
8.	Total Coliform MPN/100 ml	----	150.0	23.0	11.0
9.	Nitrite Nitrogen mg/l	0.18	0.02	BDL	0.032

Table 2-u: MINARS DATA FOR RIVER ZUARI AT PANCHWADI

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	31.0	27.0	28.5	30.0
2.	pH	7.06	6.66	6.0	6.36
3.	Conductivity ms/cm	8.22	0.0882	3.68	5.9
4.	Nitrogen(Nitrate) mg/l	1.45	0.13	0.38	0.21
5.	Dissolved Oxygen mg/l	6.83	7.1	6.5	6.18
6.	BOD mg/l	1.64	1.2	2.61	2.61
7.	Fecal Coliform MPN/100 ml	-----	11.0	NIL	4.0
8.	Total Coliform MPN/100 ml	-----	250.0	95.0	75.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	0.04

Table 2-v: MINARS DATA FOR RIVER MADEI

Sr. No	Parameters	April-09	Oct-09	Jan-10
1.	Temperature (°C)	30.0	26.0	28.0
2.	pH	7.02	6.7	6.3
3.	Conductivity µs/cm	126.4	50.0	91.5
4.	Nitrogen(Nitrate) mg/l	0.09	0.13	0.59
5.	Dissolved Oxygen mg/l	5.85	7.64	7.1
6.	BOD mg/l	1.31	0.67	0.9
7.	Fecal Coliform MPN/100 ml	-----	11.0	NIL
8.	Total Coliform MPN/100 ml	----	150.0	7.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL

Table 2-w: MINARS DATA FOR RIVER VALVANTI

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	32.0	25.5	27.0	27.0
2.	pH	6.69	6.18	6.61	6.47
3.	Conductivity µs/cm	70.33	----	47.5	70.7
4.	Nitrogen(Nitrate) mg/l	0.38	0.29	0.23	0.18
5.	Dissolved Oxygen mg/l	6.18	7.16	7.64	6.8
6.	BOD mg/l	2.29	2.29	1.14	1.0
7.	Fecal Coliform MPN/100 ml	-----	15.0	11.0	7.0
8.	Total Coliform MPN/100 ml	-----	200.0	125.0	95.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	BDL

Table 2-x: MINARS DATA FOR RIVER TALPONA

Sr. No	Parameters	April-09	July-09	Oct-09	Jan-10
1.	Temperature°C	32.0	29.0	29.0	29.0
2.	pH	6.5	6.89	6.02	7.47
3.	Conductivity µs/cm	82.33	----	50.4	60.9
4.	Nitrogen(Nitrate) mg/l	1.48	0.29	0.12	0.14
5.	Dissolved Oxygen mg/l	9.43	8.79	6.51	6.51
6.	BOD mg/l	0.99	1.65	5.84	1.0
7.	Fecal Coliform MPN/100 ml	-----	15.0	11.0	NIL
8.	Total Coliform MPN/100 ml	-----	175.0	150.0	43.0
9.	Nitrite Nitrogen mg/l	BDL	BDL	BDL	BDL

Table 2-y: MINARS DATA FOR WELL IN CORLIM INDUSTRIAL ESTATE

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	30.0	30.0
2.	pH	5.52	5.0
3.	Conductivity $\mu\text{s/cm}$	40.71	25.63
4.	Nitrogen(Nitrate) mg/l	3.59	0.8
5.	Dissolved Oxygen mg/l	7.16	5.8
6.	BOD mg/l	1.32	3.2
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 2-z: MINARS DATA FOR WELL IN KUNDAIM INDUSTRIAL ESTATE

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	30.0	31.0
2.	pH	6.52	6.8
3.	Conductivity $\mu\text{s/cm}$	308.8	30.7
4.	Nitrogen(Nitrate) mg/l	BDL	0.21
5.	Dissolved Oxygen mg/l	7.48	7.1
6.	BOD mg/l	2.94	0.9
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 2-aa: MINARS DATA FOR WELL IN PILERNE INDUSTRIAL ESTATE

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	30.0	31.0
2.	pH	6.97	6.3
3.	Conductivity µs/cm	248.8	122.8
4.	Nitrogen(Nitrate) mg/l	BDL	0.01
5.	Dissolved Oxygen mg/l	7.16	6.5
6.	BOD mg/l	1.65	0.9
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 2-ab: MINARS DATA FOR WELL IN SANCOALE INDUSTRIAL ESTATE

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	30.0	31.0
2.	pH	7.68	6.67
3.	Conductivity µs/cm	207.6	244.0
4.	Nitrogen(Nitrate) mg/l	BDL	0.03
5.	Dissolved Oxygen mg/l	5.21	3.58
6.	BOD mg/l	0.34	1.31
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 2-ac: MINARS DATA FOR WELL IN VERNA INDUSTRIAL ESTATE

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	30.0	32.0
2.	pH	6.5	6.35
3.	Conductivity $\mu\text{s/cm}$	227.6	199.0
4.	Nitrogen(Nitrate) mg/l	BDL	0.04
5.	Dissolved Oxygen mg/l	2.3	3.91
6.	BOD mg/l	NIL	0.34
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 2-ad: MINARS DATA FOR WELL OF ZUARI INDUSTRIES

Sr. No	Parameters	April-09	Oct-09
1.	Temperature°C	31.0	32.0
2.	pH	7.2	6.46
3.	Conductivity $\mu\text{s/cm}$	212.5	229.5
4.	Nitrogen(Nitrate) mg/l	BDL	0.17
5.	Dissolved Oxygen mg/l	8.79	1.30
6.	BOD mg/l	6.52	0.65
7.	Fecal Coliform MPN/100 ml	----	NIL
8.	Total Coliform MPN/100 ml	----	NIL
9.	Nitrite Nitrogen mg/l	BDL	BDL

Annexure III

Table 3-a: WATER MONITORING DATA FOR RIVER SAL AT JACKNI BHAND

Sr. No	Parameters	Sep-09	Feb-10
1.	Temperature°C	29.0	29.0
2.	pH	5.94	6.67
3.	Conductivity µs/cm	117.2	274.1
4.	Nitrogen(Nitrate) mg/l	0.01	0.041
5.	Dissolved Oxygen mg/l	5.53	1.9
6.	BOD mg/l	0.66	0.62
7.	Fecal Coliform MPN/100 ml	-----	7.0
8.	Total Coliform MPN/100 ml	-----	120.0
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 3-b: WATER MONITORING DATA FOR RIVER SAL AT KHAREBHAND

Sr. No	Parameters	Sep-09	Feb-10
1.	Temperature°C	29.0	22.0
2.	pH	6.2	6.81
3.	Conductivity µs/cm	135.5	255.4
4.	Nitrogen(Nitrate) mg/l	0.08	0.031
5.	Dissolved Oxygen mg/l	4.88	-----
6.	BOD mg/l	1.42	0.71
7.	Fecal Coliform MPN/100 ml	----	20.0
8.	Total Coliform MPN/100 ml	----	210.0
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 3-c: WATER MONITORING DATA FOR RIVER SAL AT ORLIM

Sr. No	Parameters	Sep-09	Feb-10
1.	Temperature°C	30.0	23.0
2.	pH	6.03	6.81
3.	Conductivity µs/cm	106.6	28550.0
4.	Nitrogen(Nitrate) mg/l	0.07	0.043
5.	Dissolved Oxygen mg/l	5.53	2.1
6.	BOD mg/l	1.31	1.0
7.	Fecal Coliform MPN/100 ml	----	11.0
8.	Total Coliform MPN/100 ml	----	150.0
9.	Nitrite Nitrogen mg/l	BDL	BDL

Table 3-d: WATER MONITORING DATA FOR RIVER SAL AT RUMDAR

Sr. No	Parameters	Sep-09	Feb-10
1.	Temperature°C	29.0	28.0
2.	pH	6.08	7.63
3.	Conductivity µs/cm	83.8	107.5
4.	Nitrogen(Nitrate) mg/l	0.09	0.012
5.	Dissolved Oxygen mg/l	6.51	----
6.	BOD mg/l	1.1	0.61
7.	Fecal Coliform MPN/100 ml	----	11.0
8.	Total Coliform MPN/100 ml	----	120.0
9.	Nitrite Nitrogen mg/l	0.01	BDL

Table 3-e: WATER MONITORING DATA FOR RIVER SAL AT MUNGUL

Sr. No	Parameters	Sep-09
1.	Temperature °C	29.0
2.	pH	6.06
3.	Conductivity $\mu\text{s/cm}$	588.0
4.	Nitrogen(Nitrate) mg/l	0.06
5.	Dissolved Oxygen mg/l	5.53
6.	BOD mg/l	1.42
7.	Fecal Coliform MPN/100 ml	----
8.	Total Coliform MPN/100 ml	----
9.	Nitrite Nitrogen mg/l	BDL

Table 3-f: WATER MONITORING DATA FOR RIVER SAL AT PULWADDO

Sr. No	Parameters	Sep-09
1.	Temperature °C	29.0
2.	pH	6.13
3.	Conductivity $\mu\text{s/cm}$	120.3
4.	Nitrogen(Nitrate) mg/l	0.05
5.	Dissolved Oxygen mg/l	4.55
6.	BOD mg/l	1.42
7.	Fecal Coliform MPN/100 ml	----
8.	Total Coliform MPN/100 ml	----
9.	Nitrite Nitrogen mg/l	BDL

Annexure IV

AMBIENT AIR QUALITY DATA

Table 4-a Station : Panaji

Month &	SO ₂ (µ/m ³)		NO _x (µ/m ³)		RSPM (µ/m ³)		SPM (µ/m ³)	
Year	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean
April ' 09	48	4.8	48	10.8	24	65.9	24	126.2
May ' 09	48	2.0	48	7.5	24	48.4	24	79
June ' 09	52	2.5	52	10.7	26	51.2	26	106.7
July ' 09	52	2.0	52	5.1	26	63.7	26	132.4
Aug. ' 09	54	2.1	54	5.8	27	62.3	27	104.1
Sept. ' 09	48	2.1	48	11	24	56.8	24	108.5
Oct. ' 09	48	3.1	48	12.9	24	89.1	24	151.5
Nov. ' 09	54	2.3	54	15.3	27	90.2	27	135.0
Dec. ' 09	48	2.7	48	29.1	24	123.3	24	200.2
Jan. ' 10	54	5.5	54	23.7	27	137.3	27	199.4
Feb. ' 10	48	2.2	48	10.0	24	122.5	24	175.0
March '10	60	4.2	60	16.7	30	121.6	30	169.7

Table 4-b Station : MPT-Mormugao

Month &	SO ₂ (µ/m ³)		NO _x (µ/m ³)		RSPM (µ/m ³)		SPM (µ/m ³)	
Year	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean
April ' 09	38	5.5	38	4.6	19	61.2	19	155.6
May ' 09	48	2.4	48	6.7	24	67.9	24	192.5
June ' 09	53	2.5	53	7.7	27	37.7	27	114.1
July ' 09	54	2.4	54	5.1	27	53.4	27	136.0
Aug. ' 09	48	2.7	48	5.6	24	48.9	24	106.5
Sept. ' 09	53	2.6	53	8.4	26	55.5	26	153.5
Oct. ' 09	54	2.7	54	15.1	27	144.8	27	323.8
Nov. ' 09	48	3.8	48	13.3	24	83.3	24	201.9
Dec. ' 09	59	5.0	59	21.2	30	118.4	30	255.6
Jan. ' 10	48	8.0	48	24.9	24	106.2	24	170.0
Feb. ' 10	48	5.6	48	21.7	24	84.1	24	139.7
March '10	54	3.8	54	15.8	27	65.2	27	96.2

Table 4-c Station : Vasco da Gama

Month &	SO ₂ (µ/m ³)		NO _x (µ/m ³)		RSPM (µ/m ³)		SPM (µ/m ³)	
Year	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean	No. of Obs	Arith Mean
April ' 09	42	6.2	42	14.9	21	92.9	27	317.6
May ' 09	48	2.4	48	10.3	24	67.2	24	184.3
June ' 09	53	2.4	53	11.8	24	62.8	24	146.0
July ' 09	24	2.0	24	8.5	6	87.1	6	140.3
Oct. ' 09	52	3.2	52	18.8	26	67.6	21	193.4
Nov. ' 09	48	2.3	48	12.7	24	61.2	24	143.7
Dec. ' 09	60	4.7	60	28.9	30	104.8	30	195.5
Jan. ' 10	48	7.5	48	23.4	24	100.5	24	182.0
Feb. ' 10	48	5.5	48	22.7	24	81.4	24	179.3
March ' 10	54	3.4	54	15	27	100.4	27	203.2

Annexure V

Table 5: STATUS OF HAZARDOUS WASTE GENERATED DURING THE YEAR

Sr. No.	Name of the unit & location	Category of waste	Quantity in MT/ Year	Mode of Disposal
1	M/s National Coating Company, Betim	34.3	100 kg/month	To SPCB Authorized Secured landfill
2	M/s Launderaids, Verna Indl Estate	34.3	30 kg/month	To SPCB Authorized Secured landfill
3	M/s Jain Udyog, Sanguem	5.1	250 litres/annum	To recycler registered with CPCB
4	M/s Fomento Resorts & Hotels Ltd, Cidade de Goa, Dona Paula	5.1	150 kg/ annum	To recycler registered with CPCB
		34.3	300 kg/ annum	To SPCB Authorized Secured landfill
5	M/s Creative Gaming Solutions Pvt Ltd, MV San Domino, Panaji	5.1	50 litres/ month	To recycler registered with CPCB
		3.3	1 m ³ / month	To recycler registered with CPCB OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		3.4	2 m ³ / month	To recycler registered with CPCB OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
6	M/s Devyani Food Industries Pvt Ltd, Usgao	5.1	200 kg/ annum	To recycler registered with CPCB
		34.3	300 kg/ annum	To SPCB Authorized Secured landfill
7	M/s Encube Ethicals Pvt Ltd, Madkaim Indl Estate	5.1	0.04 MT/ annum	To recycler registered with CPCB
		28.1	0.25 MT/ annum	To SPCB Authorized Secured landfill OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		33.3	200 nos./ annum	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
		34.3	0.83 MT	To SPCB Authorized Secured landfill OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
8	M/s Ramacanta Velingkar, BNF Plant, Dharbandora	5.1	350 litres/ annum	To recycler registered with CPCB
9	M/s Reis Magos Fort Resort Pvt Ltd, Verem	5.1	20 litres/ annum	To recycler registered with CPCB
10	M/s John Distilleries Ltd, Cuncolim Indl Estate	5.1	35 litres/annum	To recycler registered with CPCB
11	M/s Cosmos Premises Pvt Ltd, Galaxy Beach Resort, Utorda	5.1	5 kg/ month	To recycler registered with CPCB
		34.3	10 kg/ month	To SPCB Authorized Secured landfill
12	M/s Amiantit Fiberglass Industries India Pvt Ltd, Bicholim	5.1	0.3 tons/ annum	To recycler registered with CPCB
		33.3	600 nos./ month	The Resin should be collected, hardened and disposed in a secured landfill having valid authorisation from GSPCB. The empty barrels should be cut and sold as metal scrap
13	M/s Hindustan Containers, Colvale Indl Estate	3.3	600 litres/ annum	To recycler registered with CPCB OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration

		5.2	800 litres/ annum	To recycler registered with CPCB OR M/s Spear Petroleum Pvt. Ltd., Kundaim Indl. Estate
		33.3	30 nos./ annum	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
14	M/s CGPPI Adhesive Products Ltd, Kundaim Indl Estate	5.1	10 litres/ annum	To recycler registered with CPCB
		33.3	15 nos./ month	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
15	M/s Bell Tower Resorts Pvt Ltd, Varca	5.1	150 kg/ annum	To recycler registered with CPCB
		34.3	300 kg/ annum	To SPCB Authorized Secured landfill
16	M/s Kundil Alloys Pvt Ltd, Kundaim Indl Estate	5.1	75 litres/ annum	To recycler registered with CPCB
17	M/s Procter & Gamble Hygiene & Health Care Ltd, Kundaim Indl Estate	5.1	3000 litres/ year	To recycler registered with CPCB
		5.2	50 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		21.1	2000 litres/ annum	Sent to M/s Mumbai Waste Management Ltd. at Taloja for incineration
		33.3	5000 nos/ annum	To recycler registered with CPCB
18	M/s CEE JEE Lubricants, Kerala, (Registered Recycler)	5.1	150 KL/ annum	Collection, reception & transportation of Hazardous waste from M/s MRF, Goa to Kerala to Recycle/ Reprocess/ Re-refining used oil by means of technology having Environmentally Sound Mgmt Facility as approved by CPCB
19	M/s Godrej IJM Palm Oil Ltd, Valpoi	5.1	80 litres/ annum	To recycler registered with CPCB
20	M/s Teracom Ltd, Plot No. 102, Kundaim Indl Estate	5.1	25 kg/ month	To recycler registered with CPCB / Reuse for lubrication of moulds
		34.3	300 kg/ month	To SPCB Authorized Secured landfill
21	M/s Nanu Resorts Pvt Ltd, Betalbatim	5.1	30 litres/ annum	To recycler registered with CPCB
22	M/s Finolex Cables, L-117 & 118, Verna Indl Estate	5.1	12 KL/ annum	To recycler registered with CPCB
23	M/s Glenmark Generics, Plot S-7, Colvale Indl Estate	5.1	10 kg/ month	To recycler registered with CPCB
		28.3	25 kg/ annum	To SPCB Authorized Secured landfill
		28.4	25 kg/ annum	To SPCB Authorized Secured landfill
		34.3	15 kg/ month	To SPCB Authorized Secured landfill
24	M/s FDC Ltd, Plot no. L-56 & 57, Verna Indl Estate	5.1	0.6 MT/ annum	To recycler registered with CPCB
		28.1	0.72 MT/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.2	0.24 MT/ annum	To recycler registered with CPCB
		34.3	3.6 MT/ annum	To SPCB Authorized Secured landfill
25	M/s Ronil Hotels & Resorts Pvt Ltd, Calangute	5.1	150 litres/ annum	To recycler registered with CPCB
26	M/s Nicomet Industries Ltd, Cuncolim Indl Estate	7.2	700-800 tons/ month	To SPCB Authorized Secured landfill
		5.1	1 KL/ annum	To recycler registered with CPCB
27	M/s Cipla Ltd, Plot no. N-5a, Verna Indl Estate	5.1	396 MT/ annum	To recycler registered with CPCB
		5.2	3.6 MT/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd, Taloja for incineration

		34.1	1.8 MT/ annum	To SPCB Authorized Secured landfill
28	M/s Merck Ltd, Usgao	5.1	4 tons	To recycler registered with CPCB
		20.2	52 tons	To recycler registered with CPCB <u>OR</u> Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		28.4	14 tons	To SPCB Authorized Secured landfill
		33.3	5 tons	To be decontaminated, wash water to be treated in ETP or to be returned to supplier
		34.3	13 tons	To SPCB Authorized Secured landfill
		C14/D6	218 tons	To a party having valid authorisation and consent from SPCB or To SPCB Authorized Secured landfill
		D6	10 tons	To a party having valid authorisation and consent from SPCB <u>OR</u> sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		D2	70 tons	To a party having valid authorisation and consent from SPCB <u>OR</u> To SPCB Authorized Secured landfill
		C8	15 tons	To a party having valid authorisation and consent from SPCB <u>OR</u> To SPCB Authorized Secured landfill
			23 tons	
			20 tons	
		C13	82 tons	To a party having valid authorisation and consent from SPCB <u>OR</u> To SPCB Authorized Secured landfill
		28.5	27 tons	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
			16.5 tons	
		28.1	13.8 tons	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration <u>OR</u> To SPCB Authorized Secured landfill
			5.4 tons	
		6.2	7.5 tons	To recycler registered with CPCB
29	M/s Sai Service Station Pvt. Ltd, Porvorim	5.1	10 tons/ month	To recycler registered with CPCB and having valid authorization of SPCB
30	M/s FDC. Ltd, L-121, Verna Indl Estate	5.1	0.6 MT/ annum	To recycler registered with CPCB
		28.1	0.6 MT/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.2	0.3 MT/ annum	To recycler registered with CPCB
		34.3	6.0 MT/ annum	To SPCB Authorized Secured landfill
31	M/s Sayyed Ahmad & Sons, Margao	5.1	300 KL/ annum	Collection, reception & transportation from Goa State to M/s Patel Petro Pvt. Ltd., Plot No. H-4, MIDC Industrial Area, Gokul, Shirgaon, Kolhapur (for recycling)
32	M/s Finolex Cables Ltd, Ponda	5.1	7800 litres/annum	To recycler registered with CPCB
33	M/s Power Grid Co. of India, Colvale	5.1	0.15 KL/ annum	To recycler registered with CPCB
34	M/s Mandovi Hotels Pvt Ltd, Panaji	5.1	50 kg/ annum	To recycler registered with CPCB
35	M/s Cartini India Ltd -Tivim Industrial Estate	5.1	0.025 MT/ annum	To recycler registered with CPCB

36	M/s Shruti Envirocare, Quepem	5.1	2100 kg/ month	Collection, reception & transportation to from Goa State to M/s Deepak & Company, Plot No. B-20, Road No. 16, Wagle Indl Estate, Thane (for recycling)
37	M/s Goa Sponge & Power Ltd., Sanguem	5.1	200-250 litres/ annum	To recycler registered with CPCB
38	M/s Vila Goesa Beach Resort, Calangute	5.1	0.02 MT/ annum	To recycler registered with CPCB
39	M/s Hitek Brass Products Pvt Ltd, Kundaim Indl Est.	B3/ C14	5 MT/ month	To recycler registered with CPCB / To SPCB Authorized Secured landfill
40	M/s Marico Ltd, Ponda	5.1	2 MT/ annum	To recycler registered with CPCB
41	M/s Rukminirama Steel Rollings Pvt. Ltd. (Melting Div.) – Cuncolim Indl Est.	5.1	100 litres/ annum	To recycler registered with CPCB
42	M/s. Ajit Kadnekar Bategal Iron Ore Mine, Quepem	5.1	80 litres/ annum	To recycler registered with CPCB
43	M/s. Precitech Components, Honda Indl Estate	5.1	0.4 KL/ year	To recycler registered with CPCB
		5.2	100 kg/ year	Sent to M/s Mumbai Waste Mgmt. Ltd., Taloja for incineration
		33.3	2 nos./ year	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
44	M/s. Gradient Chemicals Co. Pvt Ltd, Cuncolim Indl Estate	33.3	600 nos./ month	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
45	M/s Elegant Offset Printers, Tivim Indl Estate	5.1	50 litres/ year	To recycler registered with CPCB
		5.2	50 kg/ month	Sent to M/s Mumbai Waste Mgmt. Ltd., Taloja for incineration
		33.3	100 nos./ month	To be washed with solvents for removal of residual ink and decontaminated containers to be recycled. Solvents along with the ink to be re-used.
46	M/s. Smt. Sudha Goundalkar, Nirancal Mine, Ponda	5.1	1000 litres/ annum	To recycler registered with CPCB
47	M/s West Coast Shipyard, Rassaim, Loutolim	5.1	20 litres/ month	To recycler registered with CPCB
		33.3	50 nos./ annum	To recycler registered with CPCB
48	M/s Nigel Shipyard Pvt Ltd, Rassaim, Loutolim	5.1	10 litres/ month	To recycler registered with CPCB
		33.3	40 nos./ annum	To recycler registered with CPCB
49	M/s Pralshar Bio Products Pvt Ltd, Kakoda Indl Est.	5.1	10 litres/ annum	To recycler registered with CPCB
50	M/s Sociedade Sri Mahalaxmi Companhia Mineira Limitada, Macodiatolem Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
51	Shri. Bhanudas Cossombo Canvorzoritambo Motatembo Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
52	M/s Atchuta Velingkar, Vichundrem Mine,	5.1	1000 litres/ annum	To recycler registered with CPCB

	Sanguem			
53	M/s Crishna Mucunda Camotin, Bencremdando & Gadiabandavoril Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
54	M/s Atchuta Velingkar, Sancordem Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
55	M/s Companhia Mineira Progresso Ltda, Marga Fondcul Ou Chicolmolo Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
56	M/s Golden Sands Beach Hotel & Spa Pvt Ltd, Betalbatim	5.1	60 litres/ annum	To recycler registered with CPCB
57	M/s Ion Exchange India Ltd, Verna Indl Estate	5.1	30 litres/ annum	To recycler registered with CPCB
58	M/s Chowgule Industries Pvt Ltd, Navelim	5.1	100 litres/ month	To recycler registered with CPCB
59	M/s Alcon Resort Holdings Ltd, Dona Sylvia, Cavelossim	5.1	100 litres/ annum	To recycler registered with CPCB
60	M/s Ramacanta Velingkar, Corpadega Mine, Sanguem	5.1	1000 litres/ annum	To recycler registered with CPCB
61	M/s Jaisinh Maganlal, Careamol Mine, Quepem	5.1	1000 litres/ annum	To recycler registered with CPCB
62	M/s Caculo Earthmovers, Verna Indl Estate	5.2	3 kg/ month	To be sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
63	M/s Watson Pharma Pvt Ltd, Verna Indl Estate	5.1	300 litres/ month	To recycler registered with CPCB
		28.4	900 kg/ month	To SPCB Authorized Secured landfill OR To be sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		34.3	700 kg/ month	To SPCB Authorized Secured landfill
		28.2	800 kg/ month	To recycler registered with CPCB
64	M/s Meditab Specialities Pvt Ltd, Kundaim Indl Estate	5.1	0.02 MT/ annum	To recycler registered with CPCB
		28.1	0.092 MT/ annum	To SPCB Authorized Secured landfill OR To be sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.4	0.0029 MT/ annum	To SPCB Authorized Secured landfill OR To be sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		34.3	0.006 MT/ annum	To SPCB Authorized Secured landfill
		33.3	14 nos./ annum	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
		34.1	0.04 MT/ annum	To SPCB Authorized Secured landfill
65	M/s Onkar Industries, D3/11, Tuem Indl Estate	5.1	5 litres/ annum	To recycler registered with CPCB

66	M/s Cocomar Resorts Pvt. Ltd, Longuinhas Beach Resort, Colva	5.1	15 litres/ annum	To recycler registered with CPCB
67	M/s Oriental Containers, Kundaim Indl Estate	5.1	800 litres/ annum	To recycler registered with CPCB
68	M/s Sonatapex Pvt Ltd, Corlim Indl Estate	5.1	50 litres/ annum	To recycler registered with CPCB
69	M/s Hindustan Petroleum Corpn Ltd, LPG Bottling Plant, Kundaim Indl Estate	5.1	500 litres/ year	To recycler registered with CPCB
		21.1	120 kg/ year	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		34.3	300 kg/ year	To SPCB Authorized Secured landfill
70	M/s La Calypso Hotels, Calangute	5.1	0.2 MT/ annum	To recycler registered with CPCB
71	M/s Karthik Alloys Ltd, Cuncolim Indl Estate	5.1	300 litres/ annum	To recycler registered with CPCB
72	M/s Timblo Drydocks, Curchorem	5.1	40 litres/ year	To recycler registered with CPCB
		33.3	1-2 nos./ day	To recycler registered with CPCB
73	M/s Mangal Iron Pvt. Ltd, Madkaim Indl Estate	5.1	45 litres/ annum	To recycler registered with CPCB
74	M/s Goa Energy Pvt Ltd, Bicholim	5.1	35 litres/ annum	To recycler registered with CPCB
75	M/s GKB Vision Ltd, Pilerne Indl Estate	5.1	200 litres/ annum	To recycler registered with CPCB
76	M/s Moksha Hotels Pvt Ltd, Anjuna	5.1	10 litres/ month	To recycler registered with CPCB
77	M/s Sunrise EElectromelt, Cuncolim Indl Estate	5.1	300 litres/ month	To recycler registered with CPCB
78	M/s Vergo Pharma Research, Verna Indl Est	5.1	30 litres/ annum	To recycler registered with CPCB
		34.3	60 kg/ annum	To SPCB Authorized Secured landfill
79	M/s Turbocam India Pvt Ltd, Margao Indl Estate	5.1	300 litres/ annum	To recycler registered with CPCB
80	M/s Alcon Developers, 161 & 162, Pissurlem Indl Estate	5.1	400 litres/annum	To recycler registered with CPCB
		5.2	100 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
81	M/s Bandekar Brothers Pvt Ltd, Kottombi	5.1	500 litres/ annum	To recycler registered with CPCB
82	M/s Sreeja Electricals, Verna Indl Estate	5.1	30,000 litres/ annum	To recycler registered with CPCB
		5.2	120 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		3.3	600 litres/annum 56 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
83	M/s IFB Industries Ltd, 62, 64 & 66, Corlim Indl Estate	5.1	20 litres/ annum	To recycler registered with CPCB
84	M/s Asian Magnetic Devices Pvt Ltd, Verna Indl Estate	B-7	300 kg/ month	To recycler registered with CPCB
		B-10	160 kg/ month	To recycler registered with CPCB
		34.3	100 kg/ month	To SPCB Authorized Secured landfill
85	M/s A.W. Faber Castell (India) Pvt Ltd, Corlim	5.1	50 litres/ annum	To recycler registered with CPCB
		5.2	60 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		33.3	50 nos./ annum	To recycler registered with CPCB

86	M/s Automobile Corpn of Goa Ltd, Pressing Unit, Plant III, Bhiumpal	5.1	75 litres/ annum	To recycler registered with CPCB
87	M/s DeSouza Hotels Resorts, Sun Village, Arpora	5.1	0.15 MT/ annum	To recycler registered with CPCB
88	M/s Titan Timeproducts Ltd, Verna Indl Estate	5.1	250 litres/annum	To recycler registered with CPCB
		5.2	150 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		31.1	500 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		31.2	2500 litres/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		33.3	350 nos./ annum	To be decontaminated,wash water to be treated in ETP / to be returned to supplier
		B4	250 kg/ annum	To recycler registered with CPCB
89	M/s Coastal Sports Ventures Pvt Ltd, M.B. Barcolento, Panaji	5.1	240 litres/annum	To recycler registered with CPCB
		3.4	600 litres/ annum	To recycler registered with CPCB OR sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
90	M/s Access Hospitality Management Pvt Ltd, Presa de Goa, Nagoa	5.1	15 litres/ annum	To recycler registered with CPCB
91	M/s Diamond Tool Industries,Kakoda Indl. Est	5.1	200 litres/ annum	To recycler registered with CPCB
92	M/s Mandovi Distilleries & Breweries Pvt. Ltd., Madkaim Industrial Estate.	5.1	70 litres/ annum	To recycler registered with CPCB
93	M/s Betts India Pvt. Ltd., Verna Indl. Est.	5.1	1,500 lts/ annum	To recycler registered with CPCB
		21.1	1000 kg/ annum	Sent to M/s Mumbai Waste Mgmt Ltd. at Taloja for incineration
94	M/s Shatul Engineering Industries, Kakoda Industrial Estate	5.1	200 litres/ annum	To recycler registered with CPCB
95	M/s Wallace Pharmaceuticals Pvt. Ltd., Curti, Ponda	5.1	100 kg/ annum	To recycler registered with CPCB
		5.2	110 kg/ annum	Sent to M/s Mumbai Waste Mgmt Ltd. at Taloja for incineration
		28.4	15 kg/ annum	To SPCB Authorized Secured landfill
		33.3	150 nos./ annum	To be decontaminated,wash water to be treated in ETP / to be returned to supplier
		34.3	100 kg/ annum	To SPCB Authorized Secured landfill
96	M/s Vivajay Brushes, Pilerne Industrial Estate	5.1	0.1 MT/ annum	To recycler registered with CPCB
97	M/s Cartini India Ltd, Madkaim Indl Estate	5.1	0.8 MT/ annum	To recycler registered with CPCB
		34.3	2.4 MT/ annum	To SPCB Authorized Secured landfill
98	M/s Shirodkar Shipyard, Rassaim	5.1	5 litres/ month	To recycler registered with CPCB
99	M/s Auto Care Centre, Sanguem	5.1	500 litres/month	To recycler registered with CPCB
		5.2	5 kg/month	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration.
		33.3	10 nos./ month	Sent to M/s Mumbai Waste Mgmt. Ltd. at

				Taloja for incineration.
100	M/s Salgaocar Mining Industries Pvt. Ltd. (Riverside loading and screening plant at vagus),	5.1	4000 litres/ annum	To recycler registered with CPCB
		35.1	100 kg/annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
101	M/s Caculo Earthmover Pvt. Ltd., Tivim Industrial Estate	5.2	3 kg/ month	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
102	M/s Britacel Silicones, Plot no. 192 F, Kundiam Industrial Estate	5.1	2 Kg/ month	To recycler registered with CPCB
		27.1	2 Kg/ month	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration or To SPCB Authorized Secured landfill
103	M/s Schiffer & Menezes India Pvt. Ltd., Verna Industrial Estate	5.1	20 litres/ annum	To recycler registered with CPCB
		21.1	1050 kg/ month	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
104	M/s Cosme Remedies Ltd., Alto-Betim	5.1	115 litres/annum	To recycler registered with CPCB
		3.3	25 litres/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.1	5 litres/ annum	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration or To SPCB Authorized Secured landfill
105	M/s Blue Ocean Beverages Pvt. Ltd., Margao Ind. Estate	5.1	5 litres/ annum	To recycler registered with CPCB
106	M/s Raffles Square Development Pvt. Ltd., Candolim	5.1	40 litres/ annum	To recycler registered with CPCB
		34.3	10 KL/ annum	To SPCB Authorized Secured landfill
107	M/s V.M.Salgaocar & Bros. Pvt. Ltd. (Goa Marriot Resort), Miramar	5.1	1 KL/ annum	To recycler registered with CPCB
108	M/s Bharat Conductors Pvt. Ltd, Sancoale Indl Est	5.1	500 litres/ annum	To recycler registered with CPCB
109	M/s Duraline India Pvt. Ltd, Verna Indl Estate	5.1	3500 lts/annum	To recycler registered with CPCB
		5.2	0.1 MT/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
110	M/s Excel Enterprises, Verna Indl Estate	33.3	7 nos./ month	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
111	M/s Goa Pet Products, Verna Indl Estate	5.1	10 litres/ month	To recycler registered with CPCB
112	M/s Medispray Labs Pvt Ltd, Kundaim Indl Estate	5.1	100 litres/annum	To recycler registered with CPCB
		28.4	10 kg/ annum	To SPCB Authorized Secured landfill
		33.2	10 kg/ annum	To SPCB Authorized Secured landfill
		33.3	1 no./ annum	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
113	M/s Chowgule & Co Pvt Ltd, Shipbuilding Division, Rassaim	5.1	100 litres/annum	To recycler registered with CPCB
		33.3	1200 tins/annum	To recycler registered with CPCB
		A-5	96 tons/ annum	To SPCB Authorized Secured landfill
114	M/s Elin Electronics Ltd, Verna Indl Estate	5.1	50 litres/ month	To recycler registered with CPCB
		B-10	160 kg/ month	To recycler registered with CPCB
		B-7	300 kg/ month	To recycler registered with CPCB
115	M/s Sai Service Station	5.1	250-300 lts/mth	To recycler registered with CPCB

	Ltd, Mapusa Indl Estate	5.2	5-7 kg/ month	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
116	M/s Ratiopharm India Pvt Ltd, Verna Indl Estate	5.1	100 litres/ month	To recycler registered with CPCB
		28.2	400 kg/ month	To recycler registered with CPCB
		28.3	10 kg/ month	To SPCB Authorized Secured landfill
		28.4	50 kg/ month	To SPCB Authorized Secured landfill
		34.3	125 kg/ month	To SPCB Authorized Secured landfill
117	M/s Nestle India Ltd, Bicholim	5.1	3000 litres/ annum	To recycler registered with CPCB OR Re-use by mixing with FO for boiler
118	M/s Nestle India Ltd, Usgao Indl Estate	5.1	7000 litres/ annum	To recycler registered with CPCB OR Re-use by mixing with FO for boiler
119	M/s Surekleen Services Pvt Ltd, Pilerne Indl Est.	5.1	12 litres/ annum	To recycler registered with CPCB
120	M/s Puma Stationery Pvt Ltd, Corlim	5.1	90 litres/ annum	To recycler registered with CPCB
		33.3	50 nos./ annum	To recycler registered with CPCB
		5.2	100 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
121	M/s Dempo Shipbuilding & Engineering Pvt Ltd, Bandora, Ponda	5.1	100 litres/ annum	To recycler registered with CPCB
		33.3	300 nos./annum	To recycler registered with CPCB
122	M/s Super Services, Cortalim	33.3	120-125 nos./ annum	To recycler registered with CPCB
123	M/s Meta Copper & Alloys Ltd, Zuarinagar	5.1	7 KL/ annum	To recycler registered with CPCB
		6.4	250 MT/ annum	To recycler registered with CPCB
		8.3	2000 MT/annum	To recycler registered with CPCB
		B-3 & C-14	40 MT/ annum	To SPCB Authorized Secured landfill
		5.2	26 MT/ annum	To recycler registered with CPCB OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
124	M/s Special Oils, Dharwad, Karnataka	5.1	200 KL/ annum	Collection, reception & transportation of Hazardous waste from M/s Sesa Goa Ltd., Goa and M/s Reliance Infrastructure Ltd., Goa to Karnataka to Recycle/ Refining used oil by means of technology having Environmentally Sound Mgmt. Facility as approved by CPCB
125	M/s Industrial Esters & Chemicals Pvt. Ltd, Thane	5.1	4500 MT/ annum	Collection, reception & transportation of Hazardous waste from Goa State to Maharashtra to Recycle/ Refining used oil by means of technology having Environmentally Sound Mgmt. Facility as approved by CPCB
		5.2	6000 KLA	Collection, reception & transportation of Hazardous waste from Goa State to Maharashtra to Recycle/ Refining used oil by means of technology having Environmentally Sound Mgmt. Facility as approved by CPCB
126	M/s City Metal Works & Coats, Margao Indl Estate	34.3	50 kg/ annum	To SPCB Authorized Secured landfill

127	M/s Lafarge Aggregates & Concrete India Pvt Ltd, Sancoale, Zuarinagar	5.1	0.05 MT/ annum	To recycler registered with CPCB
128	M/s Lafarge Aggregates & Concrete India Pvt Ltd, Pilerne Indl Estate	5.1	0.05 MT/ annum	To recycler registered with CPCB
129	M/s Praka Engineering, Bicholim	33.3	80-100 nos./ annum	To recycler registered with CPCB
130	M/s Venture Resort Holding, Hotel Vivenda, Calangute	5.1	100 litres/ annum	To recycler registered with CPCB
131	M/s Case de Goa, Calangute	5.1	10 kg/ month	To recycler registered with CPCB
132	M/s V.G. Quenim, Sonshi Mine	5.1	3600 litres/ year	To recycler registered with CPCB
		5.2	1000 kg/ year	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
			52 kg/ year	
133	M/s Goa Medicare Devices Pvt. Ltd, Verna Indl Estate	5.1	1.5 KL/ annum	To recycler registered with CPCB
134	M/s Andrew Telecommunication India Pvt Ltd, Plot No. N-2, Verna Indl Estate	5.1	1000 KL/ annum	To recycler registered with CPCB
		5.2	1000 KL/ annum	To recycler registered with CPCB OR sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		12.1	6000 KL/ annum	To SPCB Authorized Secured landfill
		12.2	5000 KL/ annum	To SPCB Authorized Secured landfill
		12.4	2000 KL/ annum	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		12.5	6000 KL/ annum	To SPCB Authorized Secured landfill
		12.9	100 KL/ annum	To SPCB Authorized Secured landfill
		22.1	4000 kg/ annum	To SPCB Authorized Secured landfill
		22.2	500 kg/ annum	Sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		33.1	1500 KL/ annum	To be sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
		33.3	3000 KL/ annum	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
135	M/s Andrew Telecommunication India Pvt Ltd, Plot No. L58 to 60, Verna Indl Estate	5.1	500 litres/annum	To recycler registered with CPCB
		5.2	500 kg/ annum	To recycler registered with CPCB OR sent to M/s Mumbai waste Mgmt. Ltd., Taloja for incineration
136	M/s Greater Ferromet, Centralised Store & Workshop, BNF & Dry Screening Plant, Santona	5.1	25 MT (Store & workshop)	To recycler registered with CPCB
			1.0 MT (Iron ore BF plant)	
			0.6 MT (dry screening & crushing plant)	
137	M/s V.M. Salgaocar & Bro Pvt Ltd, Sacorda Malpona Mine	5.1	500 litres/annum	To recycler registered with CPCB
		5.2	20 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd (MWML) at Taloja for incineration
138	M/s V.M. Salgaocar & Bro	5.1	1200 Its/ annum	To recycler registered with CPCB

	Pvt Ltd, Sigao Mine	5.2	50 kg/ annum	Sent to M/s Mumbai Waste Mgmt. Ltd (MWML) at Taloja for incineration
139	M/s Lokmat Newspaper Pvt Ltd, Verna Indl Estate	5.1	200 litres/ month	To recycler registered with CPCB
		21.1	250 kg/ month	Sent to M/s Mumbai Waste Mgmt. Ltd (MWML) at Taloja for incineration
140	M/s Macbrout Engineering Pvt Ltd, Margao Indl Est	5.1	120 litres/ annum	To recycler registered with CPCB
141	M/s Palmarina Resorts, Calangute	5.1	0.05 MT/ annum	To recycler registered with CPCB
142	M/s Goenca Resorts Pvt Ltd, Resort Marinha Dourado, Arpora	5.1	50 litres/ annum	To recycler registered with CPCB
143	M/s Chowgule & Co Pvt Ltd, Shipbuilding Division, Rassaim	5.1	50 litres/ annum	To recycler registered with CPCB
		33.3	100 tins/ month	To recycler registered with CPCB
		A-5	10 tons/ month	To SPCB Authorized Secured landfill
144	M/s Plus Lubricants, Maharashtra (Registered Recycler)	5.1	3750 KL/ annum	Collection, reception & transportation of Hazardous waste from M/s Mormugao Port Trust, Goa to Maharashtra to Recycle/ Refining used oil by means of technology having Environmentally Sound Mgmt. Facility as approved by CPCB
		5.2	3750 KL/ annum	Collection, reception & transportation of Hazardous waste from M/s Mormugao Port Trust, Goa to Maharashtra to Recycle/ Refining used oil by means of technology having Environmentally Sound Mgmt. Facility as approved by CPCB
145	M/s Goa Carbon Ltd, Margao	5.1	150 – 400 litres/ annum	To recycler registered with CPCB
		5.2	240 kg/ annum	To be incinerated in the settling chamber of the kiln
146	Ms/ Aventis Pharma Ltd, Verna Indl Estate	5.1	2.0 MT	To recycler registered with CPCB OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		5.2	0.5 MT	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		26.1	0.05 MT	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.1	12 MT	To SPCB Authorized Secured landfill OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.4	12 MT	To SPCB Authorized Secured landfill OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		28.5	5 MT	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		33.3	15,000 Nos.	To be decontaminated, wash water to be treated in ETP / to be returned to supplier
			6 MT	
		34.1	1 MT	To SPCB Authorized Secured landfill OR Sent to M/s Mumbai Waste Mgmt. Ltd. at

				Taloja for incineration
		34.2	0.5 MT	To SPCB Authorized Secured landfill OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		34.3	2 MT	To SPCB Authorized Secured landfill OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
147	M/s Angels Holiday Resort, Porvorim	5.1	30 litres/ annum	To recycler registered with CPCB
148	M/s Denora India Ltd, Kundaim Indl Estate	5.1	260 litres/annum	To recycler registered with CPCB
		34.3	500 kg/ annum	To SPCB Authorized Secured landfill
149	Shri Ajit Kadnekar, Chunimolo Mine, Sanguem	5.1	80 litres/ annum	To recycler registered with CPCB
150	M/s Computer Graphics Ltd, Sancoale Indl Estate	5.1	10 litres/ annum	To recycler registered with CPCB
151	M/s PTI, Advona Toleamati-e-Galiguro Mine, Sanguem	5.1	136 litres/ annum	To recycler registered with CPCB
152	M/s PTI, Bondra Advona Codli Mine, Sanguem	5.1	992 litres/ annum	To recycler registered with CPCB
153	M/s Pravinkumar Gosalia, Shakti Bauxite Mine, Quepem	5.1	50 kg/ annum	To recycler registered with CPCB
154	M/s Ulka Sea Foods, Unit I, Marcela	5.1	100 litres/ month	To recycler registered with CPCB
155	M/s Roz Bal Industries, Bethora Indl Estate	5.1	20 kg/ annum	To recycler registered with CPCB
		34.3	150 kg/ annum	To SPCB Authorized Secured landfill
156	M/s Kunda Gharse, Cudnem Mine, Sanquelim	3.3	171 nos./ year	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
		5.1	2400 litres/ year	To recycler registered with CPCB
		5.2	700 kg/ year	Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration
157	M/s Dempo Shipbuilding & Engg Pvt Ltd, Bainguinim	5.1	300 litres/annum	To recycler registered with CPCB
		33.3	400 nos./annum	To recycler registered with CPCB
158	M/s Vailankani Power Laundry, Chinchinim	34.3	300 kg/ month	To SPCB Authorized Secured landfill
159	M/s Silver Sands Holiday Village, Candolim	5.1	25 litres/ annum	To recycler registered with CPCB
		34.3	25 kg/ annum	To SPCB Authorized Secured landfill
160	M/s V.M. Salgaocar & Brother Pvt. Ltd. Casino BOA SORTE, Panaji	5.1	300 litres/annum	To recycler registered with CPCB
		3.4	100 litres/ month	To recycler registered with CPCB OR Sent to M/s Mumbai Waste Mgmt. Ltd. at Taloja for incineration

Annexure VI

Table 6: STATUS OF BIO-MEDICALWASTE GENERATED DURING THE YEAR 2008-2009

Health Care Facilities (HCF) under Schedule VI of the Rules	Total no. of HCF	Total no. of Beds	No. of CBWTF/ Private agencies	No. of HCF which are utilising CBWTF	No. of HCF having treatment and disposal facilities	No. of HCF applied for Authorisation	No. of HCF granted Authorisation	Total no. of treatment equipment (excluding CBWTF)						Total Qty of BMW generated kg/day	Total Qty of BMW treated kg/day	No. of Health Care Facilities violated BMW Rules	Total no. of Show Cause Notices issued to defaulter HCF
								Incinerator		Autoclave	Microwave	Hydroclave	Shredder				
								With APCD	Without APCD								
A) Hospitals & Nursing homes in town with population of 30 lakhs and above NIL																	
B) Hospitals & Nursing homes in town with population below 30 lakhs:																	
a) with 500 beds and above	1	4271	NIL	NIL	1	234	226	NIL	2	52	1			2437.6847	2437.6847	1	1
b) with 200 beds but less than 500 beds	1																
c) with 50 beds but less than 200 beds	13																
d) with less than 50 beds	216																
C) All other institutions generating bio-medical waste not included in A) and B) 3																	
Total	234	4271	NIL	NIL	1	234	226	NIL	2	52	1			2437.6847	2437.6847	1	1

Annexure VII

Table 7: SYNOPSIS OF MAJOR CASES PENDING IN THE HIGH COURT OF BOMBAY AT GOA.

Sr. no.	Case	Synopsis
1.	V/s State of Goa & Ors. S.M.W.P. no. 02/2007	<p>The matter pertains to Suo Motu cognizance taken by the Hon. High Court of Bombay at Goa with regard to disposal of municipal solid waste, waste generated by Municipalities and Village Panchayats and disposal of bio-medical waste in the State of Goa. Vide the present petition, the Hon. High Court has issued various directions to the Municipalities and Coastal Village Panchayats directing them to take steps to ensure that the disposal of waste generated within their respective jurisdiction is done in an environmentally sound manner and in accordance with the Municipal Solid Waste Rules 2000.</p> <p>The Board has conducted numerous inspections of the waste disposal facilities of the municipalities and Village Panchayats and has submitted reports in this regard to the Hon. High Court. Presently the Court with the assistance of the Board is ensuring that the Municipal Solid Waste and waste generated by Municipalities in the State as also the Village Panchayats is stored and disposed off in an environmentally sound manner till such time as all the Municipalities and Panchayats set up adequate Waste treatment and disposal facilities.</p>
2.	Villagers of Sirigao v/s Sirigao Nagratan Sangattan P.I.L. W.P. no. 01/2008	<p>The present petition was filed by the Villagers of Sirigao alleging that operation of three mining units in the Village of Sirigao, Bicholim, Goa was resulting in environmental pollution of the vicinity and depletion of water resources. The Hon. High Court directed NEERI to conduct a study and to submit a report with regard to measures for mitigation of the alleged pollution and depletion of water resources.</p> <p>NEERI has submitted the said report to the Hon. High Court. The Board also issued directions to the three mining units to comply with certain directions and also various recommendations of NEERI in order to mitigate pollution caused in Sirigao Village due to the operation of the mines. The Board is presently monitoring compliance of the said directions and is periodically informing the Court with regard to the same.</p>
3.	Concerned Citizens of Vasco V/s MPT and Ors. S.M.W.P. no. 08/2001	<p>The present petition was filed by the Citizens of Vasco alleging that coal handling operations at berth nos. 10 and 11 is resulting in serious air pollution in Vasco town. The Court directed NEERI to conduct a study of MPT in order to suggest measures to control pollution as alleged in the petition. NEERI</p>

		<p>conducted the said study and submitted a report. The Board had issued various directions to MPT to comply with certain measures as also the recommendations contained in the report of NEERI. The Board is currently monitoring compliance of these directions and is reporting the same to the Hon. High Court.</p>
4.	<p>Goa Foundation v/s The State of Goa & Ors. W.P. no. 722/2008 and W.P. no. 136/2008</p>	<p>Vide the present Petition, the Goa Foundation has alleged that two mining units located in Sanguem and Quepem Talukas are operating in forest areas and that operation of these mines is resulting in environmental pollution. The Hon. High Court has permitted the mine units to operate in non forest areas and has further directed them not to operate in forest area, until final disposal of the Petition.</p> <p>Presently the Board has conducted inspection of the mine unit that is the subject matter of the W.P. no. 722/2008 and has informed the Court regarding the findings in the same.</p>
5.	<p>V/s State of Goa S.M. W.P no. 01/2005 and MCA no. 526/2010</p>	<p>Vide S.M. Petition no. 01/2005, the Hon. High Court of Bombay at Goa had primarily taken up the issue of shortage of water supply in the State of Goa. During the course of hearing of the Petition, the aspect of Siting of industries on the river banks in the State of Goa was also taken up for discussion / adjudication by the Hon. High Court. The Board has prepared a comprehensive and detailed Environmental Atlas, Zoning Atlas and Guidelines for Siting of industries, for the State of Goa, the same has been recommended to the State Govt. for implementation. This has been reported to the Hon. High Court</p>
7.	<p>Mr. John Pereira V/s State of Goa & Ors. W.P. no. 123/1999</p>	<p>Vide the present Petition the Hon. High Court of Bombay at Goa is considering the issue of dust pollution at Curchorem town due to unloading and unloading activities at the Curchorem railway yard. The Board has conducted a detailed inspection of the railway yard and has submitted certain conclusions and recommendations to contain dust pollution. The Hon. High Court has issued directions for compliance of the same. The Board is monitoring the said compliance and is reporting the same to the Hon. High Court.</p>

Annexure VIII

Table 8: TABLE DETAILS OF NUMBER OF REQUESTS RECEIVED, DISPOSED OFF, REJECTED, FEES COLLECTED, APPEALS REFERRED TO THE FIRST APPELLATE AUTHORITY, OUTCOME OF APPEALS UNDER RTI ACT, 2005 FOR THE THE FINANCIAL YEAR APRIL 2008 TO MARCH 2009

Sr no	Name of the Public Authority	Names/ Designation of the PIO	No. of request made under section 6	No. of request received by PIO	No. of request where the information is provided within statutory period of 30days	No. of request where no decision is communicated	No. of request rejected - quoting the relevant provisions of the RTI Act	Amount of application fees collected	Amount of Charges collected towards the supply of Information	No. of cases in which the information supplied free of cost and no. of pages	No. of first appeals filed	No. of appeals allowed within the time limit by first Appellate Authority	No. of appeals rejected by the first Appellate Authority	No. of appeals where no decision is taken even after the expiry of statutory period
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Goa State Pollution Control Board	Shri. Srinet kothwale (Member Secretary)	173	173	173	-----	2 Company Associates	1460/-	5394/-	1 case 1 CD	6	6	-----	-----

- The members perused and approved the list of applications cleared in the Technical Advisory Committee meetings held during 11/02/09 to 21/04/09.
- The members approved the payment of Rs. 48,538/- towards travel and accommodation to M/s Bhagwathi Ana Labs Ltd., Hyderabad who were appointed by the Board as Consultants for obtaining NABL Accreditation.
- The members approved the purchase of Toxicity Characteristic Leachate Procedure (TCLP) instrument amounting to Rs. 14,68,360.25(inclusive of taxes and the post warranty annual maintenance contract for two years) from M/s Millipore (India) Pvt. Ltd.
- The members approved the extension of extraordinary leave to Shri Pedro Fernandes for a further period of two years i.e., from 01/07/2009 to 30/06/2011 without pay and allowances.
- The members approved the appointment of Ms. Arundathi Shirodkar as Data Entry Operator and Mr. Ankush Kankonkar as Peon on contract basis for a period of one year on a consolidated salary of Rs. 6000/- and Rs. 4000/- per month respectively.
- The members approved the extension of contract period of Mr. Chandrashekar Parab, Driver, Ms. Francisca Auria Lobo, LDC, Mrs. Avina Pereira, SA and Mr. Keshav Naik, SA to a period of one year with one day break every six months with an increased consolidated salary of Rs. 5500/-/month, Rs. 5500/-/month, 8500/-/month and Rs. 8500/-/month respectively. The members also approved increase in the consolidated salary of Mr. Anil Parab, Security Guard of the Board to Rs. 4250/- per month.
- The members approved the appointment of Ms. Edma Fernandes and Ms. Joshna Parab Mahale as Scientific Assistants on contract for a period of one year with one day break every six months on a consolidated salary of Rs. 9000/- per month to be paid from the Board funds.
- The members approved for providing of mobile facilities to Mr. Rajendra Kamat, Executive Engineer, PWD, and pay the monthly for the same from the Board funds.
- The members were informed that the Regional Office at Verna had to be closed down due to poor response and that depending on the response received, the Board would purchase new premises for RO on outright basis. The members approved hiring of premises admeasuring 80 to 100 Sq.mts. in close vicinity of Fatorda Bus Stand, Margao.

3.4.3.3 SPATIAL ENVIRONMENTAL PLANNING PROGRAM (SEPP)

The Central Pollution Control Board sponsored program SEPP was taken up by the Goa State Pollution Control Board in August 2005. The program, although initially catered to siting of industries, was expanded subsequently to cater to siting of industrial estates, compilation of environmental information, environmental improvement of urban areas/mining areas/tourism areas, etc.

The activities under the Program include the following:

4. Preparation of State Environmental Atlas for the State of Goa
5. Revision of Zoning Atlas for Siting of Industries for North Goa and South Goa Districts
6. Preparation of Industrial Siting Guidelines for North Goa and South Goa Districts

All the above three reports have been finalized and the drafts have been approved by the Central Pollution Control Board and Ministry of Defense. The Draft Reports are forwarded to the Survey of India, Dehradun for approval. Further, the reports have to be approved and implemented by the state Government.

Of the total 29 locations, 11 locations, i.e., River Zuari at Cortalim, River Zuari at Panchwadi, River Talpona at Canacona, Salaulim Reservoir at Salaulim, Sanguem, River Mandovi at Panaji, River Mandovi at Tonca-Marcela, River Khandepar at Opa, Ponda, River Madei at Dabose, Valpoi, River Valvanti at Sanquelim, River Assanora at Assanora and River Kalna at Chandel, Pernem are old locations.

The division into three groups is based on the flow pattern, i.e., the surface water locations are to be monitored two times in a year during lean flow condition and high flow condition, the ground water locations are to be monitored once during the year and the old locations are monitored half yearly.