

# Meghalaya State Pollution Control Board

Forests & Environment Government of Meghalaya  
'ARDEN' Lumpyngngad Shillong



## Annual Report

2016-2017

**DRAFT  
ANNUAL  
REPORT FOR  
THE YEAR  
2016-2017**

<b>CHAPTERS</b>	<b>CONTENTS</b>	<b>PAGE NUMBERS</b>
1	Introduction	1
2	Constitution Of The Board & Changes Therein	4
3	Meetings Of The Board With Major Decisions	6
4	Committees Constituted By The Board & Their Activities	30
5	Air Quality Monitoring	33
6	Water Quality Monitoring	45
7	Noise Level Monitoring	56
8	Environmental Awareness	61
9	Present State Of The Environment, Environmental Problems And Counter Measures	66
10	Environmental Training/Administrative Training	69
11	Other Activities Of The Board	71
12	Legal Matters	83
13	Finance & Accounts	92

<b>ANNEXURES</b>		
Annexure-1	Staff Position of the Meghalaya State Pollution Control Board	94
Annexure-2	Organizational Chart	95
Annexure-3	Consent To Establish/Consent To Operate Issued During The Year 2016-2017	96
Annexure-4	Renewal Of Consent To Establish/Consent To Operate Issued During The Year 2016-2017	112

## CHAPTER – 1

### INTRODUCTION

The Government of Meghalaya in the Public Health Engineering Department constituted the State Board for Prevention and Control of Water Pollution on the 16<sup>th</sup> Day of November, 1983 in pursuance of the first environmental legislation of the country, Water (Prevention & Control of Pollution) Act, 1974. Subsequently, the responsibility and enforcement of the Air (Prevention & Control of Pollution) Act, 1981 was entrusted to the Board. The functions of the Board are laid down under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 17 of the Air (Prevention and Control of Pollution) Act, 1981. The State Board for Prevention and Control of Water Pollution, Meghalaya was rechristened as Meghalaya State Pollution Control Board in the year 1988.

Besides the enforcement of the Water Act and the Air Act, the Board is also enforcing the following Acts, Rules and Notifications: -

- 1) The Water (Prevention and Control of Pollution) Cess Act, 1977, and as amended by Amendment Act in 1991 & Amendment Act 2003, and the rules framed thereunder, viz., The Water (Prevention and Control of Pollution) Cess Rules, 1978.
- 2) The Environmental Protection Act, 1986 and the rules framed there under viz.,
  - The Hazardous Waste (Management and Handling) Rules, 1989 as amended in 2016.
  - The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
  - The Manufacture, Use, Import, Export & Storage of Hazardous Micro organism or Cells Rules, 1989.
  - The Environmental Impact Assessment Notification, 2006 and Amendments.
  - The Chemical Accidents (Emergency Planning, Preparedness & Response) Rules, 1996.
  - The Bio-Medical Wastes (Management & Handling) Rules, 1998 as amended in 2016
  - The Recycled Plastics Manufacture and Usage Rules, 1999 as amended in 2016.
  - The Fly Ash Notification, 1999.
  - The Noise Pollution (Regulation and Control) Rules, 2000.
  - The Ozone Depleting substances (Regulation) Rules, 2000.
  - The Municipal Solid Wastes (Management & Handling) Rules, 2000 as amended in 2016.
  - The Batteries (Management & Handling) Rules 2001.
  - The Construction and Demolition Waste Rules, 2016.
  - E-Waste Management Rules, 2016.
- 3) The Public Liability Insurance Act, 1991.

The Board has been functioning with **72 Employees as on 31<sup>st</sup> March 2017** against a sanctioned strength of **123**. The details of Staff Position are given in **Annexure-1**. The Organization Chart of the Board is given in **Annexure-2**.

The Central Office of the Board is located in Shillong. At present, the Board does not have any Regional or District Offices. The Central Office is responsible for framing general policies relating to enforcement of the Acts and Rules including implementation thereof. It also looks after the general administration and coordination with other agencies. Besides, it takes up Public Awareness Programmes on matters relating to environment protection and pollution control. The Central Laboratory is well equipped and carries out analysis of samples of water, waste water, stack emission, ambient air, bacteriological tests etc.

The following are some of the main activities carried out by the Board:-

- (i) Inspection of industries and local bodies.
- (ii) Monitoring the quality of water and wastewater.
- (iii) Monitoring the quality of ambient air and stack emissions.
- (iv) Inspection of sites proposed for setting up of industries to verify the suitability of the same from environmental point of view.
- (v) Water bodies monitoring under National Water Quality Monitoring (NWQM) Programme.
- (vi) Ambient air quality monitoring under National Air Monitoring Programme (NAMP).
- (vii) Offering guidance to industries and local bodies on statutory provisions.
- (viii) Issue of “Consents to Establish” and “Consents to Operate” in respects of industries, mining projects specified developmental projects, municipal bodies and health care facilities etc.
- (ix) Waste Management under E.P. Act:
  - (a) Hazardous Waste Management:
    - Identification of Sources
    - Characterisation & Quantification of Wastes
    - Enforcement of Provisions of the Rules
    - Monitoring of Compliance to Standards
    - Submission of Annual Report to CPCB
  - (b) Bio-Medical Waste Management:
    - Identification of Sources
    - Characterisation & Quantification of Wastes
    - Enforcement of Provisions of the Rules
    - Monitoring of Compliance to Standards
    - Submission of Annual Report to CPCB

(c) Solid Waste Management:

- Identification of Sources
- Characterisation & Quantification of Wastes
- Enforcement of provisions of the Rules
- Monitoring of Compliance to Standards
- Submission of Annual Report to CPCB

(d) Batteries Management

- Identification of Sources
- Characterisation & Quantification of Wastes
- Enforcement of Provisions of the Rules
- Monitoring of Compliance to Standards
- Submission of Annual Report to CPCB

(e) Plastic Management :

- Identification of Sources
- Characterisation & Quantification of Wastes
- Enforcement of Provisions of the Rules
- Monitoring of Compliance to Standards
- Submission of Annual Report to CPCB

(f) Noise Pollution Management :

- Identification of Sources in respect of industries
- Enforcement of Provisions of the Rules in respect of industries
- Monitoring the Compliance of Standards by industries
- Monitoring of ambient noise in Industrial/Commercial/Residential areas

(g) E-Waste Management:

- Inventorization of E-Waste generation
- Enforcement of Provisions of the Rules
- Monitoring of Compliance of the Provision of the Rules
- Submission of Annual Report to CPCB

(h) Construction & Demolition Waste Management:

- Enforcement and Monitoring of the Provision of the Rules
- Submission of Annual Report to CPCB



**CHAPTER -2****CONSTITUTION OF THE BOARD & CHANGES THEREIN**

The State Government nominates the Members of Meghalaya State Pollution Control Board. The Board was constituted under Section 4 of the Water (Prevention & Control of Pollution) Act, 1974 vide Notification No. PHE.161/83/1 Dtd. the 16<sup>th</sup> November, 1983. The last reconstitution was notified vide Notification No. ENV.6/2008/207 Dated the 20<sup>th</sup> November 2014.

The Board consists of 17(Seventeen) Members nominated by the State Government as per provisions laid down in Sub-Section (2) of Section 4 of the Water (Prevention and Control of Pollution) Act 1974. Besides the Chairman and the Member Secretary, there are 5(Five) Official Members representing various State Government Departments, 5(Five) Members representing Local Authorities, 2(Two) Members representing the Co-operatives and Corporations owned, managed or controlled by the State Government and 3(Three) Non-Official Members.

In view of the fact that the administrative control of the Board was transferred to the Forests & Environment Department, the Board's Members was reconstituted as shown in Table 2.1.

Shri C.P. Marak, IFS took charge as the Chairman of the Board w.e.f. 30<sup>th</sup> September 2014 and Shri J.H. Nengnong took charge as the Member Secretary of the Board w.e.f. 15<sup>th</sup> September 2014.

**TABLE – 2.1****List of Members of the Board**

- |  |                    |
|--|--------------------|
| 1. Shri C.P. Marak, IFS Principal Conservator of Forests                 | : Chairman         |
| 2. Shri J.H. Nengnong, Sr. EE<br>Meghalaya State Pollution Control Board | : Member Secretary |

**OFFICIAL MEMBERS**

- |  |          |
|--|----------|
| 3. Chief Conservator of Forests / Conservator of Forests<br>nominated by the Principal Chief Conservator of Forests & HOFF,<br>Meghalaya | : Member |
| 4. Chief Engineer<br>Public Health Engineering, Meghalaya, Shillong <i>or</i> his nominee  | : Member |
| 5. The Director of Industries<br>Meghalaya, Shillong <i>or</i> his nominee   | : Member |
| 6. The Director of Health Services (Research, etc),<br>Meghalaya, Shillong <i>or</i> his nominee   | : Member |

7. The Director, Urban Affairs  
Meghalaya, Shillong *or* his nominee : Member

#### **MEMBERS FROM LOCAL AUTHORITIES**

8. The Chief Executive Member  
Khasi Hills Autonomous District Council *or* his nominee : Member
9. The Chief Executive Member  
Jaintia Hills Autonomous District Council *or* his nominee : Member
10. The Chief Executive Member  
Garo Hills Autonomous District Council *or* his nominee : Member
11. The Chairman  
Shillong Municipality Board *or* his nominee : Member
12. The Chairman  
Tura Municipality Board *or* his nominee : Member

#### **REPRESENTATIVES FROM COMPANIES OR CORPORATIONS**

13. The Managing Director  
Meghalaya Industrial Development Corporation *or* his nominee : Member
14. The Managing Director  
Meghalaya Mineral Development Corporation *or* his nominee : Member

#### **NON-OFFICIAL MEMBERS**

15. Shri Sanggra A. Sangma (M.A., B. Ed, M. Phil)  
Asstt. Professor, Don Bosco College, Tura : Member
16. Dr. W. Papang  
Ex-Director, A.H & Vety. Department : Member  
Meghalaya, Shillong
17. Dr. (Mrs) M.P.R Lyngdoh (MA, PhD) (Retd.) : Member  
Principal, Shillong College, Shillong



## CHAPTER – 3

### MEETING OF THE BOARD WITH MAJOR DECISIONS

#### 1. Major Decisions Taken During The 65<sup>th</sup> Board Meeting Held On The 20<sup>th</sup> June 2016.

##### *3.1.1: Establishment of Regional Office at Tura*

The Board during its 64<sup>th</sup> Meeting resolved to take up the matter of land allotment with the District Administration, West Garo Hills, Meghalaya.

The Board had sent a reminder to the Deputy Commissioner (Revenue), West Garo Hills, Tura vide letter No.MPCB/GEN-45/2016-2017/148, Dated 29/04/2016 with a request to expedite appropriate action to identify suitable plot of GAD land measuring at least 2000 square meters for setting up of its Permanent Regional Office at Tura. A copy of the same has been provided to Shri Sangra A. Sangma, Board Member and response from the Deputy Commissioner (Revenue), Tura is awaited.

Shri S.A. Sangma, Member of the Board informed that he had met the Deputy Commissioner, Tura recently on the matter and the D.C. expressed his difficulty in getting Government land at Tura. However, he suggested that as a temporary arrangement, the Regional Office of MSPCB may be accommodated in the Office Building of the Commissioner of Division, Tura.

After a thorough deliberation, it is resolved that the Board may also explore the land available with other Government's Department who may be willing to part with unutilized portion of their land.

##### *3.1.2: Auditing of the Board's Accounts by a Chartered Accountant*

M/S Toshniwal & Co., Chartered Accountant was appointed by the Govt. for carrying out the statutory Audit for the financial years 2008-09, 2009-10 & 2010-11. The Chartered Accountant has taken up the auditing works and the Reports have not been submitted till date and reminder has been sent to expedite submission of the Reports.

The Board resolved that the matter be followed up vigorously with the auditors.

##### *3.1.3: Non-payment of Water Cess by Local Authorities/Organizations*

It was informed that the matter has been pursued with the GHADC and Shillong Municipal Board for releasing the outstanding amount of water cess with a request to the Deputy Secretary to the Government of Meghalaya, Forests & Environment Department to take up the matter at the Government level. Reminders were also issued vide No.MPCB/WC-2/2016-17/73, Dated 14<sup>th</sup> June 2016 and No.MPCB/WC-2/2016-2017/170, Dated 14<sup>th</sup> June 2016 respectively.

The Board resolved that the matter be pursued with the concerned agencies and as well with the State Government.

**3.1.4: *Inventorisation of Hazardous Wastes in Meghalaya – Setting up of common Treatment, Storage & Disposal facility***

The Board during its 64<sup>th</sup> Meeting resolved to take up the matter with the office of M.I.D.C.

The Board vide letter No.MSPCB/HSM-13/2006 /2016-17/148, Dated 25<sup>th</sup> April 2016 had written to the Managing Director, MIDC, Shillong to intimate the Board about the course of action initiated by the MIDC for setting up of Common Hazardous Waste Treatment, Storage and Disposal Facilities (CHWTSDF). Response from the Managing Director, MIDC, Shillong is awaited.

The Member representing the Director of Commerce and Industries informed that acquisition of land identified for the purpose located near EPIP was under process. The Members endorsed the action initiated by the Government.

The Board appreciated the steps taken by the Commerce & Industries Department in this regard.

**3.1.5: *Amendment of the Meghalaya Water (Prevention & Control of Pollution) Rules, 1996 and the Meghalaya Air (Prevention & Control of Pollution) Rules, 1988***

The Draft Amendment of the Meghalaya Water (Prevention & Control of Pollution) Rules, 1996 and the Meghalaya Air (Prevention & Control of Pollution) Rules, 1988 were still pending approval by the State Government.

The Board decided to wait for the approval of the Government.

**3.1.6: *Proposal for upgradation of posts- Framing of Service Rules***

As per decision of the Board in its 63<sup>rd</sup> Meeting, Shri V.K. Nautiyal, IFS (Retd) was appointed as a Consultant for preparation of the draft organizational structure and draft Service Rules with a Consultant fee of ₹75,000/-. The appointment letter along with the existing draft Rules was furnished to him vide No.MPCB/GEN-23(Pt-I)/2015-16/12, Dated 31<sup>st</sup> August 2015. The Consultant was given 3 (three) months' time to complete the work on acceptance of the appointment. The Consultant has requested for a copy of the Service Rules of MIDC for consultation and the same was furnished on 6<sup>th</sup> October 2015. However, he has conveyed over phone his inability to complete the assignment.

After a thorough deliberation the Board decided that the draft Service Rules shall be prepared by the Office of the Board itself and place the same in the next meeting.

**3.1.7: *Group Gratuity for Board's employees***

The proposal for implementation of Group Gratuity for the Board's employees in accordance to the Provision of the Payment of Gratuity Act, 1972 had been approved during the 55<sup>th</sup> Meeting of the Board held

on 30-11-2011. Accordingly, the proposal had been sent to the Government vide letter No.MPCB/AC-109/2011/04, Dated 14-06-2012 for sanction and approval. With the transfer of the Administrative control from the Public Health Engineering Department to the Forests & Environment Department, the proposal was re-submitted to the competent authority vide letter No.MPCB/AC-109/2011/08, Dated 26-11-2015. It may be mentioned that a reminder had been sent on 21-12-2015 and since then no response was received from the Government in this regard.

It was also informed that most of the senior employees of the Board are on the verge of attaining superannuation within a span of a year or two. In view of the present financial constraint scenario prevailing in the State and so as not to put the Board in any kind of difficulty in disbursement of gratuity, it was proposed that the Board will manage from its own resources in order to proceed ahead with the Group Gratuity Scheme which is an irrevocable Trust Fund managed by the Life Insurance of India (LIC). In this regard, the Board has also approached the Life Insurance Corporation of India (LIC) to re-calculate the Actuarial Valuation Statement as per the pay structure for the month of April 2016. The LIC has submitted the calculation as per the information provided by the Board and the total amount that was required to be invested for implementation of the Scheme is ₹1,29,46,445.00 (Rupees One Crore Twenty Nine Lakhs Forty Six Thousand Four Hundred Forty Five) only which has to be cleared within a period of 2 (two) years as per availability of fund in installment basis and approval of the Board was sought on the matter.

After a thorough deliberation the Board approved the proposal to invest on installment basis as per fund availability.

### ***3.1.8: Utilization of Board's Revenue for contingency expenditure, etc.***

The Board approved the proposal to incur the expenditure of ₹50.00 lakhs from the Board's Resources during the financial year 2015-16 for Office Expenses, Travelling Expenses, Furniture & Fixture, Tools & Plants, Medical Reimbursement Bills, Repair & Maintenance of Vehicles, Insurance of Vehicles, Training/Awareness/ Workshop and Procurement of Chemicals & Glassware, etc. and an expenditure of ₹25.13 lakhs only has been incurred from the Board's Resources during financial year 2015-16.

The proposed expenditure for the financial year 2016-17 was ₹40.00 lakhs to be incurred for Training, Awareness, Workshops, Exhibition Programmes, Medical Re-imbursement Bills including T.A., Repair & Maintenance of Office Building and procurement of Furniture, Fixtures, Computer & Other Expenditures. The above expenditure shall be met from the Board's Fund and placed before the Board for approval.

After thorough deliberation the Board approved the proposal.

### ***3.1.9: Setting up of Continuous Ambient Air Quality Monitoring Station(s) in One Million-plus cities and State Capitals - regarding***

The Addl. Director, CPCB has informed that setting up of CAAQMs in the State capitals was under process. With a view to incorporate the details of stations in the tender documents, details of sites along with site clearances have to be provided by the Board as per format sent by the CPCB. In this connection, the Board

has identified the office of the Silviculture Division, Research & Training, Lower Lachumiere, Shillong for setting up the CAAQM station. Accordingly, permission was sought from the Divisional Forest Officer, Silviculture Division, Research & Training vide letter No.MPCB/TB-69(Pt-VII)/2016-2017/106, Dated 26<sup>th</sup> May, 2016 and response in this regard is awaited.

After thorough deliberation, the Board resolved to pursue the matter expeditiously.

#### ***3.1.10: Inventorisation of the E-waste under the E-waste (Management & Handling) Rules, 2011***

The Board vide letter No.MPCB/AC-136/2015-16/2, Dated 12-08-2016 had sent a proposal to the MoEF&CC seeking financial assistance for carrying out Inventorisation of E-waste in Shillong city. The MoEF&CC vide letter F.No.12-75/2015-HSMD, Dated 03-12-2015 had requested the Board to submit a revised proposal in term of financial and physical estimate to extend the scope of work so as to cover all the major towns in the State of Meghalaya and to identify agencies who were involved in such Inventorisation indicating their expertise. During the Conference of Chairmen & Member Secretaries held on 17<sup>th</sup>-18<sup>th</sup> May, 2016 at the Indian Habitat Centre, the Member Secretary of the Board had requested Shri A. Kumar, Scientist 'E', CPCB to provide guidelines on how to carry out the inventorization. He had requested that a mail may be forwarded to him seeking his assistance. In this regard, a mail was sent to Shri A. Kumar on 7<sup>th</sup> June 2016 and a reply from his end is awaited. The Board's official is pursuing the matter.

The Board noted the initiative taken and stressed that the inventory of E-waste should be done expeditiously.

#### ***3.1.11: Recognition of Laboratory***

Consequent upon the approval of the Board in its 64<sup>th</sup> Meeting held on 5<sup>th</sup> February 2016, an Office Order No.MPCB/ESTT-112/2016-2017/15, Dated 8<sup>th</sup> June 2016 was issued recognizing M/S Envirocon, Digboi Stores Building, New Market, Assam for the purpose of analyzing certain parameters discharged from the industries or any other institutions.

It was also informed that inspection to ABNS, Scientific Services Lab., Guwahati was carried out on 08-06-2016 and the report thereof was placed before the Meeting for perusal and necessary decision.

After a thorough deliberation, the Board decided not to recognise the ABNS Scientific Services Lab, Guwahati as the Lab does not have the requisite facility.

#### ***3.1.12: Proposal for authorizing the Chairman as the Approving Authority for sanction of Medical Advance/Reimbursement***

As per approval of the Board in its 64<sup>th</sup> Meeting held on 05-02-2015, the MSPCB Medical Advance & Reimbursement Regulation has been notified vide Notification No.MPCB/GEN-118/2015/4, Dated 19<sup>th</sup> April 2016. For implementation of the Regulation, an Authorized Physician was required to be appointed on contractual basis whose remuneration and terms and conditions were to be fixed by the Board.

Draft Terms and Conditions for appointment of an authorized physician was placed before the Members for perusal and approval.

After thorough perusal, the Board approved the draft Terms and Conditions for appointment of authorized physician and decided that selection, appointment and fixing of retaining fee of the authorized physician shall be done at the level of the Chairman of the Board.

### ***3.1.13: Proposal for enhancement of pay of contractual employees of the Board***

As per decision of the Board in its 64<sup>th</sup> Board Meeting, the proposed increase of pay for the contractual employees of the Board had been worked out again and placed the same before the Members for perusal and approval.

After a thorough deliberation, the Board approved the proposal and decided to implement the same w.e.f. 1<sup>st</sup> July 2016.

### ***3.1.14: Anomaly in Fixation of Pay in respect of the Post of Establishment Officer, Upper Division Assistant & Lower Division Assistant during implementation of the 4<sup>th</sup> Pay Revision***

The ministerial staff of the Board had submitted a representation in connection with the fixation of pay by the Board on implementation of the 4<sup>th</sup> Pay Commission and pointed out that there had been errors in the fixation process which had not been done according to the scale of pay applicable for which the posts were created and sanctioned by the Board.

It was further explained that the Board during its meeting held on the 16.6.1984 had empowered the Chairman to create the post in the secretariat scale of pay keeping in mind the fact that the Board might not encounter any difficulty in attracting the right and required type of employees for the efficient and effective functioning of the Board and subsequently, the posts were created and sanctioned by the Board vide Office Order No.MPCB/ESTT-18/84-85/251, Dated 17.09.1984 and the same has been approved by the Government vide Letter No.PHE/246/84/55, Dated 06.06.1986.

The details of the sanctioned scale of pay and thereafter fixation of pay on implementation of various pay revisions of the Government till date were placed before the Members for perusal.

After a thorough deliberation, the Board resolved that a retired personnel from Finance & Accounts of the State Government may be engaged to examine the case and give his/her opinion and recommendation to the Board.

### ***3.1.15: Harmonization of classification of industrial sectors under Red/Orange/Green/White categories***

Classification of industries/activities in terms of their pollution potential was categorized by the Board into 4(Four) categories i.e. Red (highly polluting), Orange (moderately polluting), Green (less polluting) and non-polluting vide T.O. letter No.MPCB/TB-816/2002-2003/1, Dated 24-07-2002.

It was further informed that classification of industries was deliberated during the 56<sup>th</sup> Conference of Chairmen & Member Secretaries of CPCB & SPCBs/PCCs held on 31-08-2010 and a working group was constituted to prepare a consolidated list of industrial sectors to bring uniformity in classification of industrial sectors across the country. The criteria developed by the Working Group had been approved by the Central Pollution Control Board and thereafter in its letter No.B-29012/ESS (CPA)/2015-16/8580, Dated 07-03-2016 had directed all the SPCBs/PCCs to adopt the revised criteria of categorization and the same was placed before the Board for perusal and necessary decision.

After a thorough deliberation, the Board adopted the uniform classification of industries for implementation in the State of Meghalaya.

### ***3.1.16: Creation of post in the Legal Branch for strengthening***

The Legal Branch started functioning in the MSPCB since the year 2007 with one Junior Law Officer and with time the work load has been increasing in the branch as under-

#### **1. CASES IN THE COURTS:**

- The Supreme Court – 7 nos.
- The High Court – 5 nos.
- The National Green Tribunal, Principal Bench, Delhi – 18 nos.
- The National Green Tribunal, Eastern Zone Bench, Kolkata – 5 nos.

#### **2. OTHERS FUNCTIONS:**

##### **i. Rules / Acts / legislations like –**

- The Plastic Waste (Management and Handling) Rules, 2016
- The E-Waste (Management) Rules, 2016
- The Hazardous and Other Waste (Management and Trans boundary Movement) Rules, 2016
- The Solid Waste Management Rules, 2016
- The Construction and Demolition Waste Management Rules, 2016
- The Bio-Medical Waste Management Rules, 2016
- The Noise Pollution (Regulation and Control) Rules, 2000 as Amended to date
- The Batteries (Management and Handling) Rules, 2001
- The Water (Prevention & Control of Pollution) Act, 1974
- The Air (Prevention & Control of Pollution) Act, 1981 as Amended to date
- The Environment (Protection) Act, 1986

and their Notifications mutatis mutandis all come under the purview of Legal Branch who need to keep abreast with such legislations.

- ii. In application of the laws – to study and comment/suggest/views on Amendments of existing laws, proposed laws and other linking to the subject of the MSPCB that comes from other Departments of the State Government.



- iii. Assisting the Board with Legal views, legal actions and legal advice.
- iv. Issuing Notices and Directions to concern violators or other government functionaries pertaining to legal function.
- v. Vetting of documents.

As per the Office Memorandum No.ENV.6/2008/PT-I/131, Dated 29<sup>th</sup> January 2016, there was a vacant post of Legal Officer (part-time) which mode of appointment was on contract basis, 10 years practicing lawyers / Advocates with basic pay scale of 20700-620-24420-730-29530-890-36650.

It was therefore proposed that: -

- i. The vacant post of Legal Officer mentioned above may be converted into a full-fledged post as under:

NAME OF THE POST	MODE OF APPOINTMENT	PAY SCALE
Legal Officer	By promotion from the cadre of Junior Law Officer on seniority-cum-merit basis who should have rendered not less than 5 (five years) of continuous service as Junior Law Officer having an L.L.B. Degree from a recognized university	23300-700-27500-830-32480-970-39270

- ii. Creation of the following posts be made: -

NAME OF THE POST	MODE OF APPOINTMENT	PAY SCALE	NO. OF POSTS
Senior Law Officer	By promotion from the cadre of Legal Officer on seniority-cum-merit basis and should have rendered not less than 5 (five years) of continuous service as Legal Officer having an L.L.B. Degree from a recognized university	26700-800-33100-1000-42100	1
Junior Law Officer	By direct recruitment through the Selection Committee of candidates having L.L.B. Degree from a recognized university	17000-470-20290-EB-560-25330-760-33690	1

After a thorough deliberation, the Board approved the proposal for strengthening of the Legal Branch of the Board in order to cope with the ever growing work load.

***3.1.17: Agenda Item No. 4 - Overlapping of Rules/procedures in regulating of Hospitals/Nursing Homes, etc. in Environmental Pollution Control aspects of the 36<sup>th</sup> Meeting of the MSPCB held 15-03-2002***

The Board during its 36<sup>th</sup> Meeting resolved that regulation under Consent procedures of Water and Air Acts will apply to medical establishments/institutions only for their establishments and the Authorization

procedures under BMW Rules shall apply to those Institutions/Units after their establishments and as such, grant of Consent to Operate shall not be required for operation of Medical institutions.

The NGT, Eastern Zone Bench, Kolkata in Application No.42/THC/2014/PB/5/EZ, Environmental Pollution & Health Hazards in the State Vs State of Meghalaya & Ors. and Application No.146/2014/PB/10/2015/EZ, Nababrata Bhattacharjee Vs. State of Meghalaya & Ors. in the latest order Dated 30-05-2016 states that BMW pertains to management of bio-medical waste whereas consent to operate is a wider terminology falling under the Water & Air Act. It further states that it appears that MSPCB was ignorant of the Statutory Provisions.

Also as per Rule 10 of the BMW Rules, 2016, it states that the validity of authorization for bedded health care facilities and operator of common facility shall be synchronized with the validity of the Consent.

It was therefore proposed that the Resolution made during the 36<sup>th</sup> Meeting of the Board may be reviewed in light of the observations of NGT stated above in countermanding the resolution of the 36<sup>th</sup> Meeting and regulating all the Health institutions under consent mechanism as provided under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.

After a thorough deliberation, the Board countermanded the resolution of the 36<sup>th</sup> Meeting on the matter and resolved that consent mechanism shall apply to all Health care Facilities as per categorization made in the uniform classification of industries under Red/Orange/Green/White categories of CPCB.

### ***3.1.18: Proposal for regularization of Adhoc and contractual employees***

During the last few years the Meghalaya State Pollution Control Board had appointed/engaged some staff under Grade-IV category on adhoc/contract basis as required from time to time due to exigency for smooth functioning of the office of the Board in discharging its various activities. The details of the employees were placed before the Board.

It was informed that the Board has a few employees who had served the Board for more than 5 (five) years and some of them have crossed the age limit for applying for Government job. After the notification of recruitment procedure to various posts in the Board by Forests & Environment Department vide O.M.NO.ENV.6/2008/Pt-I/31, Dated 29-01-2016, Grade IV staff are also to be recruited by direct recruitment and as such there is no more scope for temporary, adhoc/contract appointment.

Further, it was stated that in the past such adhoc/contract appointments were regularized by the approval of the Board in its various meetings. It was therefore proposed that their services may be regularized for smooth functioning of the Board's office, and henceforth there will not be any temporary appointment on adhoc or contract basis to regular post in the Board.

After a thorough deliberation, the Board decided to entrust the matter to the Selection Committee of the Board for recruitment to grade B, C & D post to consider regularization of appointment made prior to the Government O.M. quoted above.

## 2. Major Decisions Taken During the 66<sup>th</sup> Meeting of the Board Held On The 7<sup>th</sup> October 2016

The following were the major decisions of the 66<sup>th</sup> meeting of the Board

### 3.2.1: *Establishment of Regional Office at Tura*

The Board vide letter No.MPCB/GEN-45/2016-2017/155, 155, 153 Dated 23<sup>rd</sup> August 2016 had written to the Director of Industries, Soil & Water Conservation Department and PCCF & HOFF respectively to intimate the Board about the unutilized portion of land for establishment of Regional Office of the Board at Tura. The Director of Soil & Water Conservation had informed that no vacant land is available with the Department, whereas the Director of Commerce & Industries vide letter Dated 31<sup>st</sup> August requested the Board to furnish the actual quantum of land required for the purpose. In response, the Board vide letter No.MPCB/GEN-45/2016-2017/158, Dated 19<sup>th</sup> September 2016 informed that the total area of land required was around 2.0 acres and response from the Director of Commerce & Industries is awaited.

The representative of the Director of Commerce & Industries informed that the matter will be taken up by the Land Allotment Committee with the Additional Chief Secretary, i/c Industries as its Chairman.

The Board decided to wait for response from the Committee.

### 3.2.2: *Auditing of the Board's Accounts by a Chartered Accountant*

M/S Toshniwal & Co., Chartered Accountant appointed by the Govt. for carrying out the statutory Audit for the financial years 2008-09, 2009-10 & 2010-11 had taken up the auditing works and submitted the preliminary reports which were being checked by the Accountants of the Board and the final Reports will be submitted by this month which will be placed before the Board in its next Meeting. It was also informed that the Govt. on advice of the CAG had appointed the same Chartered Accountant for auditing the Board's Accounts for the years 2011-2012.

### 3.2.3: *Non-payment of Water Cess by Local Authorities/Organizations*

The Board had sent a statement on the outstanding amount bill and interest of water cess for the billing period from March 1997 to December 2015 and the interest calculated up to 31<sup>st</sup> August 2016 to the Shillong Municipal Board vide letter No.MPCB/WC-20/2016-2017/171, Dated 21<sup>st</sup> September 2016 with a copy to the (i) Deputy Secretary to the Government of Meghalaya, Urban Affairs Department for information with a request to look into the matter and (ii) Under Secretary to the Government of Meghalaya, Forests & Environment Department for favour of information with a request to take up the matter at the Government level. The outstanding amount payable by the Shillong Municipal Board till date is ₹1,00,70,840/- (Rupees One Crore Seventy Thousand Eight Hundred Forty) only.

The Board had also submitted a statement of an outstanding amount of bill of water cess for the billing period from July 1998 to December 2015 and interest calculated up to 31<sup>st</sup> August 2016 to the Secretary, Executive Committee, GHADC, Tura vide letter No.MPCB/WC-2/2016-2017/74, Dated 21<sup>st</sup> September 2016 with a copy to the (i) Deputy Secretary to the Government of Meghalaya, District Council Affairs

Department for information with a request to look into the matter and (ii) Under Secretary to the Government of Meghalaya, Forests & Environment Department for favour of information with a request to take up the matter at the Government level. The District Council Affairs Department has requested the GHADC vide letter No.DCA.2/2015/29, Dated 28-09-2016 to clear the outstanding amount without any further delay. The outstanding amount payable by the GHADC till date is ₹41,07,787/- (Rupees Forty One Lakhs Seven Thousand Seven Hundred Eighty Seven) only.

In reply to the Member's query, the Member Secretary informed that as per Rule, appeals can be made to the Appellate Authority whose Chairman is the Chairman of the Board for waiving of interest.

After a thorough deliberation, the Board resolved to pursue the matter with the respective Administrative Departments and as well as the Shillong Municipal Board & GHADC for early payment of the water cess.

#### ***3.2.4: Amendment of the Meghalaya Water (Prevention & Control of Pollution) Rules, 1996 and the Meghalaya Air (Prevention & Control of Pollution) Rules, 1988***

The Draft Amendment of the Meghalaya Water (Prevention & Control of Pollution) Rules, 1996 and the Meghalaya Air (Prevention & Control of Pollution) Rules, 1988 are still pending approval by the State Government. The draft Amendments contain a proposal under Rule 22 (2) and 13A of the Water and Air Rule respectively, on the qualifications of the posts of Chairman and Member Secretary which is a subject matter in the case of Original Application No. 318/2013, Rajendra Singh Bhandari Vs State of Uttarkhand & Ors. and is pending at the NGT, Principal Bench, New Delhi. The Meghalaya State Pollution Control Board had informed the State Government vide letter No.MPCB/TB/Legal-3/2008/2105-2016/20, Dated 29<sup>th</sup> January, 2016 that the subject matter being sub-judice and requested to wait till the final decision of the NGT. The NGT had disposed off the case vide Judgement Order Dated 24<sup>th</sup> August, 2016 along with some instructions. The Board had forwarded the said Order Dated 24<sup>th</sup> August, 2016 to the State Government for necessary action.

The Board resolved to wait for response from the State Government.

#### ***3.2.5: Annual Report of Meghalaya State Pollution Control Board for the year 2014-15 and 2015-2016***

Compilation of the Annual Reports for the year 2014-15 & 2015-16 was under process. It was also informed that the Annual Reports for the year 2012-13 & 2013-14 approved by the Board in its 65<sup>th</sup> Meeting had been placed before the Meghalaya Legislative Assembly in the Autumn Session.

The Board endorsed the action taken and decided that the Annual Reports for the year 2014-2015 & 2015-2016 should be completed before the next Meeting.

#### ***3.2.6: Proposal for authorizing the Chairman as the Approving Authority for sanction of Medical Advance/Reimbursement***

In pursuance to the Board's decision in its 65<sup>th</sup> Meeting, Dr. B.R. Medhi, MBBS, MD (Med) has been engaged as Authorized Physician in the Meghalaya State Pollution Control Board vide Notification

No.MPCB/GEN-188/2015/7, Dated 23<sup>rd</sup> August, 2016 at a monthly retaining fee of ₹3,000/- p.m. Terms of Agreement to this effect was signed with Dr. B.R. Medhi on 24<sup>th</sup> August 2016. Since action has been taken, it is proposed that the Agenda Item may be dropped.

The Board approved the proposal to drop the Agenda since action has been taken.

***3.2.7: Proposed Action Plan for Prevention & Control of Air Pollution to improve the Ambient Air Quality at EPIP, Byrnihat and Umiam Industrial Estate, Meghalaya***

In pursuance to the decision of the Board in its 65<sup>th</sup> Meeting, a copy of the Action Plan for Prevention & Control of Air Pollution to improve the air quality of EPIP, Byrnihat and Umiam Industrial Estate had been sent to the Director of Commerce & Industries vide No.MPCB/CL-54(Pt-I)/2016-2017/27, Dated 12<sup>th</sup> September, 2016 and Managing Director, MIDC Ltd. vide No.MPCB/CL-54(Pt-I)/2016-2017/28, Dated 12<sup>th</sup> September, 2016 as well as to all the stakeholders in EPIP and Umiam Industrial Estate to take necessary action and accordingly to submit Action Taken Report.

The representative of the Director of Commerce & Industries informed that the Officer i/c of EPIP has been directed to take necessary action as per the Action Plan of the Board.

The Board resolved that the matter be followed up with all the stake holders for implementation of the Action Plan.

***3.2.8: Anomaly in Fixation of Pay in respect of the Post of Establishment Officer, Upper Division Assistant & Lower Division Assistant during implementation of the 4<sup>th</sup> Pay Revision***

Pursuant to the decision of the 65<sup>th</sup> Board Meeting, Shri J.M. Kyndiah, MFS (Retd), Sr. Financial Adviser, Govt. of Meghalaya had been engaged vide No.MPCB/AC-2/2016-2017/180 Dated 2<sup>nd</sup> August, 2016 to examine the anomaly in fixation of pay of some employees of the Board with one-time remuneration of ₹25,000/-. Shri J.M. Kyndiah had submitted his views/comments and recommendations vide letter Dated 12<sup>th</sup> August, 2016. The report/recommendations were placed before the Members for perusal and necessary decision.

After a thorough deliberation, the Board resolved to form a Committee to study the matter and a report thereof to be placed in the next Meeting. The Members of the Committee consisted of the following Members:

1. The Member Secretary
2. The Administrative Officer
3. The Junior Accountant

***3.2.9: Proposal for regularization of Adhoc and contractual employees***

In pursuance to the decision of the 65<sup>th</sup> Board Meeting, the Selection Committee for Grade 'B' 'C' & 'D' posts of the Board was held on 12<sup>th</sup> September, 2016. The Committee after proper scrutiny of the proposal

found that the incumbents are eligible for regularization and resolved to recommend the matter to the Board for consideration and final decision.

The Board resolved to regularize the service of the incumbents eligible for regularization as recommended by the Selection Committee w.e.f. the date they joined their respective posts on regular scale of pay without any break in service.

### ***3.2.10: Confirmation of regular employees of the Meghalaya State Pollution Control Board***

The recruitment process in the Meghalaya State Pollution Control Board is being carried out by the Selection Committee of the Board as mentioned in the Office Memorandum notified by the Government. Since the inception of the Board, the services of all regular employees have never been confirmed as per procedures of the Government. Further, it may be mentioned that some of the employees of the Board had already retired without confirmation of their services. It was also informed that as per Office Memorandum Dated 25<sup>th</sup> April 1985 issued by the Personnel & A.R. (A) Department, where Service Rules have not been finalized by the Administrative Department, the Government employees may be confirmed against a permanent post to which he/she is appointed subject to the following conditions: -

1. that he/she has completed the period of probation to the satisfaction of the Appointing Authority
2. that he/she has served not less than one year in the post where he is to be confirmed if he is not placed on probation
3. that he/she has passed the Departmental examination completely and has successfully undergone the training courses as may be prescribed by the Appointing Authority
4. that there is a permanent vacancy for such confirmation and that no officer holds a lien on it
5. that the performance of the employee is satisfactory
6. that the employee is medically fit for confirmation
7. that there is no departmental proceeding/vigilance enquiry against him/her

The matter was placed before the Board for views, suggestions and comments.

After a thorough deliberation, the Board resolved that the office should prepare an eligibility list of all employees of the Board fulfilling the criteria as spelt out in the Office Memorandum issued by the Personnel & A.R. (A) Department and place the same in the next Meeting for further action and decision.

### ***3.2.11: Revised criteria & guidelines for siting of Brick/Lime Kilns***

The Board in its 29<sup>th</sup> Meeting had adopted the norms/criteria for siting of Brick/Lime Kilns vide letter No.MPCB/TB-153/1999-2000/69, Dated 04.02.2000. It was also informed that a representation from the All Garo Hills Bricks Association was received stating that the present siting norms of the Board was not feasible since the brick kilns were dependent on availability of clay as raw material as there were very limited land available which can fulfill these conditions and had requested for relaxation of the siting norms.



A comparison of siting norms as followed by Meghalaya State Pollution Control Board and Assam Pollution Control Board is given below:

<i>Sl. No.</i>	<i>Siting Norms</i>	<i>MSPCB</i>	<i>PCB Assam</i>
1.	Main Road (PWD Road)	500 m ( for clusters) 200m (for single unit)	Not specified
2.	Outer limit of any village/town settlement	1 KM (for clusters) 500m (for single unit)	1. 300 m (from residential area having a minimum population of 100-150 people or 20 houses including both kachcha/thatched and pucca houses)  2. 500m from a residential area having a population more than 150 or more than 20 houses including both kachcha/thatched and pucca houses
3.	Important public places, hospitals, tourist spots, etc	2 KM (for clusters) 1 KM (for single unit)	500 M.  1.0 km in notified sensitive areas like Zoo, wild life sanctuary, historic monuments, museum etc.
4.	Major/river/lake	100 m ( for clusters) 50 m (for single unit)	500 M
5.	Minimum distance between two adjacent units	400 m ( for clusters) 100m (for single unit)	500 M

Proposed new Siting Norms for Brick/Lime Kilns are given below:

<i>Sl. No.</i>	<i>Siting Norms</i>	<i>MSPCB</i>
1.	Main Road (PWD Road)	50 m (for clusters & single unit)
2.	Outer limit of any village/town settlement	500 m (for clusters) 300 m (for single unit)
3.	Important public places, hospitals, tourist spots, etc	500 m (for clusters & single unit)
4.	Major /river/lake	100 m ( for clusters) 50 m (for single unit)
5.	Minimum distance between two adjacent units	400 m ( for clusters) 100 m (for single unit)

The matter was placed before the Board for necessary discussion and approval.

During the course of discussion, it was informed that raw materials for brick kilns were available only in the plains of Garo Hills. Apart from Consent to Establish from MSPCB, the project proponents have to also obtain Clearances from the Forests Department, Agriculture as well as from the local Nokma.

After a thorough deliberation, the Board approved the new Siting Norms for Brick/Lime Kilns.

**3.2.12: Filling up of vacant posts by direct recruitment**

The Engineering section of the Board is discharging the works as warranted in the Consent Management i.e. granting Consent to Establish and Consent to Operate, Authorization under Bio-Medical Waste Handling Rules for Health Care units, Authorization for Manufacture, Import & Storage of Hazardous Waste, Registration under the Plastic Manufacture, Sale & Usage Rules, Authorization for Treatment & Disposal of Municipal Solid Waste under the Municipal Solid Waste (Management & Handling) Rules, which also include the activities under the E-Waste (Management & Handling) Rules and the Batteries (Management & Handling) Rules.

There were about 900 industrial units that had been granted Consent & Authorization by the Board and these units need to be inspected and monitored regularly to verify compliance to the terms and conditions of the Consent Order. Apart from these works, other related activities were Civil works, Mass Awareness Programmes, Annual updating of information, Implementation of Board's decisions and Resolutions of the Conference of Pollution Control Boards, filing of monthly/quarterly reports on Supreme Court orders, and carrying out NGT Orders. Presently, the Technical/Engineering section is manned by 1 (one) Senior Environmental Engineer who is holding additional charge of the post of the Member Secretary, 2 (two) Environmental Engineers, 4 (four) Asstt. Environmental Engineers and 1 (one) Junior Environmental Engineer. Considering the quantum of work which has to be performed across the State in the 11 Districts, it was an impossible task, whereby it had affected the delivery of the functions of the Engineering section. Thereby, there was an immediate need to increase the manpower in the Engineering section to enable to give equal reach to all the Districts in the State.

The Board's laboratory is regularly monitoring the water quality of 54 monitoring stations covering 31 water bodies in the State under National Water Monitoring Programme (NWMP). Out of these, 47 stations are surface water which are monitored on a monthly and half-yearly basis. For 7 stations underground water, CPCB is providing payment towards monitoring and charges for sample collection, preservation, contingency and analysis only. The staff also analyzes the industrial waste water collected from water polluting industrial located in the State, extending support to other Government Departments, private organizations, and research organization. A total of 30 nos. of samples/day was received from PHED and other organizations which were analyzed in the Board's laboratory. Inspection & monitoring of water samples under NGT, etc. were also carried by the laboratory staff. The present strength of the laboratory is only 11 (eleven) and with the increase no. of stations from 13 to 54, it is difficult on the part of the laboratory to carry out the analysis work. Besides, the existing staff also performs other activities of the Board. In view of the shortage of scientific manpower, monitoring could be carried out only for highly polluting industries under Red category. Consequently, the efficiency of monitoring industrial pollution was relatively low. As such, it is highly essential to strengthen the scientific manpower for effective functioning of the monitoring programme. At present, only two scientific staff had been engaged for the programme. At present, all the monitoring activities are carried out by the Board through its central laboratory at Shillong. In this aspect, it was difficult on the part of the laboratory to initiate and accelerate more activities due to shortage of manpower and as such, there was an urgent need for additional manpower. In view of the shortage of staff for carrying out the environmental monitoring & assessment work under different programmes, the smooth

functioning of various activities was greatly hampered. Hence, it is proposed to fill up the vacancy available in the Board's laboratory.

Side by side, there is also a need to increase the manpower in the Administration who will be placed in the different branches of the Board to assist the officers.

The following are the posts proposed to be filled along with and no. of vacancy: -

<b>TECHNICAL/ENGINEERING BRANCH</b>			
<i>Sl. No.</i>	<i>Name of post</i>	<i>No. of vacancy</i>	<i>No. of post proposed to be filled up</i>
1.	Asstt. Environmental Engineer	1 no.	1
<b>SCIENTIFIC BRANCH</b>			
1.	Jr. Scientific Assistant – II	1 no.	1
2.	Laboratory Assistant	1 no.	1
3.	Sample Collector	7 nos.	7
4.	Laboratory Attendant	2 nos.	2
<b>ADMINISTRATION</b>			
1.	L.D.A	9 nos.	5
2.	Peon	4 nos.	4

The matter was placed before the Board for consideration and approval.

In reply to the Member's query, the Member Secretary informed that the Government had advised that recruitment to vacant posts may be made on priority basis and increase in fund required for filling up the vacant posts will be projected in the Budget of 2017-2018.

After a thorough deliberation, the Board approved the proposal to fill up the vacant posts and resolved that the Government may be moved for fund.

### **3.2.13: Regularization of service of Junior Accountant**

Shri B. Kar presently working as Junior Accountant was appointed temporarily as Sample Collector on adhoc basis on a consolidated pay of ₹750/- p.m. during 1988. He joined the post on 07-09-1988 and his service was extended from time to time till June 1990. Then during January 1991 he was temporarily placed as Cashier in the Accounts Branch vide No.MPCB/Estt-73/90-91/13, Dated 09-01-1991. He was then allowed to draw the scale of pay of the Accounts Assistant-cum-Cashier during 1994 vide No.MPCB/Estt-73/94-95/24, Dated 31-08-1994. During 2005, due to health problems, he was relieved from his duty as Cashier and was directed to work as an LDA-cum-Typist. In 2006, he was temporarily allowed to officiate as Junior Accountant vide No.MPCB/Estt-73/2005-2006/122, Dated 10-02-2006 till date. Shri B. Kar is well versed with works in the Accounts Branch and in the interest of the Board's functions, it was proposed that his service as Junior Accountant be regularized w.e.f. the date of officiating the post. The matter was placed before the Members for consideration and necessary decision.

The Board resolved to offer the post of Junior Accountant to Shri B. Kar and if he is willing, he will be placed in the Accounts Branch. However, if the incumbent is not willing, the matter may be brought back to the Board in its next Meeting.

### **3.2.14: Proposal for recruitment of Junior Research fellow in MSPCB laboratory on contract basis**

The Central laboratory of MSPCB is carrying out National Water Quality Monitoring Program (NWMP) and Air Quality Monitoring Program (NAMP) including regular sampling, analysis and data reporting. Also monitoring of industrial effluent and emission, analysis pertaining to Court cases, etc. are being carried out by this laboratory. In addition to the above, a large number of samples were being received by this laboratory to get them analyzed within a stipulated time. In few occasions, on receiving large number of samples, it was difficult to complete all the analysis within the stipulated time as recommended by the standard method. The Board had taken up special project to evaluate the adverse impact of mining activities on River Lunar & Lukha, implementation of cleaner production in cement industries, East Jaintia Hills District. This project needs assistance in compilation of information/data as per the guidance of Dr. D.P. Mukhopadhyay. This laboratory has developed Quality management system in accordance with ISO/IEC 17025 (2005) /NABL criteria. Though Dr. D.P. Mukhopadhyay had prepared the quality manual, management system procedure, formats, method, standard operating procedure and so on and provided necessary guidance for implementation of the system but all the laboratory personnel were deeply involved in management of file, analysis register, filled in the formats, preparation of file, maintenance of equipments, relevant record of samples receiving, work allotment, test report preparation and so on. All the laboratory personnel put their tremendous effort to develop and maintain quality management system. Due to their sincere efforts, our pre-assessment was done successfully. But for maintaining and for continual improvement of laboratory management system, they were facing difficulties due to shortage of laboratory personnel because all the lab personnel were engaged in analysis of samples and thereby they were unable to maintain the register, QA/QC protocols, maintenance of equipment, maintenance of file, etc. in accordance with ISO/IEC 17025/NABL criteria.

In this context, it is proposed to recruit the following post for smooth functioning of the laboratory as per details below: -

Name of post	Junior Research Fellow (JRF)	Chargeable Head
No. of post proposed	1 (one) no. in Chemistry	National Water Quality Monitoring Programme (NWMP) scheme – CPCB sponsored Programme
Type of appointment	Contract basis initially for a period of one year extendable as per requirement	
Monthly emolument	₹18,000/- + TA/DA as per rules	
Age limit	28 years and 5 years relaxable for ST/SC/OBC	
Qualification	Post graduate degree in Chemistry from recognized institution	
Mode of selection	Walk-in Interview	
Place of posting	MSPCB laboratory, Shillong	
Financial implications	Salary: ₹18,000/- per month ₹2,16,000/- per annum	

The matter was placed before the Board for consideration and necessary decision.

The Board approved the proposal to appoint a Junior Research Fellow on contract basis for a period of one year.

### ***3.2.15: Exchange of old vehicles with new vehicles***

It was informed that vehicles in the Board which have outlived their utility need to be replaced. The process of condemnation of vehicles as per Govt. procedure is time-consuming. To get good value for the vehicles, to get a choice of vehicle and to save time, it was proposed that the old vehicles of the Board such as the Maruti Van purchased in 1998 and the TATA Indica purchased in 2004 may be replaced on exchange basis. In this regard, there were authorized car dealers offering exchange for the vehicles that need to be replaced/condemned with new ones which was more beneficial for the Board. The matter was placed before the Board for necessary decision.

In reply to the Member's query, it was informed that resale value of the Maruti Van was around 80,000-90,000/- and the Indica was around 30,000-40,000/-. It was also informed that it was proposed that the old vehicles may be replaced by Maruti Eco at a price of ₹3.65 lakhs each and the fund will be met from the Board's Revenue under consent management.

After a thorough deliberation, the Board approved the proposal to adopt the exchange mechanism for replacement of old vehicles of the Board and also approved the proposal for replacement of the 2(two) old vehicles through exchange process.

### ***3.2.16: Regularization of service of temporary appointee***

Smti A.M. Tariang Pajat, Stenographer of the Board had submitted a petition relating to the subject of counting of the period of officiating appointment or on adhoc appointment towards leave, increment, etc. It may be mentioned that Smti A.M. Tariang Pajat had joined the Board as Stenographer Gr. II on adhoc basis on 15-06-1999 in the scale of pay of ₹4900-13-5680-EB-140-6800-150-8300 vide Notification No.MPCB/ESTT-154/1999-2000/14, Dated 10-06-1999 and on recommendation of the Selection Committee, Meghalaya State Pollution Control Board, her service had been regularized vide Notification No.MPCB/ESTT-154/2004-2005/58, Dated 25-05-2004. Since the date of her adhoc appointment she was not granted Increment, Earned Leave, Maternity Leave or any other Leave other than Casual Leave and that only after her service had been regularized, she has been granted Leave and Increment as applicable to all regular employees of the Board. Referring to letter No.PER(AR)193/78/160, Dated 20<sup>th</sup> November, 1981 which was issued by the Personnel & Administrative Reforms (B) Department, she had written a representation vide letter Dated 30<sup>th</sup> October 2012 and till date no communication was received for settlement of the matter. Since the inception of the Board, most of the employees who have either been appointed on consolidated pay or on a time scale as the case may be, Service Books and Leave records were maintained right from the date of joining the posts. Further, Leave records were also maintained for some employees who joined the Board only recently on adhoc basis. However, the same procedure has not been

followed in the case of the petitioner. In this regard, she had requested that the matter may kindly be examined and necessary action may be taken to enable the incumbent to enjoy the same facilities extended to her colleagues as per Rules applicable. The matter was placed before the Board for consideration and necessary decision.

After a thorough deliberation, the Board's Members desired that the details of appointment and regularization in respect of those employees whose entry in the Board was through casual/contract appointment on consolidated/fixed pay and adhoc appointment on regular scale of pay were required to be prepared and place before the Board in the next Meeting so that appropriate decision can be taken by the Board.

### **3. Major Decisions Taken During the 67<sup>th</sup> Meeting of the Board Held On The 16<sup>th</sup> February 2017**

The following were the major decisions of the 67<sup>th</sup> meeting of the Board

#### ***3.3.1: Establishment of Regional Office at Tura***

It was informed that the matter was taken up by the Land Allotment Committee of the Directorate of Commerce & Industries under the chair of Addl. Chief Secretary, Commerce & Industries Department and the meeting was held on 21<sup>st</sup> December 2016, Minutes of which is yet to be received.

The Board resolved to wait for the Minutes from the Commerce & Industries Department.

#### ***3.3.2: Auditing of the Board's Accounts by a Chartered Accountant***

M/S Toshniwal & Co., Chartered Accountant appointed by the Govt. for carrying out the statutory Audit for the financial years 2008-09, 2009-10 & 2010-11 had taken up the auditing works for the years 2008-09 & 2009-10 but the Reports are yet to be submitted despite reminders being sent to expedite submission of the Reports. However, auditing works for the year 2010-11 is yet to be carried out by the same auditor.

The Member Secretary added that the Chartered Accountant had been reminded to submit the final Reports. He also informed that the Government had appointed Shruti Pradhan & Associates to carry out auditing works of the Board for the year 2012-2013 but the works can commence only after the Audit Reports of the financial years 2008-09, 2009-10, 2010-11 & 2011-12 have been submitted. However, the Government has yet to appoint the Auditor for the year 2011-12.

After a thorough deliberation, the Board decided that M/S Toshniwal & Company should be asked to complete and submit the Audit Reports for the years 2008-09 up to 2010-11 immediately. In regard of appointment of auditor for the year 2011-12, the matter be taken up with the State Government.

#### ***3.3.3: Non-payment of Water Cess by Local Authorities/Organizations***

##### ***Shillong Municipal Board:***

The Board vide letter No.MPCB/WC-20/2016-2017/171, Dated Shillong, the 21<sup>st</sup> September, 2016 had sent a statement on outstanding cess bills and interests to the Chief Executive Officer of Shillong Municipal



Board, Shillong payable by the Shillong Municipal Board for the period from March 1997 to December 2015 (interest up to 31-08-2016) amounting to ₹1,00,70,840/- (Rupees One Crore Seventy Thousand Eight Hundred Forty) with a copy to the Under Secretary to the Govt. of Meghalaya, Forests & Environment Department with a request to take up the matter at the Government level and to the Deputy Secretary to the Government of Meghalaya, Urban Affairs Department for information and necessary action. In the light of above statement, the Joint Secretary to the Government of Meghalaya, Forests & Environment Department has taken up the matter with the Additional Chief Secretary to the Government of Meghalaya, Urban Affairs Department vide their letter No.ENV.6/95/Pt.I/291, Dated 19<sup>th</sup> October, 2016. However, the Shillong Municipal Board has not made the said payment of the outstanding dues till date.

*Garó Hills Autonomous District Council:*

The Board vide letter No.MPCB/WC-2/2016-2017/74, Dated Shillong, the 21<sup>st</sup> September, 2016 had sent a statement on outstanding cess bills and interests to the Secretary, Executive Committee, Garó Hills Autonomous District Council, Tura payable by the Garó Hills Autonomous District Council, Tura for the period from July 1998 up to December 2015 (Interest up to 31-08-2016) amounting to ₹41,07,787/- (Rupees Forty One Lakhs Seven Thousand Seven Hundred Eighty Seven) only along with a copy to the Deputy Secretary to the Government of Meghalaya, Forests & Environment Department with a request to take up the matter at the Government level and to the Deputy Secretary to the Government of Meghalaya, District Council Affairs Department for information and necessary action. The Under Secretary to the Government of Meghalaya, District Council Affairs Department had taken up the matter with the Secretary, Garó Hills Autonomous District Council, Tura vide their letter No.DAC.2/2015/29, Dated 28<sup>th</sup> September, 2016. However, the Garó Hills Autonomous District Council has not made the said payment of the outstanding dues till date.

In view of the above, the Board, vide letter No.MPCB/WC-2/2016-2017/177, Dated 8<sup>th</sup> February, 2017 had sent a reminder for payment of outstanding water cess bills and interest with a copy to the Joint Secretary to the Government of Meghalaya, Forests & Environment Department to take up the matter at the government level and to the Deputy Secretary to the Government of Meghalaya, Urban Affairs Department for information and necessary action.

The Chairman added that since not even part payment has been made, the arrears have accumulated.

The Board resolved that the matter should be followed up by the Board's office and intimate the Board as and when the dues are realized from the concerned organizations.

**3.3.4: *Inventorisation of Hazardous Wastes in Meghalaya – Setting up of common Treatment, Storage & Disposal facility***

The Director of Commerce & Industries had requested MSPCB to furnish the list of documents required for applying Environmental Clearance to the Ministry of Environment, Forests & Climate Change in respect of the proposed project for setting up a Common Hazardous Waste Treatment, Storage & Disposal Facility vide letter No.M/Dind/Genl/28/2009/761, Dated 29<sup>th</sup> November, 2016. In reply to the query, MSPCB informed

the Director of Commerce & Industries that the list of documents for applying Environmental Clearance for setting up a Common Hazardous Waste Treatment, Storage & Disposal Facility can be obtained from the office of the Ministry of Environment, Forests & Climate Change, Regional Office (NEZ), Law-u-Sib, Lumbatngen, Near MTC Workshop, Shillong, Meghalaya and also from the website of the Ministry of Environment, Forests & Climate Change i.e. <http://envfor.nic.in> vide letter No.MPCB/HSM-13(2006)/2016-2017/154, Dated 5<sup>th</sup> January, 2017.

The Board decided that the establishment of the Common Treatment, Storage & Disposal Facility (TSDF) of Hazardous Waste should be expedited since as per the new Solid Waste (Management & Handling) Rules 2016, the domestic hazardous waste needs to be disposed in TSDF only.

### ***3.3.5: Annual Report of Meghalaya State Pollution Control Board for the year 2014-15 and 2015-2016***

The Annual Report of the Meghalaya State Pollution Control Board for the year 2014-15 and 2015-16 had been prepared and placed before the Board for approval.

The Members resolved that they will go through the Reports and discuss in the next Board Meeting.

### ***3.3.6: Proposed Action Plan for Prevention & Control of Air Pollution to improve the Ambient Air Quality at EPIP, Byrnihat and Umiam Industrial Estate, Meghalaya***

Some stakeholders have submitted action taken report with regard to action plan to improve the Ambient Air Quality in EPIP and Umiam Industrial Estate which are indicated below: -

1. M/S RNB Cements (P) Ltd.
2. M/S Godrej Consumer Products Ltd.
3. M/S MJ Breweries Private Ltd.
4. M/S S.D. Ceramics LLP
5. M/S Brahmaputra Wire Products
6. M/S Jaintia Ferro Alloys Limited
7. M/S Maithan Alloys Ltd.
8. M/S Shyam Foods
9. M/S NTL Steels
10. M/S Pawan Castings (Meghalaya) Pvt. Ltd.
11. M/S Meghalaya Cast & Alloys Pvt. Ltd.
12. M/S Domina Pathaw Sawmill
13. M/S Timpack Private Ltd.
14. M/s Shyam Century Ferrous Ltd.
15. M/S Byrnihat Oxygen (P) Ltd.

In reply to the Chairman's query, the Senior Scientist informed that the main pollutant was particulated matter for which at present, the Board is monitoring for 10 microns and proposes to monitor for 2.5 microns which will require upgrading the monitoring stations.

The Member Secretary informed that apart from installing pollution control devices, to control the fugitive emissions, the industries used water spraying system and stored the raw materials in enclosed sheds.

The Board endorsed the actions taken by the office of the Board.

### ***3.3.7: Anomaly in Fixation of Pay in respect of the Post of Establishment Officer, Upper Division Assistant & Lower Division Assistant during implementation of the 4<sup>th</sup> Pay Revision***

A Committee was constituted as per the Board's resolution for examining the report of Shri J.M. Kyndiah, MFS on anomaly of pay scale of E.O., U.D.A and L.D.A consisting of the Member Secretary, the Administrative Officer and the Junior Accountant and its meeting was held on 10<sup>th</sup> November, 2016. The observations made by the Committee are as given under: -

*Scale of pay of E.O: -*

The report submitted by Shri J.M. Kyndiah, MFS (Retd) Sr. F.A pointed out that there was a jumped of the scale of pay of the post with reference to the corresponding scale approved in the original creation of the post. This quantum jumped appears to have been made without appropriate explanation or justification but on the pretext that the post is equivalent to the post of the Superintendent in the Meghalaya Secretariat Service which carries the scale of pay of ₹5900-190-704-EB-200-8640-225-10440/-.

On perusal of the records available, it was observed that the matter had actually been taken up by the Board in its 45<sup>th</sup> Board meeting held on 5<sup>th</sup> October 2005 where in it was informed that the post of E.O. was originally created in September 1984 in the Pay Scale of ₹700-35-875-EB-35-1225/- which was later revised to ₹1750-55-2025-EB-65-2480-75-3230/- and then to ₹5300-150-6200-EB-160-7480-170-9180/- p.m. as per the 3<sup>rd</sup> Pay Commission. However, the pay Scale of E.O. fixed in the O.M. was issued by the Government vide letter No.PHE.181/2001/Pt.15, Dated 23.09.2004 which was ₹5900-190-7040-EB-200-10440/- instead of ₹5300-150-6200-EB-160-7480-170-9180/- and as such the rank and pay scale of the Establishment Officer is the same as that of the Superintendent. Accordingly, it was proposed that the corrected Pay Scale of E.O. as per O.M be implemented and the pay be made in accordance with the corrected scale. The members approved the proposal subject to clarification from the Finance Department with regard to the effective period for grant of corrected pay scale to the present incumbent.

The 47<sup>th</sup> Board Meeting held on 17<sup>th</sup> November 2016 decided that since approval of the Finance Department was not required for fixing the pay of any employee of the Board appointed/ promoted to the sanctioned post having specific scale of pay, seeking clarification from the Finance Department in this matter may not be necessary. Accordingly, necessary action for correction of the pay scale of Establishment Officer had been taken on the basis of the aforementioned Notifications (ROP 1996 & OM 2004) and the pay of the post was fixed at ₹5900-190-704-EB-200-8640-225-10440). The Members endorsed the agenda item.

In view of the above observations, it was opined that the scale of pay of the Establishment Officer shall have to be refixed in the corresponding scale pay of ₹18300-500-21800-EB-650-27000-810-35100/- of ROP 2007.

*Scale pay of U.D.A & L.D.A:*

Regarding fixation of pay of the post of UDA and LDA, the Committee found that the following recommendation of the Sr. F.A. to refix the pay of both UDAs and LDAs in the same corresponding scale of pay applicable to the UDA and LDA in the Meghalaya Secretariat Service as originally sanctioned was justified.

Upper Division Assistant in the scale of pay of ₹14100-350-16550-EB-460-20690-620-27510/- instead of the scale of ₹13100-330-15410-EB-420-19190-580-25570/- applicable for UDA in the Head of Department fixed earlier.

Lower Division Assistant in the scale of ₹11300-280-13260-EB-360-16500-500-22000/- instead of the scale of ₹9900-250-11650-EB-320-14530-440-19370/- applicable for LDA in the head of department fixed earlier. (Since there was no material deviation in the fixation of pay in the previous successive revision effective on 1.1.1987 and 1.1.1996, with the scale of pay prescribed in the original creation of both the post).

The Board considered and allowed the re-fixation. If approved, the financial implication would be about ₹13,99,302.00 and proposed to be paid in one or few equal installments as per availability of fund and the details are placed before the Board.

After a thorough deliberation, the Board approved the proposal to rectify the time scale to the above employees and resolved that their time scale may be re-fixed and corrected and the arrears may be paid in full or in parts as per availability of fund.

**3.3.8: Confirmation of regular employees of the Meghalaya State Pollution Control Board**

The recruitment process in the Meghalaya State Pollution Control Board is being carried out by the Selection Committee of the Board as mentioned in the O.M notified by the Govt. Since the inception of the Meghalaya State Pollution Control Board, the services of all the regular employees have never been confirmed as it should be done as per procedures of the Government. The Meghalaya State Pollution Control Board being a Service autonomous body and as such views/comments or clarifications are sought with regards to the application of confirmation for regular employees of the Board.

It was also informed that two employees have already retired from service without confirmation.

The Board approved the proposal to confirm the services of the 64(sixty-four) employees of the Board and further resolved to include the name of the two retired employees in the list for confirmation.

**3.3.9: Regularization of service of temporary appointee**

A list of employees who joined the Board by nature of Adhoc/Fixed pay/ Casual appointment had been prepared with details of their appointment and placed before the Board. It is proposed that the services of

Smti A.M.T. Pajat and others may be considered from the date of drawing the regular scale of pay on adhoc basis. The matter was placed before the Board for approval.

After a thorough deliberation, the Board approved the proposal for the benefit of Service, leave, etc.

***3.3.10: Proposal for Creation and Sanction of 2 (two) posts of Sweeper and 2 (two) posts of Cleaner in the Office of Meghalaya State Pollution Control Board***

It was informed that since the inception of the Meghalaya State Pollution Control Board, there were no sanctioned posts of Sweeper & Cleaner in the Office. With the expansion of infrastructure of the Board it had become a burden on the part time Sweeper and Cleaner who were being engaged to perform the duties effectively. Therefore, the requirement for creation and sanction of regular posts of Sweeper and Cleaner was very much needed so that the purpose for which the posts were to be created coupled with the implementation of the Swachh Bharat Movement would serve the Board in an efficient manner. In this regard, it was proposed that 2 (two) posts of Sweeper and 2 (two) posts of Cleaner be created and sanctioned in a pay scale of ₹6500-160-7620-EB-210-9510-290-12700/-. The matter was placed before the Board for approval.

The Board approved the proposal to create 2(two) posts of Sweeper and 2(two) posts of Cleaner in a time scale of ₹6500-160-7620-EB-210-9510-290-12700/-and resolved that recruitment may be made subject to availability of fund.

***3.3.11: Proposal for creation of Medical Advance & Re-imburement Fund***

It was informed that the Meghalaya State Pollution Control Board Medical Advance & Re-imburement Regulation had been approved by the Board during the 64<sup>th</sup> Meeting held on 5<sup>th</sup> February 2016 and the same had been notified vide notification No.MPCB/GEN-188/2015/4, Dated 19<sup>th</sup> April, 2016. For implementation of the Regulation, it was proposed to maintain a specific fund under the Head “Medical Advance & Re-imburement” in a separate Savings A/c to be opened for this purpose. Further, it was proposed that at the initial stage, an amount of ₹30 lakhs may be debited from the Board’s Revenue to meet with the requirement that will be incurred in disbursing of medical advance and re-imburement claim of Officers and Staff of the Board. It was proposed that the fund allocation be increased in due course of time subject to availability of Revenue. The matter was placed before the Board for necessary approval.

The Chairman informed the Meeting that there was no provision in the Budget of the Board for Medical Re-imburement; therefore, for protection of the welfare of the employees of the Board, a corpus fund was felt necessary with at least ₹1 crore to start with.

After a thorough deliberation, the Board approved the proposal for opening of a separate Savings Account for Medical Re-imburement with an initial amount of ₹30 lakhs to be debited from the Board’s Revenue which may be increased over a period of time.

**3.3.12: Proposal for establishment of a Contributory Pension Scheme of employees of the MSPCB**

Rule 26(5) of the Meghalaya Water (Prevention & Control of Pollution) Rules, 1996 provides that “The Board may introduce the schemes of Contributory Provident Fund and other schemes for the benefits of its employees with the approval of the Government.” The Meghalaya State Pollution Control Board has already introduced the Contributory Fund for its employees in accordance with the Employees Provident Fund Act & Rules made there under and this is the only retirement benefit of the Board’s employees besides normal gratuity. In order to make the Board’s service more attractive, it was proposed that some sort of Pension Scheme may also be introduced as retirement benefit of the employees. The nature and operational part of the Scheme shall be worked out by the office of the Board in consultation with the other State Pollution Control Boards, State Government undertakings. The matter was placed before the Board for discussion and approval in principle.

In reply to the Member’s query, the Member Secretary informed that other State Pollution Control Boards have such pension schemes.

The Board approved in principle the proposal to introduce the Pension Scheme for the employees of the Board after consultation with other Boards and CPCB and decided that the Scheme may be sent to the Government for approval.



**CHAPTER – 4****COMMITTEES CONSTITUTED BY THE BOARD  
& THEIR ACTIVITIES**

The following committees constituted by the Board with their activities to strengthen the functions of the Board from time to time.

**MEMBERS OF THE CONSENT COMMITTEE**

- |   |                   |
|---|-------------------|
| 1. Chairman<br>Meghalaya State Pollution Control Board, Shillong.   | : Chairman        |
| 2. Senior Inspector of Boilers & Factories<br>Inspectorate of Boilers & Factories<br>Meghalaya, Shillong. | : Member          |
| 3. Conservator of Forests<br>Meghalaya, Shillong.   | : Member          |
| 4. Deputy Director,<br>Directorate of Industries<br>Meghalaya, Shillong.                                  | : Member          |
| 5. Director of Mineral Resources<br>Meghalaya, Shillong.  | : Member          |
| 6. Member Secretary<br>Meghalaya State Pollution Control Board, Shillong.                                 | : Member Convener |

**MEMBERS OF THE PURCHASE COMMITTEE**

- |  |            |
|--|------------|
| 1. Chairman<br>Meghalaya State Pollution Control Board, Shillong.                                | : Chairman |
| 2. Director of Industries <i>or</i> his nominee.   | : Member   |
| 3. Chief Engineer P.H.E Deptt. Meghalaya <i>or</i> his nominee                                   | : Member   |
| 4. The Director<br>Regional Sophisticated Instrument Centre<br>Bijni Complex, N.E.H.U, Shillong. | : Member   |
| 5. Senior Scientist, Indian Council of Agricultural Research<br>(I.C.A.R), Umiam.                | : Member   |
| 6. Member Secretary<br>Meghalaya State Pollution Control Board, Shillong.                        | : Convener |

### MEMBERS OF THE SELECTION COMMITTEE FOR GRADE 'A' POSTS

1. Principal Secretary/Commissioner & Secretary to the Govt. of Meghalaya, Forests & Environment Deptt. : Chairman
2. Chairman : Member  
Meghalaya State Pollution Control Board, Shillong.
3. Deputy Secretary/Under Secretary to the : Member  
Government of Meghalaya, Forests & Environment Deptt.
4. Environmental Engineer : Member  
I/C North Eastern Zonal Office  
Central Pollution Control Board, Shillong.
5. Member Secretary :Member Convener  
Meghalaya State Pollution Control Board, Shillong.

### MEMBERS OF THE SELECTION COMMITTEE FOR GRADE 'B', 'C' & 'D' POSTS

1. Chairman : Chairman  
Meghalaya State Pollution Control Board, Shillong.
2. Addl. Principal Chief Conservator of Forests/Chief Conservator : Member  
of Forests (Administration) or his nominee.
3. Environmental Engineer : Member  
I/C North Eastern Zonal Office  
Central Pollution Control Board, Shillong.
4. Member Secretary : Member  
Meghalaya State Pollution Control Board, Shillong.
5. Administrative Officer/Establishment Officer : Member Convener  
Meghalaya State Pollution Control Board, Shillong.

### Activities:

The Selection Committee of the Board vide letter No.MPCB/Estt-270/2017/2016-17/38, dated 29<sup>th</sup> March 2017 had conducted the interview for the post of Junior Scientific Assistant in the office of the Meghalaya State Pollution Control Board on 7<sup>th</sup> April 2017.

As per the score sheet, the selected candidate was appointed vide letter No.MPCB/Estt-154/2017-2018/149, Dated 17<sup>th</sup> April 2017.

### MEMBERS OF THE PROMOTION COMMITTEE FOR GRADE 'A' POSTS

1. Chairman : Chairman  
Meghalaya State Pollution Control Board, Shillong.

2. Addl. Principal Chief Conservator of Forests/Chief Conservator of Forests (Administration) or his nominee. : Member
3. Member Secretary : Member  
Meghalaya State Pollution Control Board, Shillong.
4. Senior Scientist/Scientist 'C' : Member  
Meghalaya State Pollution Control Board, Shillong.
5. Sr. Environmental Engineer/Environmental Engineer : Member  
Meghalaya State Pollution Control Board, Shillong.
6. Administrative Officer/Establishment Officer : Member Convener  
Meghalaya State Pollution Control Board, Shillong.

**Activities:**

The Promotion Committee of the Board vide letter No.MPCB/Gen-78(Pt-I)/2016-17/5, Dated 8<sup>th</sup> September 2016 had approved the promotion of Miss D. Syiemlieh, Assistant Environmental Engineer to the post of Environmental Engineer.

**MEMBERS OF THE PROMOTION COMMITTEE FOR GRADE 'B' & 'C' POSTS**

1. Chairman : Chairman  
Meghalaya State Pollution Control Board, Shillong
2. Addl. Principal Chief Conservator of Forests/Chief Conservator of Forests (Administration) or his nominee. : Member
3. Senior Scientist/Scientist 'C' : Member  
Meghalaya State Pollution Control Board, Shillong
4. Sr. Environmental Engineer/Environmental Engineer : Member  
Meghalaya State Pollution Control Board, Shillong
5. Administrative Officer/Establishment Officer : Member Convener  
Meghalaya State Pollution Control Board, Shillong

**Activities:**

The Promotion Committee of the Board vide letter No.MPCB/Gen-85(Pt-I)2016-17/15, Dated 8<sup>th</sup> September 2016 and the Meeting held on 12<sup>th</sup> September 2016 had approved the promotion of Grade 'B' 'C' & 'D' posts as under:-

1. Promotion from U.D.A. to the post of Assistant Superintendent.
2. Promotion from Lab Assistant II to the post of Junior Scientific Assistant II.
3. Promotion from L.D.A. to the post of U.D.A.
4. Promotion from Typist to the post of L.D.A.
5. Promotion from Sample Collector to Typist.

## CHAPTER – 5

## AIR QUALITY MONITORING

## 5.1.0 NATIONAL AIR QUALITY MONITORING

The Meghalaya State Pollution Control Board is operating the Ambient Air Quality at 8 (eight) stations in the state under National Air Monitoring Programme (NAMP) sponsored by CPCB (Fig. 5.1.0). The frequency of monitoring is twice a week. Particulate Matter (PM<sub>10</sub>), Sulfur Dioxide (SO<sub>2</sub>), Nitrogen dioxide (NO<sub>2</sub>) and meteorological parameters viz. wind speed, wind direction, ambient air temperature, humidity, etc. were monitored at these stations and the observations are presented below:-

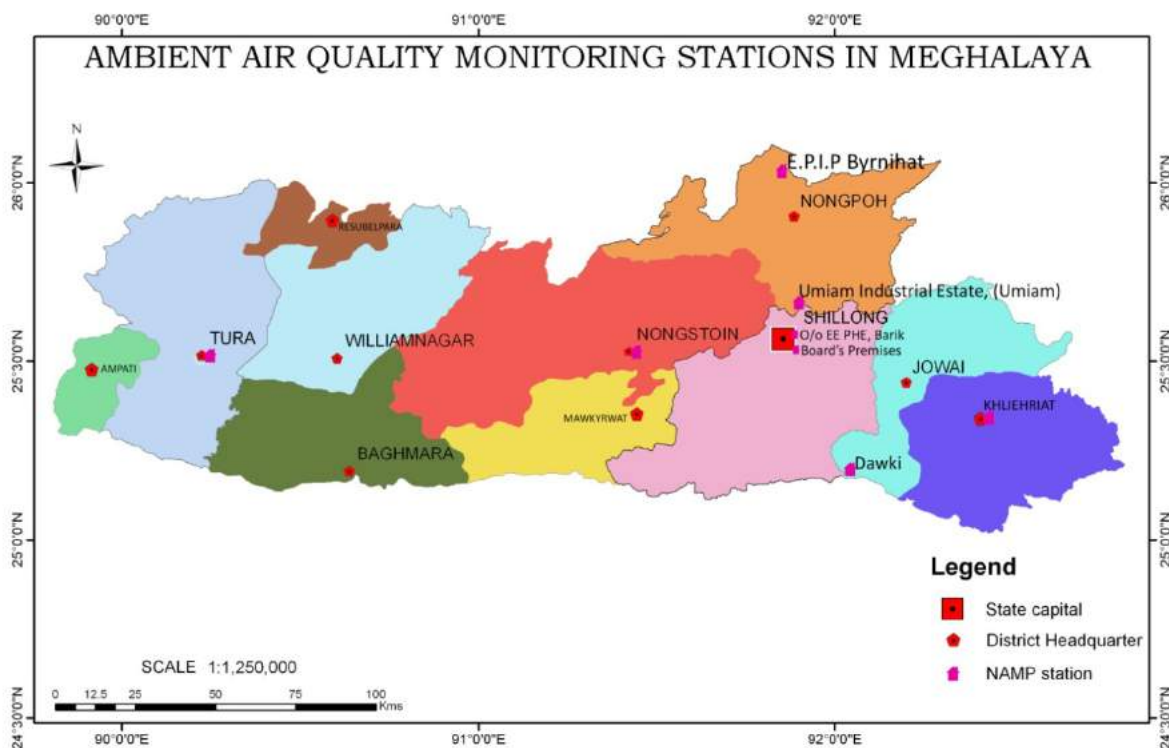


FIG.5.1.0: Map of Meghalaya showing the Air Monitoring (NAMP) Stations in the State

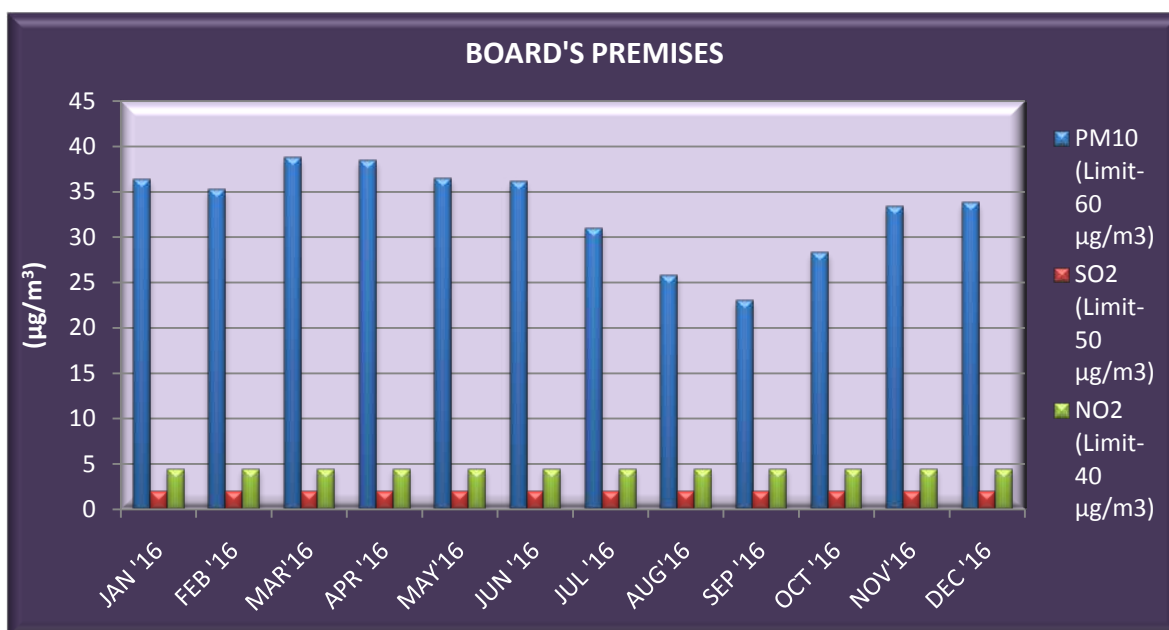
## 5.1.1 Board's Office Premises, Lumpyngngad, Shillong:

Ambient air quality monitored at the Board's Office Premises, Lumpyngngad, Shillong, revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>) & Particulate Matter (PM<sub>10</sub>) were within the prescribed standards of National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.1 and in Figure 5.1.1.

**Table 5.1.1: Ambient Air Quality at Board's Office Premises, Lumpyngngad, Shillong during 2016.**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
SO<sub>2</sub>:  $50\mu\text{g}/\text{m}^3$  (Annual); NO<sub>2</sub>:  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	36.4	35.3	38.8	38.5	36.5	36.2	31	25.8	23	28.3	33.4	33.8	33.0
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



**Fig. 5.1.1: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at Board's Premises, Shillong**

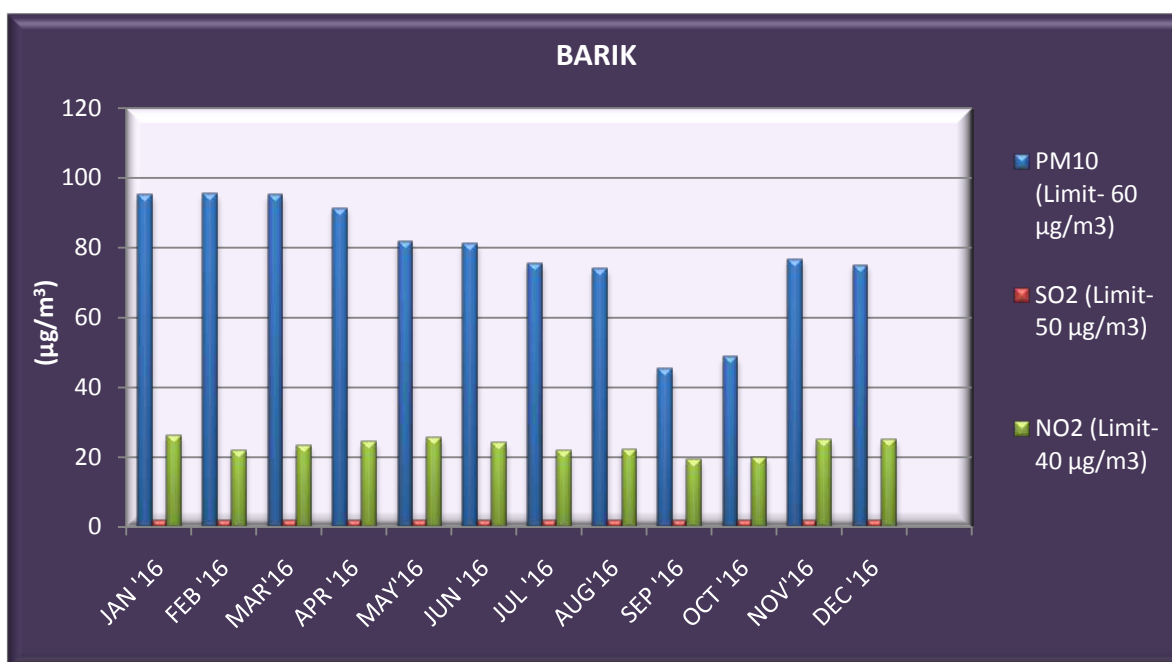
### 5.1.2 O/o EE (PHE), Hills Division, Barik, Shillong:

Ambient air quality monitored at O/o EE (PHE), Hills Division, Barik, Shillong revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), and Nitrogen Dioxide (NO<sub>2</sub>) were within the prescribed standards of National Ambient Air Quality standards. Particulate Matter (PM<sub>10</sub>) levels were above the National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.2 and Figure 5.1.2.

**Table 5.1.2: Ambient Air Quality at O/o EE (PHE), Hills Division, Barik, Shillong during 2016**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
SO<sub>2</sub>:  $50\mu\text{g}/\text{m}^3$  (Annual); NO<sub>2</sub>:  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	95.2	95.5	95.3	91.5	81.7	81.4	75.7	74.1	45.5	48.9	76.6	75.1	78
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	26.4	21.9	23.5	24.6	25.6	24.3	22	22.2	19.3	20.2	25.1	25.2	23.3



**Fig. 5.1.2: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at Barik, Shillong**

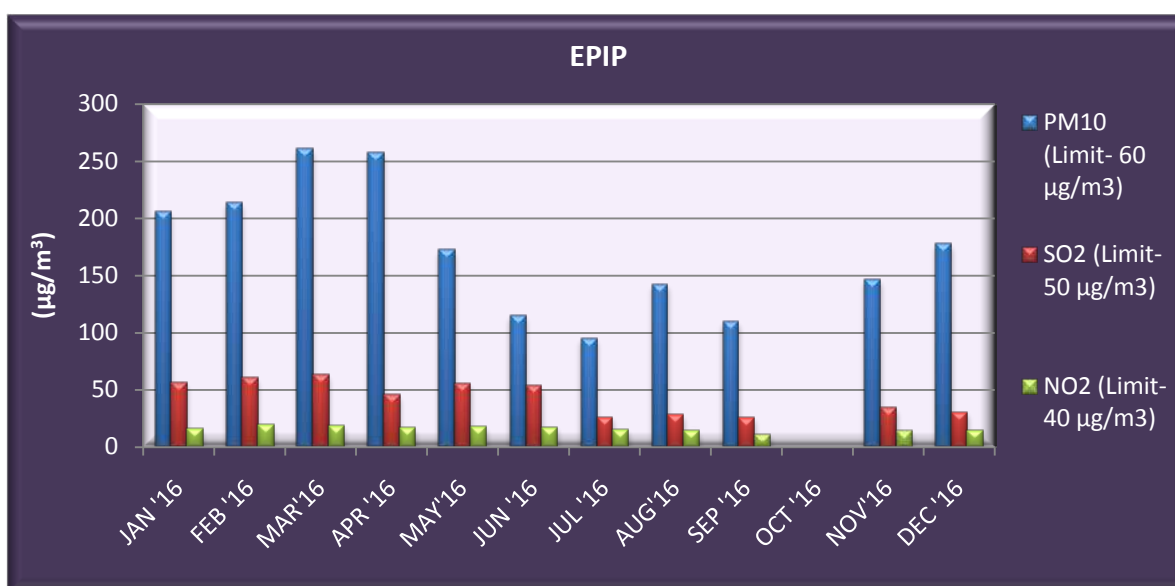
### 5.1.3 Export Promotion Industrial Park(EPIP), Byrnihat, Ri-Bhoi District:

Ambient air quality monitored at EPIP, Byrnihat, Ri-Bhoi District (industrial area) revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), and Nitrogen Dioxide (NO<sub>2</sub>) were within the prescribed standards of National Ambient Air Quality standards. Particulate Matter (PM<sub>10</sub>) levels were above the National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.3 and Figure 5.1.3.



**Table 5.1.3: Ambient Air Quality at EPIP, Byrnihat, Ri-Bhoi District during 2016**  
[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
 $\text{SO}_2$ :  $50\mu\text{g}/\text{m}^3$  (Annual);  $\text{NO}_2$ :  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
PM10 ( $\mu\text{g}/\text{m}^3$ )	205.9	213.9	261.5	258.1	172.9	115.4	95.3	142.6	109.7	-	146.5	178.3	172.7
$\text{SO}_2$ ( $\mu\text{g}/\text{m}^3$ )	56.9	61.1	63.8	46.2	55.7	54.3	26.5	28.6	25.6	-	35	30.9	44.0
$\text{NO}_2$ ( $\mu\text{g}/\text{m}^3$ )	15.9	19.4	18.8	17	18.2	17.5	15.6	14.8	11.3	-	14.2	15.2	16.1



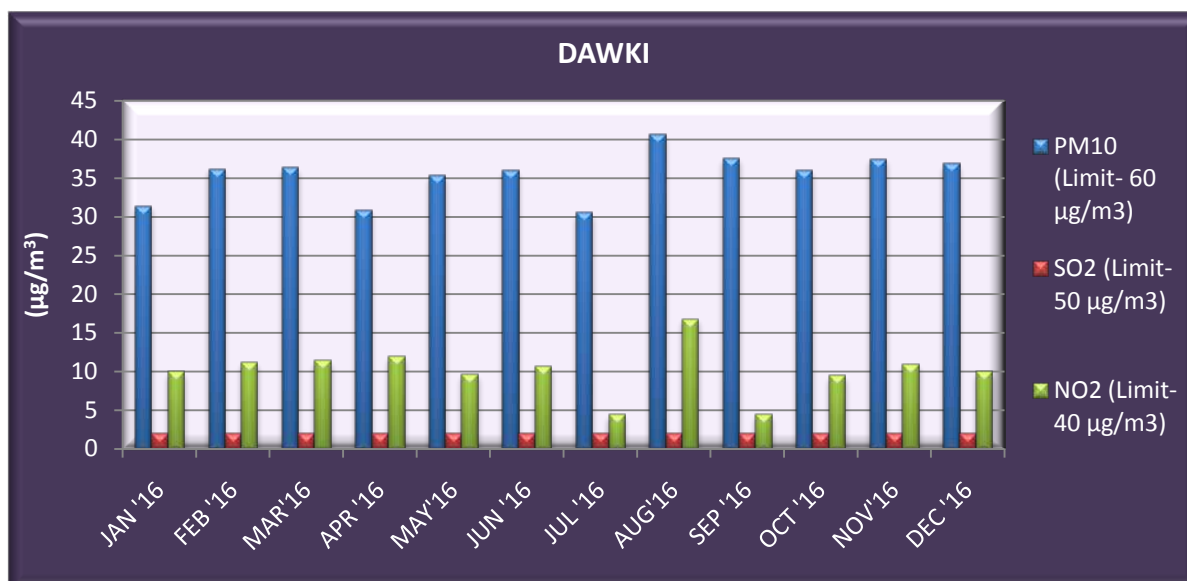
**Fig. 5.1.3: Monthly average of PM10, SO<sub>2</sub>, and NO<sub>2</sub> levels at EPIP, Byrnihat, Ri-Bhoi District**

#### 5.1.4 O/o PHE, Dawki, West Jaintia Hills District:

Ambient air quality monitored at Dawki, West Jaintia Hills District, revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>) & Particulate Matter (PM<sub>10</sub>) were within the prescribed standards of National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.4 and Figure 5.1.4.

**Table 5.1.4: Ambient Air Quality at O/o PHE, Dawki, West Jaintia Hills District during 2016**  
[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
 $\text{SO}_2$ :  $50\mu\text{g}/\text{m}^3$  (Annual);  $\text{NO}_2$ :  $40\mu\text{g}/\text{m}^3$  (Annual);

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
<b>PM<sub>10</sub></b> ( $\mu\text{g}/\text{m}^3$ )	31.4	36.2	36.4	30.9	35.4	36	30.5	40.6	37.6	36	37.5	36.9	35.4
<b>SO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
<b>NO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	10	11.2	11.5	12	9.6	10.7	4.5	16.8	4.5	9.5	10.9	10	10.1



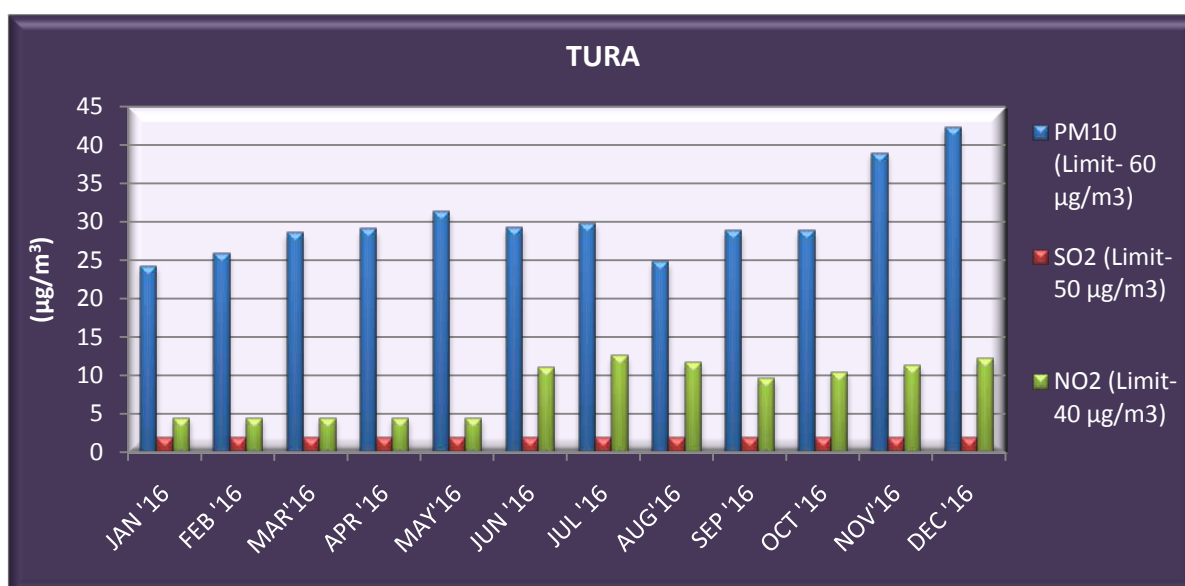
**Fig. 5.1.4: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at Dawki, West Jaintia Hills District.**

#### 5.1.5 O/o PHE, Tura, West Garo Hills District:

Ambient air quality monitored at Tura, West Garo Hills District, revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>) & Particulate Matter (PM<sub>10</sub>) were within the prescribed standards of National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.5 and Figure 5.1.5.

**Table 5.1.5: Ambient Air Quality at O/o PHE, Tura, West Garo Hills District during 2016**  
[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
 $\text{SO}_2$ :  $50\mu\text{g}/\text{m}^3$  (Annual);  $\text{NO}_2$ :  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
<b>PM<sub>10</sub></b> ( $\mu\text{g}/\text{m}^3$ )	24.3	26	28.6	29.1	31.4	29.3	29.9	24.9	28.9	28.9	39	42.4	30.2
<b>SO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
<b>NO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	4.5	4.5	4.5	4.5	4.5	11.1	12.6	11.8	9.7	10.5	11.3	12.2	4.5



**Fig. 5.1.5: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at O/o PHE, Tura, West Garo Hills District**

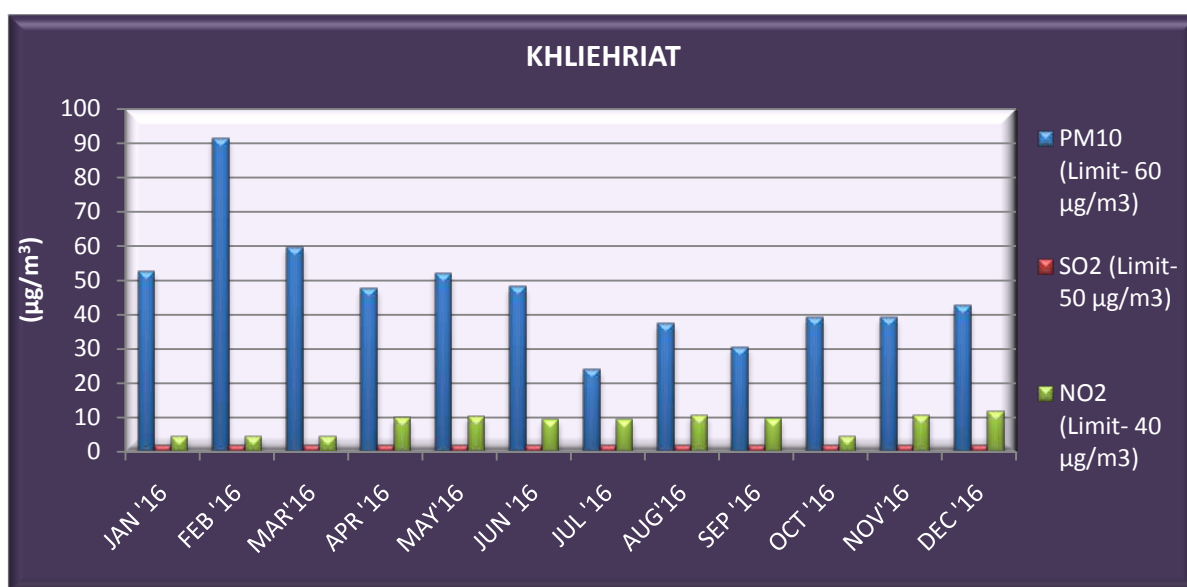
#### 5.1.6 O/o BDO Khliehriat, Jaintia Hills District:

Ambient air quality monitored at Khliehriat, Jaintia Hills District revealed that the Annual Average concentrations of Particulate Matter (PM<sub>10</sub>), Sulphur Dioxide (SO<sub>2</sub>), and Nitrogen Dioxide (NO<sub>2</sub>) were within the prescribed standards of National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.6 and Figure 5.1.6.

**Table 5.1.6: Ambient Air Quality at O/o BDO, Khliehriat, East Jaintia Hills District, (Stn – VI), 2016**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
 $\text{SO}_2$ :  $50\mu\text{g}/\text{m}^3$  (Annual);  $\text{NO}_2$ :  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
<b>PM10</b> ( $\mu\text{g}/\text{m}^3$ )	52.7	91.4	59.7	47.7	51.9	48.2	24.1	37.4	30.5	39.2	39.2	42.6	47.0
<b>SO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
<b>NO<sub>2</sub></b> ( $\mu\text{g}/\text{m}^3$ )	4.5	4.5	4.5	9.9	10.3	9.5	9.5	10.7	9.8	4.5	10.8	11.8	4.5



**Fig. 5.1.6: Monthly average of PM10, SO<sub>2</sub>, and NO<sub>2</sub> levels at O/o BDO, Khliehriat, East Jaintia Hills District**

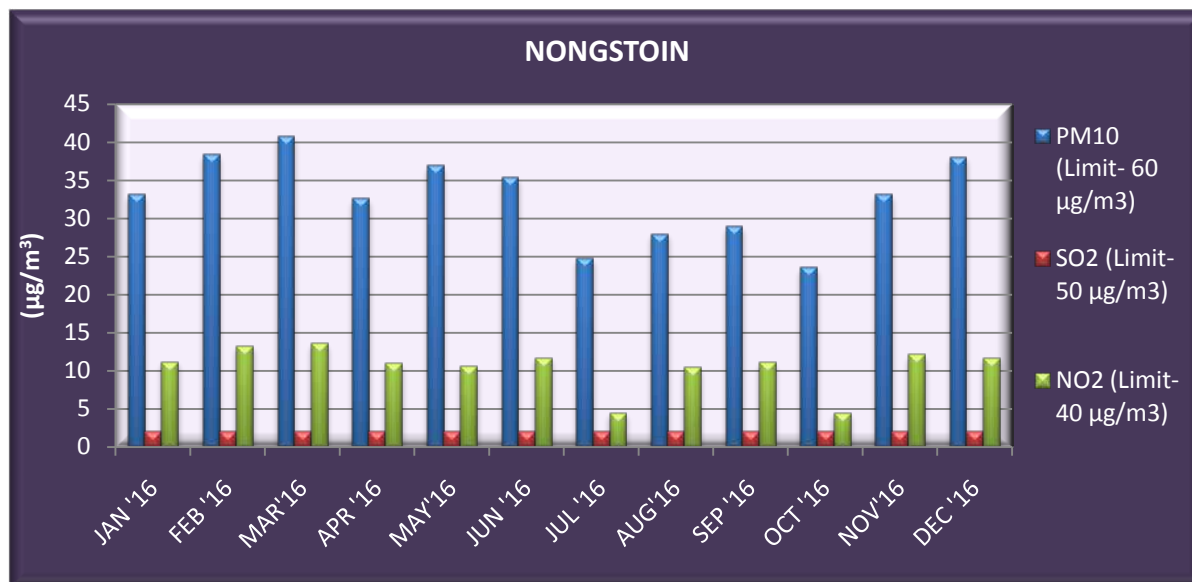
#### 5.1.7 O/o PHE, Nongstoin, West Khasi Hills District :

Ambient air quality monitored at Nongstoin, West Khasi Hills District, revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), Nitrogen Dioxide (NO<sub>2</sub>) & Particulate Matter (PM<sub>10</sub>) were within the prescribed standards of National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.7 and Figure 5.1.7.

**Table 5.1.7: Ambient Air Quality data at O/o PHE, Nongstoin, West Khasi Hills District during 2016**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
SO<sub>2</sub>:  $50\mu\text{g}/\text{m}^3$  (Annual); NO<sub>2</sub>:  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	33.2	38.4	40.8	32.6	37	35.4	24.8	28	29	23.6	33.2	38.1	32.8
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	11.2	13.3	13.6	11	10.6	11.7	4.5	10.4	11.1	4.5	12.1	11.7	10.4



**Fig. 5.1.7: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at Nongstoin, West Khasi Hills District**

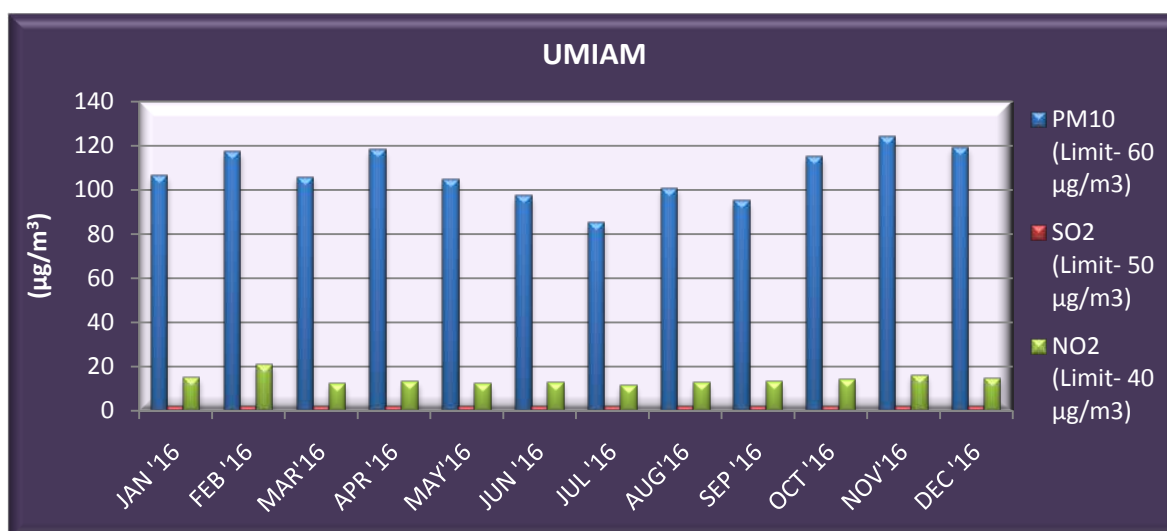
#### 5.1.8 Umiam Industrial Estate, Umiam, Ri-Bhoi District:

Ambient air quality monitored at Umiam Industrial Estate, Ri-Bhoi District, revealed that the Annual Average concentrations of Sulphur Dioxide (SO<sub>2</sub>), and Nitrogen Dioxide (NO<sub>2</sub>) were within the prescribed standards of National Ambient Air Quality standards. Particulate Matter (PM<sub>10</sub>) level was above the National Ambient Air Quality standards. The air quality during 2016 is shown in Table 5.1.8 and Figure 5.1.8.

**Table 5.1.8: Ambient Air Quality data at Umiam Industrial Estate, Ri-Bhoi District during 2016.**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $60\mu\text{g}/\text{m}^3$  (Annual);  
SO<sub>2</sub>:  $50\mu\text{g}/\text{m}^3$  (Annual); NO<sub>2</sub>:  $40\mu\text{g}/\text{m}^3$  (Annual);]

Months → Parameters ↓	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Avg.
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	106.4	117.4	105.9	118.5	104.9	97.6	85.3	100.9	95.3	115.2	124.1	119.2	107.5
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	2	2	2	2	2	2	2	2	2	2	2	2	2.0
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	15.2	21.1	12.4	13.4	12.4	12.8	11.7	13	13.4	14.4	16.4	14.9	14.2



**Fig.5.1.8: Monthly average of PM<sub>10</sub>, SO<sub>2</sub>, and NO<sub>2</sub> levels at Umiam Industrial Estate, Ri-Bhoi District**

## 5.2.0 AMBIENT AIR QUALITY MONITORING

The Ambient Air quality was monitored in residential areas and some industrial units operating in the state. The result obtained is shown in Table 5.2.0: -

**Table 5.2.0: Ambient Air Quality in residential areas and some industrial units operating in the state during 2016-2017**

[Standard for Residential, Industrial, rural and other areas: RSPM:  $100\mu\text{g}/\text{m}^3$  (24 hour);  
SO<sub>2</sub>:  $80\mu\text{g}/\text{m}^3$  (24 hour); NO<sub>2</sub>:  $80\mu\text{g}/\text{m}^3$  (24 hour);]

Sl.No.	Name of Industry/Location	Sampling Station	Date of Sampling	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Nongrim, Byrnihat.	Residence of Shri. J. Marbaniang.	8.06.16	72.2	12.3	13.3
2.	Brick Kiln units in East Garo Hills	Kusimgolgre, East Garo Hills	13.06.16	27.0	2.0	4.5
		Bolsalgittim, Songsak, East Garo Hills	14.06.16	23.1	2.0	4.5



		Megapgre,Samanda, East Garo Hills	15.06.16	18.8	2.0	4.5
		Nengkhra, East Garo Hills	16.06.16	29.0	2.0	4.5
		Mitokjeng,Rongjeng, East Garo Hills	17.06.16	34.0	2.0	11.8
3.	Brick Kiln units in West Garo Hills	Baljek, West Garo Hills	20.06.16	23.5	2.0	12.4
		Bolbokgre, West Garo Hills	21.06.16	15.3	2.0	4.5
		Dahapara, West Garo Hills	22.06.16	21.3	2.0	4.5
		Adangiri, West Garo Hills	23.06.16	58.5	2.0	4.5
4.	Brick Kiln units in North Garo Hills	Jamgao Sorokpara, Resubelpera, North Garo Hills	28.06.16	43.5	2.0	14.6
		Sambrak, North Garo Hills	29.06.16	26.1	2.0	4.5
5.	Brick Kiln units in South West Garo Hills	Sonamati, South West Garo Hills	01.07.16	32.7	2.0	15.4
		Dengnakpara, South West Garo Hills	06.07.16	27.2	2.0	13.5
		Bolgamgre, South West Garo Hills	08.07.16	32.5	2.0	15.8
		Damalgre, South West Garo Hills	11.07.16	31.9	2.0	12.6
		Asimagre, South West Garo Hills	13.07.16	28.7	2.0	14.9
		Boldamgre, South West Garo Hills	15.07.16	24.8	2.0	15.5
6.	New Umtru HE Project, MePGCL, Dehal, Byrnihat.	Bridge at Dam (Intake gate)	20.07.16	38.8	14.2	4.5
7.	M/S Shyam Foods, 9 <sup>th</sup> Mile, Kiling Road.	Near Canteen	24.11.16	70.3	8.1	9.5
8.	MCCL, Sohra	Mines	29.11.16	59.0	2.0	4.5
		Near Weighbridge	29.11.16	80.8	2.0	4.5
		Near Canteen	29.11.16	90.4	2.0	12.6
9.	State Investment Project Management & Implementation Unit, Shillong.	Near Garage	30.01.17	73.4	2.0	19.3
		Dumping Site	30.01.17	71.9	2.0	24.5
10.	M/s Lafarge Umiam Mining (P) Ltd., Nongtra, Shella.	Near Magazine	13.02.17	75.9	2.0	10.1
		Pyrkan	13.02.17	39.2	2.0	11.7
11.	Slaughter House, Jaiaw, Shillong.	Near Slaughter House	25.02.17	161.7	2.0	14.4
12.	MUDA Parking Lot, Police Bazaar, Shillong.	Top level	24.03.17	140.8	2.0	64.8
		Middle level	25.03.17	110.9	2.0	58.3
		Bottom level	27.03.17	103.1	2.0	58.0

**5.3.0 AIR QUALITY MONITORING DURING DIWALI FESTIVAL, 2016**

In order to assess the air pollution caused due to bursting of crackers, the Board conducted the Ambient Air quality monitoring on 24<sup>th</sup> October 2016 (Pre-Diwali) and on 30<sup>th</sup> October 2016 (Diwali day) at residential, commercial and silence/sensitive areas viz (1) Board's Premises, Lumpynggad (Residential Area), (2) Meghalaya Legislative Assembly's Premises, Police Bazar (Commercial Area) and (3) Ganesh Das Hospital, Lawmali (Silence Area). Air quality is shown in Table 5.3.0 and Figure 5.3.0.

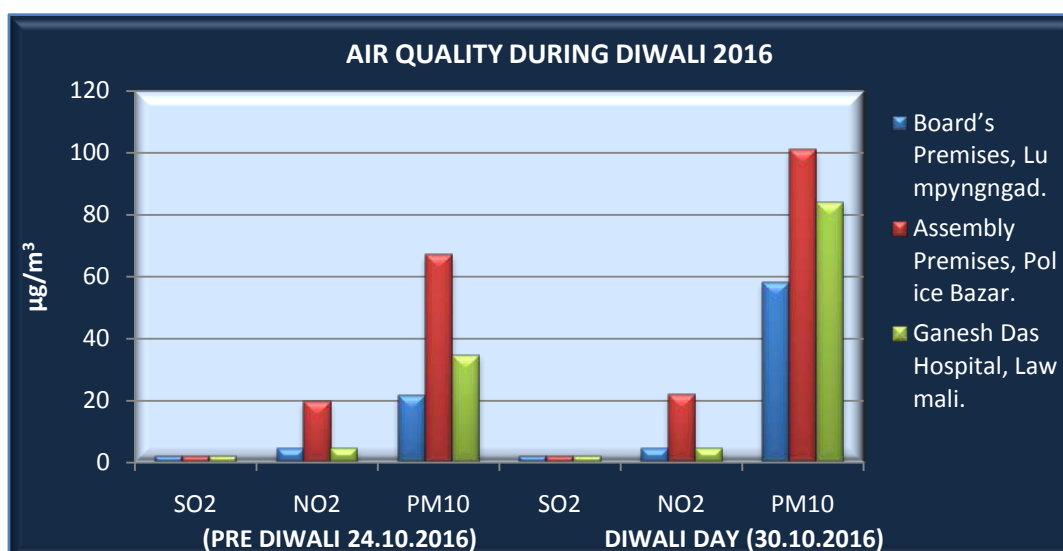
**Table 5.3.0: Ambient Air Quality during Diwali Festival, 2016**

[Standard for Residential, Industrial, rural and other areas: RSPM: 100 $\mu\text{g}/\text{m}^3$  (24 hour);  
SO<sub>2</sub>: 80  $\mu\text{g}/\text{m}^3$  (24 hour); NO<sub>2</sub>: 80  $\mu\text{g}/\text{m}^3$  (24 hour);]

Monitoring Location	Parameters monitored					
	Normal Day (24.10.2016)			Diwali Day (30.10.2016)		
	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>2</sub>	PM <sub>10</sub>
Board's Premises, Lumpynggad (Residential Area)	2.0	4.5	21.7	2.0	4.5	58.4
Assembly Premises, Police Bazar (Commercial Area)	2.0	19.6	67.2	2.0	22.0	101.1
Ganesh Das Hospital, Lawmali (Silence Area).	2.0	4.5	34.8	2.0	4.5	84.2
• All values (24 hourly Avg) are in $\mu\text{g}/\text{m}^3$						

The air quality indicated that the concentrations of SO<sub>2</sub> and NO<sub>2</sub> at all the locations i.e. Lumpynggad (the Meghalaya Pollution Control Board's premises), Police Bazar (Assembly's office premises) and Lawmali (Ganesh Das Hospital's premises) were found to be within the prescribed limits of National Ambient Air Quality Standards during Pre-Diwali (24<sup>th</sup> October 2016) and Diwali (30<sup>th</sup> October 2016). However, it was observed that the concentration of PM<sub>10</sub> was found to exceed the Prescribed Standards on Diwali day at Police Bazar (Assembly's office premises). Further, it was also observed that the level of PM<sub>10</sub> monitored during Diwali day was higher than that of the levels monitored during Pre- Diwali at all the three locations.

The higher concentration of PM<sub>10</sub> on Diwali day may be attributed to the particulate matters emitted as a result of the bursting and burning of fire crackers and sparklers on the Diwali day. The emission of various chemicals constituting the items used during the occasion caused an increase in the concentration of the particulate matter monitored during the festival period.



**Fig. 5.3.0: Ambient Air Quality during Diwali festival 2016**

#### 5.4.0 ASSESSMENT OF VEHICULAR POLLUTION

The Board has an Auto-emission-testing centre in its office premises at Lumpyngngad, Shillong functioning since January 1994. The centre caters to the exhaust testing needs for the commercial and private light petrol and diesel driven vehicles only.

As per arrangement with the Office of the Commissioner of Transport, Meghalaya, the periodical renewals of permits of taxis are subject to submission of "Green Certificates" issued from the Office of the Board. The number of vehicles tested during the period from 01.04.16 to 31.03.17 is shown in Table 5.4.0.

**Table 5.4.0: Total No. of Vehicles tested during 2016 -2017**

PERIOD	TYPE OF VEHICLES	TOTAL NO. OF VEHICLES TESTED	PERCENTAGE OF VEHICLES COMPLYING TO EMISSION STANDARDS	PERCENTAGE OF VEHICLES NON-COMPLYING TO EMISSION STANDARDS
01.04.2016 to 31.03.2017	Petrol-Driven LMV	8085	99 %	1 %
	Diesel-Driven LMV	2573	97.4 %	2.6 %

## CHAPTER – 6

### WATER QUALITY MONITORING

#### 6.1.0 MONITORING OF WATER QUALITY

Meghalaya is one of the most beautiful hill state situated in the North Eastern India. The state is endowed generously by nature as far as water resources are concerned. A number of perennial rivers, lakes and waterfalls grace this land on eternal charm and beauty. There are several rivers and streams, which have comparatively smaller stretch but are quite important due to their uses of water as most of them are exploited for drinking water, irrigation, industries, waste disposal etc.

Since last few decades or so the State has started facing serious problems of surface and groundwater pollution due to indiscriminate discharge of untreated municipal effluents, industries, agricultural runoff. Open defecation and dumping of solid wastes on the river banks also contribute to water pollution. Unorganized mining activities mainly of coal on a large scale in almost all the parts of the state is another major source of water pollution.

In order to obtain information regarding the overall health and general environmental state of the rivers and ground water resources of the state, the Meghalaya State Pollution Control Board is monitoring the water quality of the selected water bodies in the State under National Water Monitoring Programme (NWMP) on regular basis. The monitoring covers 20 rivers/streams, 4 lakes and 7 spring/well. A total of 54 sampling locations (47 nos. of surface water and 7 nos. of ground water) are monitored. The monitoring of the water quality is one of the purpose of prevention and control of water pollution and maintaining or restoring the wholesomeness of water as indicated in the Water (Prevention and Control of Pollution) Act 1974. The monitoring is done on monthly basis for surface and on half yearly basis for ground water. The regular parameters analyzed include pH, Conductivity, Turbidity, Total Suspended Solids, Total Dissolved Solids, Nitrite Nitrogen, Nitrate Nitrogen( $\text{NO}_3$ ), Ammonia Nitrogen, Kjeldahl Nitrogen, Sulphate, Chloride, Hardness, Calcium, Magnesium, Sodium, Potassium, Total Phosphate Acidity, Alkalinity, Fluoride, Dissolved Oxygen, Bio-Chemical Oxygen Demand, Chemical Oxygen Demand, Total Coliform, Fecal Coliform. The metals viz. Iron, Zinc, Manganese, Copper, Lead, Cadmium, Chromium and Nickel are analysed once a year in the month of April. The detail of the monitoring stations with regard to location is as mentioned in the Table-6.1.0.

**Table 6.1.0: Monitoring of Surface Water Quality in Meghalaya**

District	Name of Water Bodies	Locations of sampling station	Monitoring Frequency
Ri-Bhoi	Umiam Lake	(i) Outfall of Umiam River into lake (ii) Near United Christian College (iii) Exit point (iv) Middle point	Monthly
	Umtrew River	(i) Umran (ii) Byrnihat	Monthly

East Khasi Hills	Umken River	(i) WahKdait (ii) Ksehpongden (iii) Diengpasoh	Monthly
	Umkhrah River	(i) Demthring, Shillong (ii) Umkaliar, Shillong (iii) Mawlai, Slaughter (iv) Mawpdang	Monthly
	Umshyrpi River	(i) Risa Colony (ii) Law College, Dhanketi (iii) Umshyrpi, Bridge	Monthly
	Umiam Mawphlang River	(i) Nongkrem (ii) Umtyngngar (iii) Mawphlang (iv) Shella	Monthly
	Ward's Lake	(i) Shillong	Monthly
	Umngot River	(i) Smit (ii) Dawki	Monthly
West Khasi Hills	Nonbah river	(i) Nongstoin, Market (ii) Phodsohsat (iii) Sohiong	Monthly
	Kynshi river	(i) Nongkhnum (ii) Ranikor	Monthly
	Rilang River	(i) Mawkyrwat	Monthly
	WahBlei	(i) Riangdo (ii) Shdaddkhar	Monthly
Jaintia Hills	Lukha River	(i) Lunar at Myndihati (Tributary of Lukha) (ii) Sunapur	Monthly
	Myntang River	(i) Mynso (ii) Nartiang	Monthly
	Myntdu River	(i) Jowai (ii) Leshka	Monthly
	Thadlaskein Lake	(i) Mukhla	Monthly
	Kyrhukhla River	(i) Khliehriat	Monthly
East Garo Hills	Damring River (Krishnei)	(i) Resubelpara	Monthly
	Manda (Dudhnai) River	(i) Jampa (ii) Wagaisi	Monthly
	Tasek Lake	(i) Songsak (Naphak)	Monthly
	Simsang River	(i) Williamnagar	Monthly
South Garo Hills	Bugi River	(i) Mibanpara (ii) Dalu	Monthly
West Garo Hills	Ganol River	(i) Tura	Monthly

Ground Water			
East Khasi Hills	Police Bazar spring	(i) Shillong	Half yearly
	Mawpdang spring	(i) Shillong	Half yearly
	Wah U Dkhar spring	(i) Sohra	Half yearly
Jaintia Hills	Umsahep spring	(i) Shangpung	Half yearly
Ri-Bhoi	Narbong well	(i) Byrnihat	Half yearly
South West Khasi Hills	Mawthadrishan well	(i) Markasa	Half yearly
	Jakrem Hot Spring	(i) Jakrem	Half yearly

## 1. 6.1.1: Water Quality of the Sampling Stations in the Districts of Meghalaya

### 6.1.1.0 Water quality of rivers in East Khasi Hills

17(Seventeen) sampling stations are located in East Khasi Hills. In all the monitored locations the pH was observed to be in the normal range of 6.5 to 8.5. The dissolved Oxygen was found to be very low in Umkhrah and Umshyrpi rivers with the minimum value Nil recorded at Umshyrpi river (Law college) and Umkhrah river (Demthring, near Slaughter house & Mawpdang during the dry winter months of February and March, whereas its concentration in other rivers was always above 4mg/l, which is the minimum oxygen requirement for propagation of wildlife fisheries etc. The Bio-chemical Oxygen Demand was observed to be above 3mg/l in Ward's lake, Umkhrah and Umshyrpi Rivers. The total coliform count was observed to be above 5000mpn/100ml in Umkhrah and Umshyrpi rivers. The monitoring results indicated that organic and Bacteria were the main pollutants in the water bodies. This was mainly due to direct discharged of waste water in an untreated form from the residential and commercial centres. The amount of waste received by the two rivers viz Umkhrah and Umshyrpi rivers was much beyond their assimilative capacity and thus has deteriorated the water quality to the extent that the water of these two rivers cannot be put to any beneficial uses. The water quality of Ward's Lake, meets the criteria for propagation of wildlife and fisheries. The water quality of other water bodies was relatively good as and can still be put for various beneficial purposes although it was not recommended to use directly for drinking purposes unless treated and disinfected by an organized water supply system.

### 6.1.1.1 Water quality of rivers in West Khasi Hills

8(Eight) sampling stations are located in West Khasi Hills. In all the monitored locations the pH was observed to be in the normal range of 6.5 to 8.5. The dissolved Oxygen content in all monitored rivers was always above 4mg/l, which is the minimum oxygen requirement for propagation of wildlife fisheries etc. The Bio-chemical Oxygen Demand was observed to be above 3mg/l and total coliform count above 500mpn/100ml in Nanbah River at Nongstoin. Located in the centre of the District headquarter, this river was also subjected to pollution arising out of direct disposal of solid and liquid waste from residential & commercial areas, automobile workshops and servicing centres etc and agricultural runoff. However, the water of this river can be used for propagation of wildlife & fisheries and irrigation purposes. The water quality of other water bodies was relatively good and can still be put for various beneficial purposes although it was not recommended to use directly for drinking purposes unless treated and disinfected by an organized water supply system.



#### 6.1.1.2 Water quality of rivers in Ri-Bhoi

6(Six) sampling stations are located in Ri-Bhoi. In all the monitored locations the pH was observed to be in the normal range of 6.5 to 8.5. The dissolved Oxygen content in all the stations was found to be above 4mg/l, which is the minimum oxygen requirement for propagation of wildlife fisheries etc. The Bio-chemical Oxygen Demand was observed to be above 3mg/l in Umiam Lake and Umtrew River at Byrnihat. The total coliform count in these water bodies was also observed to be high. The Umiam Lake received the waste that was generated in the Shillong city through the two rivers viz Umkhrah and Umshyrpi Rivers whereas the Umtrew River is subjected to pollution originating from the residential, commercial and industrial areas. The water of Umiam Lake and Umtrew River can be used for propagation of wildlife & fisheries, and irrigation purposes. The water quality of other water bodies was relatively good and can still be put for various beneficial purposes although it was not recommended to use directly for drinking purposes unless treated and disinfected by an organized water supply system.

#### 6.1.1.3 Water quality of rivers in Jaintia Hills

8(Eight) sampling stations are located in Jaintia Hills. The pH in (i) Myntdu River at Leshka (ii) Lunar River at Myndihati (iv) Kyrhukhla River at Lad-Rymbai (V) Lukha at Sunapur was observed to be very low, with the minimum value of 2.2 recorded at Lunar River at Myndihati during the dry months of April. Low pH indicates that water is acidic in nature which is mainly due to acid effluent from coal mines located on the catchment and in the upstream side the dissolved Oxygen in all monitored rivers was always above 4mg/l, which was the minimum oxygen requirement for propagation of wildlife fisheries etc. The Bio-chemical Oxygen Demand was observed to be above 3mg/l in Kyrhukhla River and Lunar River at Myndihati the total coliform count was observed to be above 500mpn/100 ml in Myntdu River mainly due to contamination from the domestic waste water/sewage. Due to low pH, the water of i) Myntdu River at Leshka (ii) Lukha River at Sonapur (iii) Lunar River at Myndihati (iv) Kyrhukhla River at Lad-Rymbai cannot be put to any beneficial uses. The water quality of other water bodies was relatively good and can still be put for various beneficial purposes although it was not recommended to use directly for drinking purposes unless treated and disinfected by an organized water supply system.

#### 6.1.1.4 Water quality of rivers in Garo Hills

8(Eight)) sampling stations are located in Garo Hills. In all the monitored locations the pH was observed to be in the normal range of 6.5 to 8.5. The dissolved Oxygen content in all the stations was found to be above 4mg/l, which is the minimum oxygen requirement for propagation of wildlife fisheries etc. The Bio-chemical Oxygen Demand was observed to be below 3mg/l in all the monitored water bodies. The total coliform count was observed to be moderately high in Simsang&Ganol River. The water quality of all monitored water bodies was relatively good and can still be put for various beneficial purposes although it was not recommended to use directly for drinking purposes unless treated and disinfected by an organized water supply system.

Table 6.1.1: Water Quality Data of Surface Water in Meghalaya During 2016

District	Name of Rivers	Locations of sampling station	pH			Dissolved Oxygen (mg/l)			BOD (mg/l)			Faecal Coliform (MPN/100ml)			Total Coliform (MPN/100ml)		
			Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave	Min	Max	Ave
East Khasi Hills	Umken River	WahKdait	6.8	7.5	7.1	6.4	8	7.1	1.5	2.5	1.9	16	33	25	35	80	57
		Kshepongden	6.9	7.8	7.4	6.8	8.4	7.6	1.5	2.5	2.0	17	43	28	36	90	62
		Diengpasoh	7	7.8	7.4	7	9	7.8	1.4	2.3	1.68	15	40	27	34	74	57
	Umkhrah River	Demthring Shillong	6.9	7.6	7.3	0.8	3.2	1.8	17.8	56	32.9	17000	36000	26785	28000	54000	41142
		Umkaliar, Shillong	7.1	7.7	7.3	1.5	5.6	3.7	12.2	30	18.7	10000	21000	15500	18000	38000	28142
		Mawlai, Slaughter	7.1	7.6	7.3	0.2	1.6	0.9	30.5	90.2	65.2	45000	94000	59071	60000	140000	97785
		Mawpdang,	7	7.5	7.3	0.4	2.5	1.3	24	85.5	56.9	47000	110000	71357	64000	170000	114500
	Umshyрпи River	Risa colony	6.8	7.2	7.0	6.7	8	7.3	1	2.5	1.6	12	43	29	30	67	53
		Law college, Dhanketi	6.9	7.5	7.1	0.5	2.8	1.2	40	82	57.9	33000	70000	46571	60000	150000	94714
		Umshyрпи, Bridge	6.6	7.6	7.25	2.5	6	3.7	7.5	30	20.8	12000	46000	23714	20000	70000	41857
	Umiam Mawphlang River	Nongkrem	6.7	7.6	7.0	5.2	7.7	6.35	1.5	2.6	2.1	20	49	34	44	130	80
		Umtyngngar	6.7	7.9	7.2	7	8.4	7.4	1	2.2	1.7	15	42	28	32	86	64
		Mawphlang	6.8	7.2	7.0	6.9	8.2	7.4	1	1.8	1.3	8	41	20	15	70	40
		Shella	7.4	8.2	7.7	6.8	8	7.3	1.35	2.2	1.75	15	43	31	35	94	70
	Ward's Lake	Shillong	7.1	8	7.6	6.5	9.6	7.6	3.5	7.4	4.9	1500	2400	1971	2800	4800	3550
	Umngot River	Smit	6.7	7.5	7.0	5.6	9	7.1	1.5	2.4	1.9	14	43	28	36	94	64
		Dawki	7.2	7.7	7.4	7.4	9	7.8	1	1.6	1.3	14	36	27	34	82	61
Ri-Bhoi	Umiam Lake	Outfall of Umiam River into lake	6.8	7.7	7.2	3.2	5	4.2	8	13.8	11.5	2200	4000	3271	4000	5800	5092
		Near United Christian College Exit point	6.5	8.1	7.3	5.6	8	6.5	3.8	9.8	7.2	2000	3600	2828	3000	5200	4378
		Middle point	7.3	8.3	7.6	6	7.6	6.6	4	9.5	7.0	1500	3500	2628	2900	5000	4192
	Umtrew River	Umrar	6.5	7.6	7.1	6.4	8.2	7.2	1.5	2.1	1.8	33	84	59	67	220	140
		Byrnihat	7.1	7.6	7.3	6	8	6.8	2.5	7.4	6.2	150	500	337	320	800	581
West Khasi Hills	Nonbah river	Nongstoin, Market	6.6	7.2	6.9	3.5	6.4	4.7	3	4.6	3.8	150	500	355	400	980	760
		PhodsohsatSohiong	7	7.4	7.2	6.9	9.2	7.7	1.2	2	1.5	12	33	21	20	67	43
	Kynshi river	Nongkhnun	7.2	7.6	7.4	6.6	8.5	7.5	1.2	2	1.4	14	31	23	28	52	44
		Ranikor	7	7.6	7.3	7.1	9.4	7.9	1.2	2.2	1.7	16	40	28	30	79	60
	Rilang River	Mawkyrwat	7.1	7.9	7.3	7.1	8.2	7.7	1.4	1.7	1.51	11	30	19	26	56	41
	WahBlei	Riangdo	6.8	7.5	7.1	6.9	8.2	7.4	1.4	2.27	1.8	12	31	22	26	60	44
		Shdaddkhar	6.6	7.7	7.0	6.9	8	7.3	1.5	2	1.7	12	38	25	27	70	53
Jaintia Hills	Lukha River	Lunar at Myndihati (Tributary of Lukha)	2.7	3	2.8	4.2	7.5	5.8	3	5.4	3.7	1.8	9	4	2	25	10
		Sunapur	6.4	8.1	7.2	6.8	7.6	7.1	2	2.8	2.2	94	220	153	220	420	335
	Myntang River	Mynso	6.8	7.5	7.1	7	8.4	7.4	1	2	1.5	14	33	23	32	74	49
		Nartiang	6.6	7.6	7.1	6.6	8.2	7.4	1	6	2.1	16	46	29	35	80	58
	Myntdu River	Jowai	6.6	7	6.8	5.5	7.2	6.3	2.5	4	3.0	1600	3000	2230	2800	3900	3215
		Leshka	4.8	6.2	5.2	6.5	7.8	6.9	1	2	1.3	12	24	16	21	44	34

Jaintia Hills	Thadlaskein Lake	Mukhla	6.6	7.3	6.9	6	7.8	7.0	1.5	2.3	1.9	17	33	25	35	70	52
	Kyrhukhla River	Khliehriat	2.8	3.3	3.0	2.4	6.9	5.1	4.5	10	7.1	10	23	16	22	43	30
East Garo Hills	Damring River (Krishnei)	Resubelpara	7	7.6	7.4	6	7.8	7.0	1.5	2.5	2.1	19	52	34	40	120	80
	Manda (Dudhnai) River	Jampa	6.8	7.6	7.3	6.2	8	7.2	1.38	2.4	1.8	14	48	31	32	94	70
		Wagaisi	7.5	7.7	7.6	6.6	7.7	7.2	1.25	2.24	1.8	14	49	31	32	110	72
	Tasek Lake	Songsak(Naphak)	6.8	7.7	7.3	6.2	7.8	6.9	1.4	2.6	2.1	13	33	25	25	78	56
	Simsang River	Williamnagar	7.4	7.6	7.5	7.2	7.8	7.5	1.8	2.4	2.1	33	420	248	70	800	483
South Garo Hills	Bugi River	Mibanpara	7.3	7.8	7.5	6.7	7.6	7.1	1.78	2.2	1.9	16	120	47	41	123	85
		Dalu	7.5	7.7	7.5	5	7.7	6.8	1.72	12	3.4	17	50	34	40	130	81
West Garo Hills	Ganol River	Tura	7.5	7.7	7.5	7	9	7.6	1.77	2.65	2.2	33	360	224	63	700	440

### 6.1.2 Ground Water Quality

A total of 7(Seven) ground water located all over the state is monitored. The water of all the monitored sources was used for different purposes. As per the monitoring results (**Table 6.1.2**), the sources were affected by bacterial contamination which was probably caused by percolation of polluted surface water. The concentration of Iron was recorded to be high at Narbong well which probably due to the geology of the area. Low pH value at Mawpdang spring may be attributed to the bacteriological contamination of water. The pH level at hot spring Jakrem was recorded to be high which was probably due to increased solubility of salts in hot water. Flouride concentration was also recorded to be high at this hot spring which was the characteristic of any hot spring.

**Table 6.1.2: Ground Water Quality in Meghalaya During 2016**

District	Name of Rivers	Location	Year	pH	Conductivity (µS/cm)	Turbidity (NTU)	Flouride (mg/l)	Iron (µg/L)	Total Coliform (MPN/100)
East Khasi Hills	Dreamland Spring	Police Bazar, Shillong	2016	6.1	266.0	2.6	0.045	120.0	32
	Mawpdang Spring	Shillong		5.5	231.5	2.6	0.058	110.0	44
	Wah-U-Dkhar	Sohra		6.5	106.5	1.9	0.048	30.0	30
West Khasi Hills	Mawthadrishan Well	Markasa		6.8	51.5	8.7	0.04	180.0	25
	Jakrem, Hot Spring	Jakrem		9.6	275.0	5.5	22.5	110.0	8
Ri - Bhoi	Narbong Well	Byrnihat		6.4	223.0	2.1	0.059	85.0	36
Jaintia Hills	Umsahep Hot Spring	Shangpung		5.1	142.0	2.3	0.06	140.0	23

### 6.1.3 Water Quality Monitoring during Idol Immersion

The Meghalaya State Pollution Control Board, Shillong, conducted water quality monitoring before and after puja festival of three immersion ghats in the state viz. (i) Polo immersion site, Shillong, located along the River Umkhrah (ii) Babupara immersion site, Tura, located along the Babupara-Rongkhon River and (iii) Syntu Ksiar (Lynterarchaka) immersion site, Jowai, located along the River Myntdu. The monitoring was conducted in order to assess the environmental impact due to such immersion.



*Photo 1. Crowds throng the Immersion site at Polo, Shillong on Immersion day, 11<sup>th</sup> October, 2016*



*Photo 2. Immersion in progress on the 11<sup>th</sup> of October, 2016 at the Immersion Ghat at Polo, Shillong*



*Photo 3. Crowds throng the immersion site at LynterArchaka, SyntuKsiar, Jowai to witness the immersion process on the 11<sup>th</sup> of October, 2016, immersion day*



*Photo 4. Idols are immersed into the river Myntdu on the immersion day, 11<sup>th</sup>, October, 2016, at LynterArchaka, SyntuKsiar, Jowai*



*Photo 5. Immersion in progress on immersion day, 11<sup>th</sup> of October, 2016, at the Immersion Ghat at Babupara, Tura.*



*Photo 6. Idols are seen floating in the river Babupara-Rongkhon at the Immersion site in Tura on the 11<sup>th</sup> October, 2016, immersion day.*

**TABLE 6.2: WATER QUALITY DATA OF IMMERSION GHAT (POLO) OF RIVER UMKHRAH BEFORE AND AFTER IMMERSION OF IDOLS**

Sl. No.	Parameters	Site I (100 meters upstream of the immersion at Polo)			Site II (Immersion Ghat at Polo)			Site III (100 meters downstream of the immersion site at Polo)		
		Before immersion	Immersion	After immersion	Before immersion	Immersion	After immersion	Before immersion	Immersion	After immersion
	<i>Date of Sampling</i>	04.10.2016	11.10.2016	18.10.2016	04.10.2016	11.10.2016	18.10.2016	04.10.2016	11.10.2016	18.10.2016
	<i>Time</i>	3:00 PM	4:00 PM	3:00 PM	3:30 PM	4:30 PM	3:30 PM	3:45 PM	4:45 PM	3:45 PM
	<i>Weather</i>	Clear	Rainy	Clear	Clear	Rainy	Clear	Clear	Rainy	Clear
	<i>Colours</i>	Turbid	Turbid	Turbid	Turbid	Slightly Turbid	Turbid	Turbid	Slightly Turbid	Turbid
1.	<i>Temperature (*C)</i>	19.0	19.0	18.0	19.0	19.0	18.0	19.0	19.0	18.0
2.	<i>pH</i>	7.3	7.2	7.0	7.3	7.3	7.1	7.3	7.2	7.0
3.	<i>Conductivity <math>\mu S/cm</math></i>	212.0	200.0	250.0	220.0	194.0	255.0	226.0	196.0	247.0
4.	<i>Dissolved Oxygen mg/L</i>	2.0	5.0	2.4	1.3	4.8	2.1	1.9	4.5	2.5
5.	<i>Bio-chemical Oxygen Demand mg/L</i>	12.5	16.0	54.0	14.2	18.0	56.0	13.2	18.6	58.0
6.	<i>Chemical Oxygen Demand mg/L</i>	28.0	50.0	110.0	40.0	40.0	116.0	30.0	38.0	120.0
7.	<i>Calcium <math>CaCO_3</math> mg/L</i>	55.0	46.0	64.0	60.0	50.0	66.0	64.0	50.0	66.0
8.	<i>Magnesium as <math>CaCO_3</math> mg/L</i>	11.0	18.0	16.0	24.0	14.0	16.0	20.0	14.0	14.0
9.	<i>Turbidity (NTU)</i>	20.8	45.8	17.0	86.3	40.8	19.1	25.0	36.5	18.5
10.	<i>Hardness as <math>CaCO_3</math> mg/L</i>	66.0	64.0	80.0	84.0	64.0	82.0	84.0	64.0	80.0
11.	<i>Total Dissolved Solids mg/L</i>	153.0	144.0	172.0	159.0	140.0	175.0	163.0	142.0	170.0
12.	<i>Total Suspended Solids mg/L</i>	10.0	25.0	10.0	20.0	25.0	10.0	15.0	20.0	15.0
13.	<i>Chromium mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14.	<i>Copper mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
15.	<i>Lead mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16.	<i>Zinc mg/L</i>	0.1	BDL	BDL	0.2	BDL	BDL	0.2	BDL	BDL



# MEGHALAYA STATE POLLUTION CONTROL BOARD

[illegible]



**TABLE 6.4: WATER QUALITY DATA OF IMMERSION GHAT IN BABUPARA - RONGKHON STREAM GARO HILLS BEFORE AND AFTER IMMERSION OF IDOLS**

Sl. No.	Parameters	Site I (100 meters upstream of the immersion at Babupara Rongkhon Stream)			Site II (Immersion Ghat at Babupara Rongkhon Stream )			Site III (100 meters downstream of the immersion site at Babupara Rongkhon Stream )		
		Before immersion	Immersion	After immersion	Before immersion	Immersion	After immersion	Before immersion	Immersion	After immersion
	<i>Date of Sampling</i>	04.10.2016	11.10.2016	18.10.2016	04.10.2016	11.10.2016	18.10.2016	04.10.2016	11.10.2016	18.10.2016
	<i>Time</i>	5:20 PM	7:20 PM	4:30 PM	5:30 PM	7:30 PM	4:35 PM	5:40 PM	7:40 PM	4:40 PM
	<i>Weather</i>	Cloudy	Rainy	Cloudy	Cloudy	Rainy	Cloudy	Cloudy	Rainy	Cloudy
	<i>Colours</i>	Clear		Clear	Clear		Clear	Clear	Clear	Clear
1.	<i>Temperature (°C)</i>	24.0	23.0	18.0	24.0	23.0	18.0	24.0	23.0	18.0
2.	<i>pH</i>	7.6	7.4	7.6	7.5	7.6	7.6	7.5	7.5	7.6
3.	<i>Conductivity <math>\mu\text{S/cm}</math></i>	95.0	101.0	82.0	96.0	94.0	90.0	95.0	91.0	93.0
4.	<i>Dissolved Oxygen mg/L</i>	6.8	6.6	6.4	7.2	7.4	6.5	7.4	6.4	6.3
5.	<i>Bio-chemical Oxygen Demand mg/L</i>	2.1	2.2	2.5	2.2	2.6	2.5	2.1	2.5	2.6
6.	<i>Chemical Oxygen Demand mg/L</i>	5.0	5.0	5.0	5.0	6.0	6.0	5.0	6.0	6.0
7.	<i>Calcium <math>\text{CaCO}_3</math> mg/L</i>	30.0	30.0	25.0	28.0	28.0	28.0	26.0	26.0	30.0
8.	<i>Magnesium as <math>\text{CaCO}_3</math> mg/L</i>	8.0	10.0	9.0	8.0	10.0	12.0	8.0	10.0	8.0
9.	<i>Turbidity (NTU)</i>	4.0	4.5	4.2	3.0	3.5	3.1	2.5	2.8	3.2
10.	<i>Hardness as <math>\text{CaCO}_3</math> mg/L</i>	38.0	40.0	34.0	36.0	36.0	40.0	34.0	36.0	38.0
11.	<i>Total Dissolved Solids mg/L</i>	68.0	73.0	56.0	70.0	68.0	62.0	65.0	66.0	64.0
12.	<i>Total Suspended Solids mg/L</i>	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
13.	<i>Chromium mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
14.	<i>Copper mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
15.	<i>Lead mg/L</i>	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
16.	<i>Zinc mg/L</i>	BDL	0.01	0.01	BDL	0.01	0.02	BDL	0.01	0.01

The water quality characteristics (Table 6.2, Table 6.3 & Table 6.4) indicated that there was no deterioration of the water quality of the above mentioned rivers/streams as a result of the immersion of idols in these water bodies.

### 6.5 Water Quality Monitoring under Board's Programme

The Board has also carried out the monitoring of the water quality of other water bodies in the state which were used for different purposes and subjected to different types of pollution. Based on the monitoring the following reports were published by the Board.

- (a) **A Report On The Water Quality Of River Umiam At Umden Umsaitprah Ri-Bhoi District-** The Monitoring was carried during 5<sup>th</sup> May 2016 and the pollution of the river was due to digging and carrying stones and pebbles from the river bed of River Umiam.
- (b) **A Report on Water Quality of Lyngkien Khongwai Stream, Umsawli-** The Monitoring was carried during 17<sup>th</sup> May 2016 and the pollution of the river was due to construction work on the bank of the Lyngkien Khongwai Stream.
- (c) **A Report On The Water Quality Of Drinking Water Sources Of Shillong Municipal Board-** The officials of MSPCB along with officials of PHE, GSWS, Division I and the office of the Shillong Municipal Board conducted a joint inspection for testing of the water quality on the drinking water sources of Shillong Municipal Board on the 13<sup>th</sup> May 2016.
- (d) **A Report On The Water Quality Of River Umtrew Byrnihat, Ri-Bhoi District Meghalaya & Tandu, Kamrup District, Assam -** The officials of MSPCB along with Extra Asst. Commissioner, Ri-Bhoi District, Nongpoh and Shri T. Lyngdoh, Fisheries Demonstrator, In-charge (Byrnihat), Office of the Superintendent of Fisheries, Ri-Bhoi District, Nongpoh, inspected and collected water samples on the 19<sup>th</sup> of May, 2016 from the River Umtrew at two sampling stations, viz. Tandu (village), located in Kamrup district of Assam and Byrnihat, located in Ri-Bhoi district of Meghalaya to ascertain the cause of dying of fishes in River Umtrew.

### 6.6 Industrial Monitoring

The Meghalaya State Pollution Control Board also carried out the monitoring of effluent/waste water generated from the industrial units operating in the State. 49(Forty Nine) such samples were collected and analysed during the year.

### 6.7 Monitoring of water bodies on account of NGT order

A total of 12(Twelve) samples were collected and analysed from the water bodies located in coal mining areas.

### 6.8 Analysis of water bodies received from Government Departments, Private Agencies and Public

In addition to the regular programme the Board was also engaged in analyzing water samples received from Government Departments, Private Agencies and Public. A total of 486 (Four Hundred Eighty Six) samples were analyzed during the year.

## CHAPTER – 7

### NOISE LEVEL MONITORING

#### 7.1 AMBIENT NOISE LEVEL DURING DIWALI FESTIVAL, 2016

Noise level was measured before and on Diwali day i.e. on the 24<sup>th</sup> and 30<sup>th</sup> of October, 2016 at the residential, commercial and silence area in pursuance to the Government of India's Notification and the interim directions of the Hon'ble Supreme Court. Shillong, Meghalaya's capital was selected for conducting the ambient noise level survey during the festival period as it has a sizeable population celebrating the same. Three locations were selected includes

- (i) Lumpynggad (Location A –Board's premises), a residential area.
- (ii) Police Bazar (Location B - Meghalaya Legislative Assembly office's premises), a commercial area.
- (iii) And Lawmali (Location C – Ganesh Das Hospital premises), a silence zone.

The result obtained is shown in Table 7.1 to 7.3

**Table 7.1: Ambient Noise Level during Diwali Festival, 2016**

Location: A- Board's Premises Lumpynggad (Residential area)	Normal Day			Diwali Day		
	Lmin	Lmax	Leq dB(A)	Lmin	Lmax	Leq dB(A)
Time duration						
18:00 to 19:00 Hr.	37.7	60.9	44.7	49.0	118.5	69.8
19:00 to 20:00 Hr.	36.1	59.1	42.0	50.5	117.3	68.4
20:00 to 21:00 Hr.	37.8	51.5	41.2	49.7	118.6	68.7
21:00 to 22:00 Hr.	37.8	47.4	39.2	46.6	117.5	67.2
22:00 to 23:00 Hr.	35.5	51.1	40.4	50.3	79.9	57.8
23:00 to 24:00 Hr.	36.8	49.7	38.1	46.8	63.6	50.4

**Table 7.2: Ambient Noise Level during Diwali Festival, 2016**

<b>Location:B-Meghalaya Legislative Assembly office's premises (commercial area)</b>	<b>Normal Day</b>			<b>Diwali Day</b>		
<b>Time duration</b>	<b>Lmin</b>	<b>Lmax</b>	<b>Leq dB(A)</b>	<b>Lmin</b>	<b>Lmax</b>	<b>Leq dB(A)</b>
18:00 to 19:00 Hr.	59.6	85.2	63.1	62.4	119.0	70.1
19:00 to 20:00 Hr.	59.7	75.0	66.1	63.6	118.7	70.9
20:00 to 21:00 Hr.	58.3	72.8	62.8	66.6	117.8	76.4
21:00 to 22:00 Hr.	56.0	70.5	61.4	68.7	118.9	77.7
22:00 to 23:00 Hr.	51.7	67.9	57.9	61.8	110.6	73.9
23:00 to 24:00 Hr.	49.3	63.8	56.9	55.5	105.3	60.6

**Table 7.3: Ambient Noise Level during Diwali Festival, 2016**

<b>Location:C-GaneshDas Hospital premises (silence zone)</b>	<b>Normal Day</b>			<b>Diwali Day</b>		
<b>Time duration</b>	<b>Lmin</b>	<b>Lmax</b>	<b>Leq dB(A)</b>	<b>Lmin</b>	<b>Lmax</b>	<b>Leq dB(A)</b>
18:00 to 19:00 Hr.	47.9	71.7	49.2	63.1	88.1	65.3
19:00 to 20:00 Hr.	54.7	88.1	60.9	64.8	95.9	70.2
20:00 to 21:00 Hr.	48.7	69.8	50.1	67.6	90.9	69.9
21:00 to 22:00 Hr.	43.7	61.3	44.6	67.6	93.0	67.4
22:00 to 23:00 Hr.	47.7	67.1	56.6	59.2	89.4	65.4
23:00 to 24:00 Hr.	46.5	64.3	50.7	57.3	89.2	63.6

### **Observations and findings:**

#### **1. Location A – Lumpyngngad (MSPCB's office premises)**

The noise level [Table 7.1] observed to be within the national standards for both time durations during pre diwali. However, on the 31<sup>st</sup> of October, 2016 (i.e. Diwali day), it was observed that there was an overall increase in the ambient noise level at the location where the average equivalent noise level (Leq) was found to be well above the ambient noise standard of 55.0 dB(A) Leq throughout the time duration.

#### **2. Location B - Police Bazar (Meghalaya Legislative Assembly office's premises)**

It was observed from Table 7.2 (Location B - Police Bazar) that the noise level (normal day) was within the standard limit (for day time) except during the timing from 19:00 (7:00 pm) to 20:00 Hrs. (8:00 pm). During the night time, it was slightly higher than the national standard of 55.0 dB(A) throughout the duration of monitoring i.e. from 22:00 Hrs. (10:00 pm) to 24:00 Hrs. (12:00 midnight). The higher level of sound monitored was mainly due to vehicular traffic including noise due to honking.

On the 31<sup>st</sup> of October, 2016 (i.e. Diwali day), however, it was observed that there was an overall increase in the noise level at all time intervals especially during the day time duration whereby the average equivalent noise level (Leq) was beyond 70 dB. During the night time, it was observed that the average equivalent noise level was a high 73.9 dB(A) Leq from 22:00 Hrs.(10:00 pm) to 23:00 Hrs.(11:00 pm) and a low 60.6 dB(A) Leq from 23:00 Hrs.(11:00 pm) to 24:00 Hrs.(12:00 midnight) though this level was still above the (night time) national standard of 55.0 dB(A) Leq for commercial areas.

### 3. Location C - Lawmali (Ganesh Das Hospital premises)

It was observed from the Table 7.3 (Location C – Ganesh Das Hospital), that, during all monitored timings, the noise level on the 24<sup>th</sup> of October, 2016 (i.e. normal day), was above the day and night time national standard limits (for Silence Zones) of 50.0 dB (A) Leq and 40.0 dB(A) Leq respectively. The observed higher level of sound monitored during this time slot was mainly due to vehicular traffic and other activities within the hospital premises.

On the 30<sup>th</sup> of October, 2016 (i.e. Diwali day), it was observed that the overall average equivalent noise level (Leq) was comparatively higher than that on the normal day.

The findings reveal that when the ambient noise level quality at a location on a normal day (i.e. 24<sup>th</sup> of October, 2016) was compared to that on Diwali day (i.e. 30<sup>th</sup> of October, 2016), the levels were markedly higher on Diwali day. The bursting of firecrackers and sparklers on Diwali day was obviously the major contributor to the higher noise level monitored on the occasion. The data collected indicated that the increase in noise level varies from 10 dB to as high as 14 dB or more and the resulting effect was an overall increase in the noise level scenario at the above locations.

## 7.2 AMBIENT NOISE LEVEL DURING IDOL IMMERSION, 2016

Ambient noise level monitoring was conducted during the Puja Festival in Shillong, Tura and Jowai at the respective immersion sites in order to monitor the level of noise during the occasion. The monitoring was conducted on the 11<sup>th</sup> October 2016 (day of immersion). The noise level was monitored for continuous 3 hours duration wherein Leq readings were recorded for every hourly interval. The levels recorded during the occasion at the respective immersion sites in Shillong, Tura and Jowai is shown in Table 7.4 to Table 7.6.

**Table 7.4: Ambient Noise Level during IDOL IMMERSION, 2016**

Location A	River Umkhrah Immersion Site, Polo, Shillong	
Time duration	Leq dB(A)	Ambient Noise Level Standard (Day time) [Residential Area] Leq dB(A)
11:00 Hrs. to 12:00 Hrs.	69.6	55.0
12:00 Hrs. to 13:00 Hrs.	70.7	55.0
13:00 Hrs. to 14:00 Hrs.	69.7	55.0

The ambient noise level (**Table 7.4**) at the immersion ghat along the river Umkhrah at Polo, Shillong, monitored on the 11<sup>th</sup> of October, 2016, was on the higher side.

The levels recorded at every hourly interval from the time duration of 11:00 Hrs. (11:00 am) to 14:00 Hrs. (2:00 pm) shows that the level exceeds the daytime Ambient Noise Standard of 55.0 dB(A) Leq (for a Residential area) during every hourly monitored time interval.

The noise, as observed on the above day and duration of monitoring, was due to such activities as shouts of exultation, beating of drums, singing and playing of other musical instruments etc. during the immersion process.

**Table 7.5: Ambient Noise Level during IDOL IMMERSION, 2016**

Location B	River Babupara-Rongkhon Immersion Site, Babupara, Tura	
Time duration	Leq dB(A)	Ambient Noise Level Standard (Day time) [Residential Area] Leq dB(A)
16:30 Hrs. to 17:30 Hrs.	67.0	55.0
17:30 Hrs. to 18:30 Hrs.	70.1	55.0
18:30 Hrs. to 19:30 Hrs.	69.0	55.0

The ambient noise level (**Table 7.5**) at the immersion ghat along the river Babupara-Rongkhon at Babupara, Tura, monitored on the 11<sup>th</sup> of October, 2016, was high. The levels recorded at every hourly interval from the time duration of 16:30 Hrs. (4:30 pm) to 19:30 Hrs. (7:30 pm) showed that the level obtained exceeded the daytime Ambient Noise Standard of 55.0 dB(A) Leq (for a Residential area) during every monitored hourly time interval. It was also observed that the highest level of 70.1 Leq dB(A) recorded from 17:30 Hrs.(5:30 pm) to 18:30 Hrs. (6:30 pm) exceeded the same standard by more than 15 decibels. The



noise, as observed on the above day and duration of monitoring, was due various kinds of festive activities during the immersion process.

**Table 7.6: Ambient Noise Level during IDOL IMMERSION, 2016**

Location: C	River Myntdu Immersion Site, SyntuKsiar, Jowai	
Time duration	Leq dB(A)	Ambient Noise Level Standard(Day time) [Residential Area]Leq dB(A)
14:30 Hrs. to 15:30 Hrs.	59.5	55.0
15:30 Hrs. to 16:30 Hrs.	61.9	55.0
16:30 Hrs. to 17:30 Hrs.	62.8	55.0

The ambient noise level (Table 7.6) at the immersion ghat along the River Myntdu at Lynter Archaka, Syntu Ksiar, Jowai, monitored on the 11<sup>th</sup> of October, 2016, was noticeably high. The levels recorded at every hourly interval from the time duration of 14:30 Hrs. (2:30 pm) to 17:30 Hrs. (5:30 pm) revealed that the levels obtained exceeded the daytime Ambient Noise Standard of 55.0 dB(A) Leq (for a Residential area) at all hourly time interval though the level was quite low when compared to that at Shillong and Tura immersion sites.

Overall, the ambient noise level at the respective ghats on the day of immersion was observably high, as indicated by the monitored data collected during the day and time of monitoring. This may be attributed to various festival activities like drum beating, singing and playing of different musical instruments etc. during the immersion process.



**Photo 1. Crowds throng the Immersion site at Polo, Shillong on Immersion day, 11<sup>th</sup> October, 2016**



**Photo 2. Immersion in progress on the 11<sup>th</sup> of October, 2016 at the Immersion Ghat at Polo, Shillong**



## CHAPTER – 8

### ENVIRONMENTAL AWARENESS

#### MASS AWARENESS

##### 1. Celebration of World Environment Day 2016

The Meghalaya State Pollution Control Board celebrated the World Environment Day on 5<sup>th</sup> June every year through lots of events comprising of the following:

- (A) **Vehicular Emission Testing Camp:** The car dealers in Shillong in collaboration with the Meghalaya State Pollution Control Board, Shillong, organized a “Vehicular Emission Testing Camp” for petrol and diesel driven vehicles. Pollution. Emission testing of Petrol driven vehicle in progress (Photo 1).



Photo 1: Emission test of Petrol driven vehicle in progress at Rani Motors, Shillong



Photo 2: View of the Vehicular Emission Testing camp at Rani Motors, Shillong.

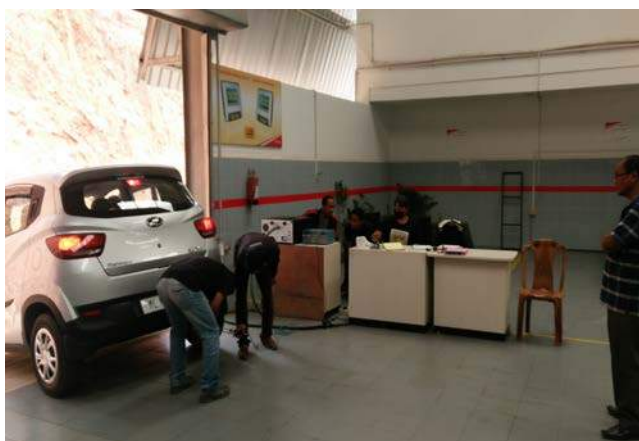


Photo 3: Emission test of Petrol driven vehicle in progress at Syrpai Automotive, Mawiongirim.



Emission test of Diesel driven vehicles in progress at Stanley Roy Construction,

The vehicles which were complying to the emission standards were issued with a ‘Green Certificate’ and a “Pollution Under Control” sticker pasted on the front windshield, with a validity of 6(six) months from the date of issue, and vehicles not complying to emission standards were issued a “Red Certificate”. The vehicles found to be having emissions above the Emission standards were advised to undergo checking and necessary ‘tuning’ of the engine so that the emission can be brought within the prescribed standards.

## 2. Ambient Air Quality Monitoring at Byrnihat, Ri-Bhoi District

As part of celebration of “World Environment Day 2016”, the Khasi Jaintia Labour Union (Byrnihat & Nongpoh Circle), in collaboration with the Board, conducted Ambient Air quality monitoring at 1(one) location i.e. at Lum Nongrim (residential area), Byrnihat, Three parameters were monitored, viz, Particulate Matter (PM<sub>10</sub>), Sulphur Dioxide (SO<sub>2</sub>), and Nitrogen Dioxide (NO<sub>x</sub>), besides temperature and humidity.

The findings and observations:

The Ambient Air quality monitoring was conducted in the premises of the residence of Shri. G. Marbaniang, Lum Nongrim. The concentration of PM<sub>10</sub> was found to be 72.9 µg/m<sup>3</sup>, which was within the prescribed limits (Table 8.1). The concentrations of SO<sub>2</sub> and NO<sub>2</sub> were within the prescribed limits. The findings revealed that the concentrations of PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>2</sub> at the monitored location were found to be within the prescribed standards.

**Table 8.1:** Air quality at Lum Nongrim (residential area), Byrnihat, Ri-Bhoi District

Sl. No.	Name of Sampling Station	Category	Parameters			Meteorological parameters				Prescribed limits of Ambient Air Quality Standards as per EPA Notification GSR 826(E), dated 16 <sup>th</sup> Nov. 2009.		
			PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	Temp (°C)		Relative Humidity (%)		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
						Max	Min	Max	Min			
1.	Lum Nongrim, Byrnihat.	Residential	72.2	13.3	12.3	34	24	75	62	100	80	80

### 3. Awareness Programme

The officials of the Meghalaya State Pollution Control Board has attended various Awareness Programmes as resource persons organised by different Departments of Meghalaya for the year 2016-2017 which is as indicated in Table 3.1

**TABLE 3.1: AWARENESS PROGRAMME FOR THE YEAR 2016-2017**

Sl. No.	DATE	AWARENESS PROGRAMME	ORGANISATION	MSPCB's RESOURCE PERSON
1	11.06.2016	Pollution Related Issue	Lion's Club of Shillong	Shri. S. Syiem, A.E.E.
2	23.06.2016	Solid Waste Management, Tura	Directorate of Urban Affairs, Meghalaya, Shillong	Shri. S. Syiem, A.E.E.
3	01.07.2016	Training programme for newly recruited Government functionaries-Citizen Centric Behaviour	Meghalaya Administrative Training Institute, Shillong	Shri. W.R. Kharkrang, E.E.
4	01.07.2016	Training programme for newly recruited Government functionaries-Leadership & Team Building	Meghalaya Administrative Training Institute, Shillong	Shri. W.R. Kharkrang, E.E.
5	10.11.2016	Interactive workshop on "Provisions of the Water (Prevention & Control of Pollution) Act 1974, the Air (Prevention & Control of Pollution) Act 1981 Environment (Protection) Act 1986 & Rules framed there under".	Sylvan House, Lower Lachumeire, Shillong.	Shri. W.R. Kharkrang, E.E. Smti A.D. Synrem, J.L.O.

6	30.11.2016	Holding of Capacity Building cum Orientation Program	Office of the Block Development Officer, Myllem C&RD Block	Shri. W.R. Kharkrang, E.E.
7	20.02.2017	BMW Training at Pasteur Institute.	Office of the DHS, Meghalaya, Pasteur Institute, Shillong	Shri. W.R. Kharkrang, E.E.
8	21.02.2017	One day Interactive workshop on "Provisions of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act 1981, Environment (Protection) Act 1986 & Rules framed there under",..	SMELC Building, Dakopgre, Tura	Shri. C.P.Marak, IFS, Chairman Shri W.R. Kharkrang, E.E. Smti. A.D. Synrem, J.L.O.
9	01.03.2017	Faculty Development Programme.	N.E.H.U. Tura Campus	Shri M.S. Tiewsoh, A.E.E
10	02.03.2017	One day Interactive workshop on "Provisions of the water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act 1981, Environment (Protection) Act 1986 & Rules framed there under"	District Library, Jowai	Shri. W.R. Kharkrang, E.E. Smti. A.D. Synrem, J.L.O.
11	22.03.2017	Presentation on "Waste Water", PGT College	College of Teacher Education (PGT), Shillong, Meghalaya	Shri. W.R. Kharkrang, E.E.

#### 4. Other Mass Awareness Activities

##### (i) Vehicular Emission Testing camps.

To spread awareness on the need to maintain and reduce the emissions from vehicles with respect to protecting the environment, the Board had conducted Vehicular Emission Testing camps for other government and private agencies during 2016-17 namely:

- (i) Eastern Air Command, Upper Shillong.

- (ii) Air Force station, Laitkor Peak.
- (iii) 30BN Border Security Force, Umpling.
- (iv) Lafarge Umiam Mining Pvt. Ltd, Nongtraï.

**(ii) Display of Air Quality Index(AQI) & Water Quality Index(WQI)**

- Air Quality Index (AQI) of the existing 10(ten) air monitoring stations was displayed in public domain (Board's Website and Shillong Times Newspaper) on weekly basis.
- Water Quality Index (WQI) of the existing 54 water quality monitoring stations was displayed in public domain (Board's Website) on monthly basis.

**(iii) Pamphlet published by MSPCB**

- An Appeal to celebrate Puja in an eco-friendly way
- An Appeal for a Safe, Healthy and Environment Friendly Diwali

**(iv) Public Notice Issued By MSPCB**

- Awareness on health hazards caused by noise pollution.

## CHAPTER – 9

### PRESENT STATE OF THE ENVIRONMENT, ENVIRONMENTAL PROBLEMS AND COUNTER MEASURES

Meghalaya is a Hill State located in the North-Eastern region of the Country. It covers an area of about 22,429 Sq.kms. and its population as per 2011 census is 29, 66, 889 lakhs. Meghalaya is rich in mineral resources and the main minerals are coal and limestone, which are found in almost the entire southern belt. Mining activities are mostly in private hands and as such coal and limestone are being exploited in an unscientific and unplanned manner without any measures for reclamation of mined areas. Such mining activities have been causing severe water pollution and environmental degradation in the mining areas. The numbers of industries has been increasing manifold over the past few years in the State; from small scale stone crushing unit to large scale cement industries and from sand, limestone and stone boulder mining to coal mining in the recent years gave rise to the impact of the ecological imbalance in the State. Therefore, in order to curb the problems, the Meghalaya State Pollution Control Board used the different measures in accordance to the Rules.

#### **Pollution Control and Waste Management:**

##### **9.1: Solid Waste Management**

Indiscriminate dumping of garbage, indiscriminate discharge or disposal of domestic sewage, trade effluents, urban solid wastes due to rapid population growth and fast urbanization also contributed to the ecological imbalance in the State. In this respect, the Meghalaya State Pollution Control Board has issued a direction to all Urban Local Bodies in the state to implement the provisions of the Solid Waste Management Rules, 2016 relating to development of infrastructure for collection, storage, segregation, transportation, processing and disposal of municipal solid wastes (in areas within its jurisdiction) in accordance to the provisions and compliance criteria/standards as stipulated in the Solid Waste Management Rules, 2016.

##### **9.2: Bio-Medical Waste Management:**

Hospitals, Nursing Homes, Health Care Facilities has increased tremendously in recent years in the State and without proper methods of disposal of wastes from the health care units may pose great risk to human health and may create environmental pollution. Thus, prompting the government to implement new ways of scientific management of bio-medical wastes. The Board has issued direction to ensure that all health care units to apply for authorization in the prescribed Form II as required under Rule 10 of the Bio-Medical Waste Management Rules, 2016.

##### **9.3: Consent Management:**

Under the large-scale industrial sector cement plants falls under the 17 categories of highly polluting industries. The others are medium and small-scale industries such as Power Plants lime calcination plants,



ingot manufacturing and steel rolling mills, Ferro alloys manufacturing unit, stone crushing units, auto workshops, auto servicing units, D.G. Sets etc. Most of the lime calcination units are coal – fired and kilns are of traditional types (pajwa), which do not have even hood and chimney for venting out the smoke.

The Board was regulating the discharged of effluents and air emissions from industries through the issuance of Consents to Establish/Operate under Water & Air Acts. While issuing Consents, conditions were being imposed with regard to the effluent and the emission standards to which industries have to comply with. Conditions were also stipulated for setting up effluent treatment plants and/or installing of air pollution control systems whenever they were found necessary. The Board periodically collects and analyses effluent samples for verification of compliance to the consent conditions by industrial units. The industries were also instructed to ensure that pollution control systems, whenever necessary, were installed and commissioned within a stipulated period.

During the year **2016-2017** the number of industries/firms/units which the Board granted for Consent to Establish and Consent to Operate under the Water (Prevention& Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 is appended in the **Annexure-3** and **Annexure-4** respectively.

#### **9.4: Water Quality Assessment:**

The Meghalaya State Pollution Control Board (MSPCB) has established a network of Water Quality monitoring stations in the State. The present network comprises of 54 stations in the state under the National Water Monitoring Programme (NWMP). The monitoring network covers 20 Rivers, 4 Lakes, 7 spring/well.

Out of the 54 stations, the following water bodies have been identified by CPCB as polluted stretched in the State of Meghalaya with respect to BOD level.

<u><b>Name of River</b></u>	<u><b>District</b></u>
1. Umkhras&Umshyrpi Rivers	: East Khasi Hills District
2. Kyrhukhla River, Lunar River (tributary of Lukha River) at Myndihati	: East Jaintia Hills District
3. UmtrewByrnihat Rivers	: Ri-Bhoi District
4. Myntdu (Jowai)	: West Jaintia Hills District
5. Nanbah (Nongstoin)	: West Khasi Hills District

Measures taken:

1. The Board has informed the respective Deputy Commissioners of the district regarding the status of the water bodies with a request to take necessary steps to formulate action plan to control the pollution sources.



2. The respective Deputy Commissioners has taken up with the line Departments for formulation of action plan. The District Administration has also issued prohibitory orders against dumping of solid waste and liquid waste in the respective rivers/streams.

### 9.5: Air Quality Assessment:

The Meghalaya State Pollution Control Board is assessing the ambient air quality in the State over a period of time. A monitoring network with 8(Eight) ambient air quality-monitoring stations under National Air Monitoring Programme (NAMP) are placed to assess the changes in air quality.

Three criteria pollutants viz. PM<sub>10</sub> (Particulate Matter having an aerodynamic diameter less than or equal to 10 µm), Sulphur dioxide (SO<sub>2</sub>) and Nitrogen dioxide (NO<sub>2</sub>) were monitored for regular monitoring of air quality. The monitoring of meteorological parameters such as wind speed and direction, relative humidity and temperature were also integrated with the monitoring of air quality.

Air quality monitored during 2016 - 2017 indicates that PM<sub>10</sub> levels exceeded the NAAQS (annual average) at 2 sampling stations viz (i) Export Promotion Industrial Park (EPIP), Byrnihat, (Stn-III- Industrial area) and (ii) Umiam Industrial Estate, Ri-Bhoi District.(Industrial area).

High concentrations of Particulate Matter (PM<sub>10</sub>) levels observed at Export Promotion Industrial Park (EPIP), Byrnihat, (Industrial area) and Umiam Industrial Estate, Ri-Bhoi District which may be attributable to the buildup of pollutants owing to emissions from industries located in the industrial area, dust generated due to movement of vehicles, natural dust, and construction activities.

#### Industrial Pollution Control:

1. The air pollution control devices installed should be properly maintained so as to ensure control of the Particulate Emission of the plant.
2. The ambient air quality within the Plant premises and surrounding areas should be maintained within the National Ambient Air Quality Standards.
3. The Board officials inspect the industries regularly to observe the measures taken for compliance of pollution control norms.
4. Appropriate preventive measures should be adopted to reduce fugitive emission so as to control the concentration of particulate matter in the ambient air.

**CHAPTER - 10****ENVIRONMENTAL TRAINING/ADMINISTRATIVE TRAINING**

**10.1** Environmental Training - is one of the important tools in the administrative system of the Board. The personnel of the Board who had undergone different trainings within the country as well as overseas have acquired knowledge, skills, concepts, rules, and enhanced the capacity building in the Board. The personnel of the Board were also invited as experts for delivering lectures and presentations on various environmental issues by reputed institutes/organizations in the state.

The Environmental Training attended by the Board's officials during the year 2016-2017 is shown in the following Table-10.1

**Table-10.1: The Environmental Training attended by the Board's Officials**

Sl. No.	Date	Name of Officer/Staff	Training Programme & Place of Training
1	11 <sup>th</sup> -15 <sup>th</sup> April 2016	Shri Y.F. Laloo, A.E.E.	Data Management: Collection, Collation and Analysis, CSE, New Delhi
2	26 <sup>th</sup> -27 <sup>th</sup> April 2016	Dr.(Ms.) B. Nongbri, Sr. Sc. Smti. J. Sawian, Sc 'B' Smti. M.N. Diengdoh, S.S.A. Shri J. Kharshiing, J.S.A. Shri M.N. Warbah, J.S.A. Dr.(Ms.) D. Tariang, J.S.A. Shri A. Lyngdoh, J.S.A.	NABL Awareness Programme, Meghalaya State Pollution Control Board, Shillong.
3	23 <sup>rd</sup> May 2016	Shri J. Kharshiing, J.S.A. Dr.(Ms.) D. Tariang, J.S.A. Shri A. Lyngdoh, J.S.A.	Workshop in Integrated Water Resource Management Programme, State Convention Centre, Shillong
4	7 <sup>th</sup> September 2016	Shri M.N. Warbah, J.S.A.	Establishment of CAAQMS in Millions plus cities & State Capitals, TSPCB, Agartala.
5	27 <sup>th</sup> -28 <sup>th</sup> October 2016	Dr.(Ms.) B. Nongbri, Sr. Sc.	5 <sup>th</sup> National Conclave for Laboratories, India Habitat Centre, New Delhi.
6	9 <sup>th</sup> -11 <sup>th</sup> November 2016	Shri J.F. Lamurong, A.E.E.	Training Programme on "New Development in Pollution Control Technologies (Water & Air) – Adequacy & Efficiency (with field visit)", NSI Kanpur.
7	24 <sup>th</sup> -26 <sup>th</sup> November 2016	Shri C.P. Marak, IFS, Chairman Smti. D. Syiemlieh, E.E. Shri. M.S. Tiewsoh, A.E.E.	6 <sup>th</sup> International Conference on Solid Waste Management, Jadavpur University.

8	5 <sup>th</sup> -7 <sup>th</sup> January 2017	Shri C.P. Marak, IFS, Chairman Shri S. Syiem, A.E.E. Shri Y.F. Laloo, A.E.E.	Training Programme on Environment Management for Power Plants, Use and Disposal of Fly-Ash-New Avenues, Opportunities, Constraints and Challenges. CSIR-CIMFR, Dhanbad, Jharkhand.
9	30 <sup>th</sup> January 2017	Shri M.N. Warbah, J.S.A.	CAAQMS in Million plus cities & State capitals, CPCB, New Delhi.
10	6 <sup>th</sup> -10 <sup>th</sup> February 2017	Smti. A.D. Synrem, J.L.O.	Environmental Legislations, Interpretation and Environment at National Law School of India University, Nagarbhavi, Bengaluru
11	8 <sup>th</sup> -10 <sup>th</sup> February 2017	Dr.(Ms.) B. Nongbri, Sr. Sc.	ISO – IEC 17025: 2005 – Lab accreditation, NIOH, Ahmedabad
12	8 <sup>th</sup> -10 <sup>th</sup> February 2017	Shri J. Kharshiing, J.S.A.	Training on ISO/ IEC 17025: NABL, NIOH Deptt. Of Health Research Ministry of Health and family welfare, Ahmedabad, Gujarat
13	9 <sup>th</sup> -10 <sup>th</sup> February 2017	Shri C.P. Marak, IFS, Chairman Shri M.S. Tiewsoh, A.E.E.	International Congress on Green Urban Futures, Mountain and the City New Delhi
14	27 <sup>th</sup> February 2017	Shri S. Syiem, A.E.E. Shri J.F. Lamurong, A.E.E.	Effective Management of Hazardous Waste and E-waste Rules including co-processing IIWM, Bangalore.
15	10 <sup>th</sup> March 2017	Shri C.P. Marak, IFS, Chairman Shri W.R. Kharkrang, E.E.	Conference on Air Pollution CMAAO Hotel Lalit, New Delhi

**10.2 Administrative Training** – Administrative Training on Office Procedures, Conduct Rules, Disciplinary & Appeal Rules, FRs & SRs, MFRs, etc. was held from 10<sup>th</sup> January 2017 to 3<sup>rd</sup> March 2017. Shri E. Kharkongor, (Retd.) Deputy Secretary and Shri G.S. Sohlang, (Retd.) Financial Adviser were engaged as Resource Persons/Trainers for imparting training to the Officers & Staff of the Board. All together 29 officers & staff attended the training and after completion of the training, certificates were awarded to them.

## CHAPTER – 11

### OTHER ACTIVITIES OF THE BOARD

#### 11.0: Activities:

- Introduction of On-line monitoring of Emission & Effluent of the highly polluting industries falling under the 17 categories of the polluting industries as notified by the Government of India for which 13(thirteen ) industries have installed opacity meters in their units.
- Implementation of Court orders issued on related matters.
- Implementation of Board's decision & resolution of Conference of PCB's relating to concerned activities.
- Laboratory Development: The Meghalaya State Pollution Control Board in performance of its function under Section 17 (2) of the Water (Prevention & Control of Pollution) Act, 1974 established its own Laboratory at Shillong in 1988 for the purpose of analysis of samples of water, waste water, air, soil and solid waste. The Board's Laboratory has also been recognized as **“State Water and Air Laboratory”** by the Government of Meghalaya. The Laboratory is presently equipped with sophisticated instruments like Atomic Absorption Spectrophotometer, Gas Chromatograph, Specific Ion Analyzer, UV-Spectrophotometer etc. besides the basic laboratory equipment/instruments required for analysis/monitoring of environmental parameters. The Laboratory of the Board also designated as State Referral Institute (SRI) for providing Technical advise to PHED in implementing the National Rural Drinking Water Quality Monitoring & Surveillance Programme(NRDWQM&SP). Inorder to ensure analytical quality, the Central Laboratory, MSPCB has participated in Proficiency Testing programme/Analytical Quality Control exercise organized by CPCB, Delhicovering physico-chemical parameters and Inter Laboratory Comparison with accreditedLaboratory for biological parameters.

The Board has applied for NABL Accreditation of the Central Laboratory for chemical and biological testing discipline as per ISO/IEC/17025:2005 in accordance with ISO/IEC: 17025.

- The Board has published the report titled ***“Studies and Evaluation of Environmental and Socio-Impact of Coal Mining Impact in Jaintia Hills, Meghalaya”***.
- The Board has undertaken a study on the assessment of water quality of River Lukha, Jaintia Hills District, Meghalaya. The study is under progress during the current financial year.

#### 11.1 WATER (Prevention & Control of Pollution) CESS ACT, 1977.

The function of the Board under the Act and Rules made thereunder is to assess and collect a cess from Local authorities/bodies and Industries consuming water for domestic and industrial purposes.

During the year 2016-2017 the total amount of Cess assessment was ₹5,74,238/- (Rupees Five Lakh Seventy Four Thousand Two Hundred and Thirty Eight) only and Cess collection was ₹3,53,574/- (Rupees Three Lakhs Fifty Three Thousand Five Hundred Seventy Four) only.

The Cess collected was remitted to the consolidated fund of India through Ministry of Environment & Forests, Government of India.

The Board also directed the major industries in the State to install the water meter to measure the usage of water by the unit and to furnish the monthly water consumption returns to the Board for the assessment of the same.

## **11.2 WASTE MANAGEMENT**

### **11.2.0 Bio-Medical Waste Management Rules, 2016**

The Meghalaya State Pollution Control Board is a Prescribed Authority for implementation and to carry out corresponding duties of the Bio-Medical Waste Management Rules, 2016 in the State of Meghalaya.

During the year, the Meghalaya State Pollution Control Board carried out the following duties in compliance to the Bio-Medical Waste Management Rules, 2016.

1. Compilation of data and submission of the same in annual report to the Central Pollution Control Board.
2. Grant and renewal, suspension or refusal, cancellation or of authorization under these rules.
3. Monitoring of compliance of various provisions and conditions of authorization.
4. Action against health care facilities or common bio-medical waste treatment facilities for violation of these rules.
5. Organising training programmes for staff of health care facilities and common bio-medical waste treatment facilities on segregation, collection, storage, transportation, treatment and disposal of bio-medical wastes.

The Meghalaya SPCB carries out inspection of Health Care Facilities from time to time during which issues regarding the implementation Bio-Medical Waste Rules are discussed.

#### **11.2.1 Status of Bio-Medical Waste Management**

The category of Health Care Facilities (HCFs) in the State of Meghalaya is shown in the table – 11.2.1 (a) and (b).

Table – 11.2.1

(a) Total number of HCFs in the State as on March 2017

Sl. No.	Name of HCFs	2016-2017
1	Hospitals	29
2	CHC	28
3	PHC	116
4	Sub-Centres	425
5	Dispensaries	14
6	Clinic	14
7	Research	1
8	Veterinary Hospitals	4
9	Veterinary Dispensaries	72
	<b>TOTAL</b>	<b>703</b>

(b) Category of Health Care Facilities (HCFs) as on March 2017

Sl. No	HCF Category	No. of HCFs
(a)	Bedded Hospitals	173
(b)	Non- Bedded Hospitals	530

11.2.2 Status of Authorization granted by the Board under Bio-Medical Waste Management Rules, 2016

Status of authorisation granted by the Board to the Health Care Facilities under Bio-Medical Waste Management Rules, 2016 is shown in the chart below.

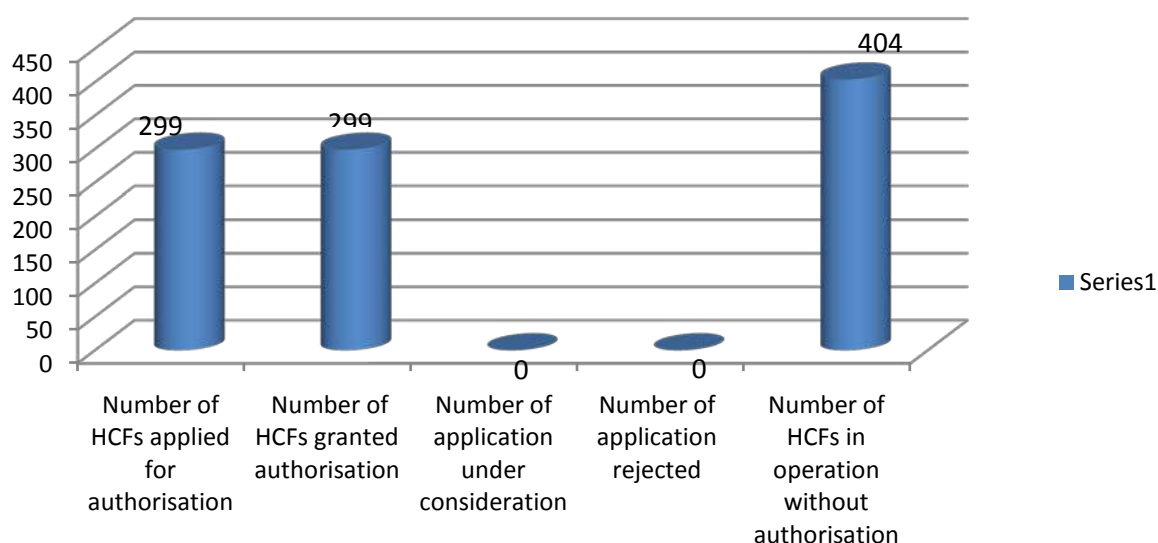


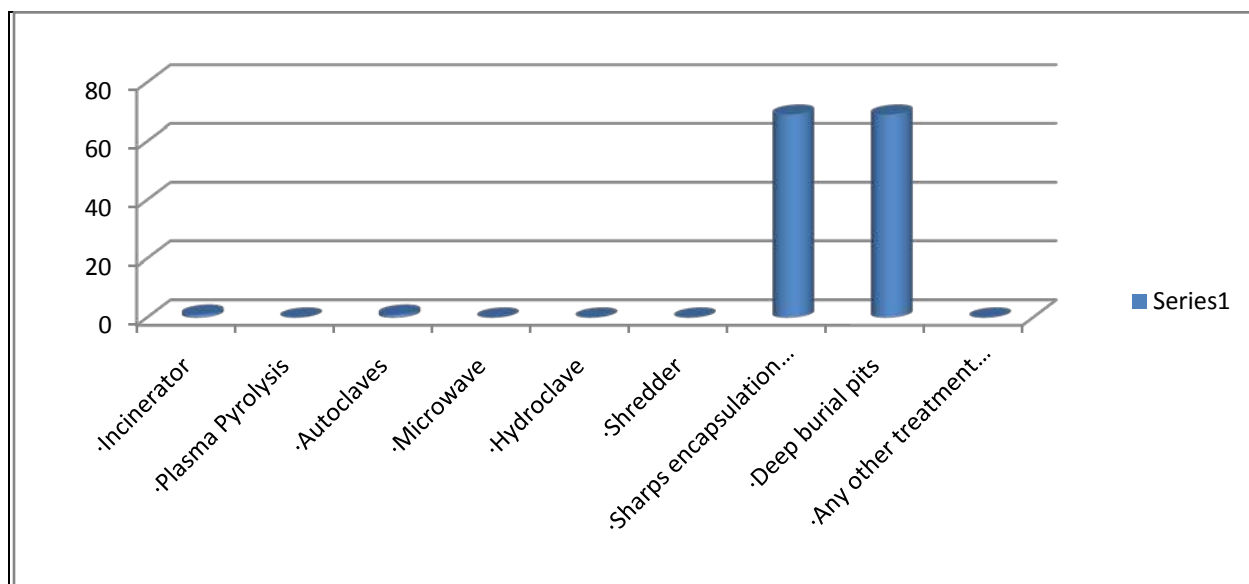
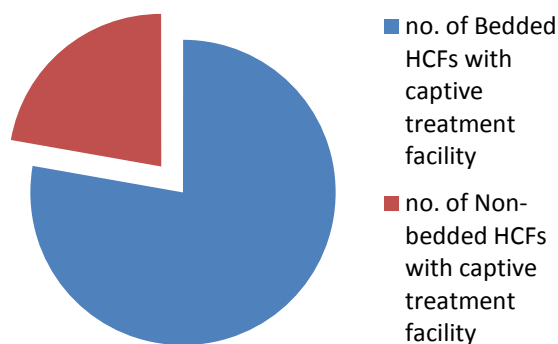
Fig.11.2.2: Status of authorization granted by the Board for HCFs under BMW Rules as on March 2017

**11.2.3 Captive treatment facility:** Details of captive treatment facility installed by HCFs is shown in Table-11.2.3 (i-iii)

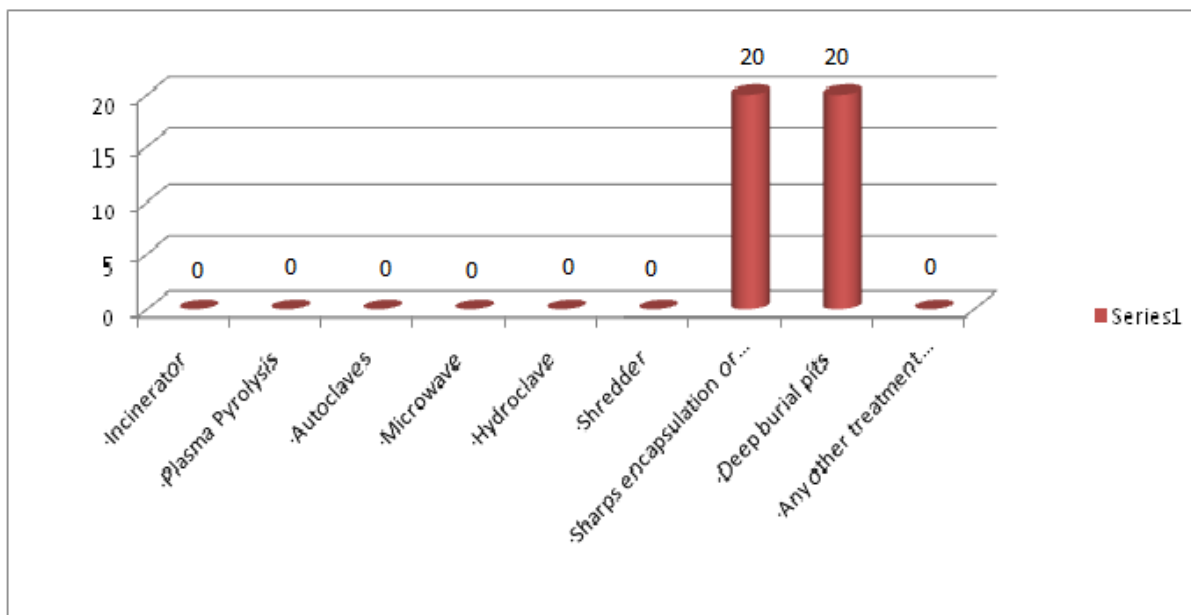
**Table-11.2.3 (i)**

S. No.	HEALTHCARE FACILITY	TREATMENT & DISPOSAL				
		No. OF HCFS HAVING CAPTIVE TREATMENT FACILITIES	TOTAL INSTALLED CAPTIVE TREATMENT FACILITY			TOTAL BIO-MEDICAL WASTE TREATED & DISPOSED BY CAPTIVE TREATMENT FACILITIES IN KG/DAY
			TYPE OF TREATMENT EQUIPMENT	No.	CAPACITY (IN KG/DAY)	
(I)	BEDDED	70	•INCINERATOR	1	240	80.5
			•PLASMA PYROLYSIS	NIL	NIL	NIL
			•AUTOCLAVES	1	220	117.34
			•MICROWAVE	NIL	NIL	NIL
			•HYDROCLAVE	NIL	NIL	NIL
			•SHREDDER	NIL	NIL	NIL
			•SHARPS ENCAPSULATION OR CONCRETE PIT	69	306	177.61
			•DEEP BURIAL PITS	69	415	252.26
			•ANY OTHER TREATMENT EQUIPMENT	NIL	NIL	NIL
(II)	NON-BEDDED	20	•INCINERATOR	NIL	NIL	NIL
			•PLASMA PYROLYSIS	NIL	NIL	NIL
			•AUTOCLAVES	NIL	NIL	NIL
			•MICROWAVE	NIL	NIL	NIL
			•HYDROCLAVE	NIL	NIL	NIL
			•SHREDDER	NIL	NIL	NIL
			•SHARPS ENCAPSULATION OR CONCRETE PIT	20	26	7.42
			•DEEP BURIAL PITS	20	25	6.74
			•ANY OTHER TREATMENT EQUIPMENT	NIL	NIL	NIL
			TOTAL (IN KG/DAY)			641.87





**Fig.11.2.3(ii): Types of treatment equipment for bedded HCFs**



**Fig.11.2.3 (iii): Types of treatment equipment for non-bedded HCFs**

**Common Bio-medical Waste Treatment Facilities (CBWTFs):** Details of Common Bio-Medical Waste Treatment Facilities in the state is shown in Table – 11.2.4

**Table 11.2.4: Common Bio-Medical Waste Treatment Facilities as on March 2017**

TOTAL NO. OF CBWTFs		TOTAL INSTALLED TREATMENT CAPACITY			TOTAL BIO-MEDICAL WASTE TREATED IN KG/DAY
IN OPERATION	UNDER CONSTRUCTION	TYPE OF TREATMENT EQUIPMENT	NO.	TOTAL CAPACITY (IN KG/DAY)	
1	NIL	Incinerator	1	800	331.1
		Autoclave	NIL	NIL	NIL
		Hydroclave	NIL	NIL	NIL
		Microwave	NIL	NIL	NIL
		Shredder	NIL	NIL	NIL
		Sharps encapsulation or concrete pit	NIL	NIL	NIL
		Deep burial pits	NIL	NIL	NIL
		Any other equipment	NIL	NIL	NIL
		Effluent Treatment Plant	NIL	NIL	NIL
		Total	1	800	331.1

### 11.3.0 SOLID WASTE MANAGEMENT RULES, 2016.

The Meghalaya State Pollution Control Board enforces the Solid Waste Management Rules, 2016 through local bodies and review implementation of these rules twice a year in coordination with the Meghalaya Urban Development Authority (MUDA), Urban Affairs Department and the Deputy Commissioner of the District. The Board inspects/monitors environmental standards and adherence to conditions as specified under the Schedule-I and Schedule-II for waste processing and disposal sites, examine the proposal for authorization for waste processing and disposal from the local body or any other agency authorized by the local body. The Board grants authorization to the local body or an operator of a facility or any other agency authorized by local body for setting up of the solid waste processing and disposal facilities.

#### 11.3.1 Status of Solid Waste Management and the progress made by local bodies

##### TURA MUNICIPAL BOARD

A Vermi-compost Plant is adopted at Tura for processing of bio-degradable waste. Monitoring of the performance of the waste processing and disposal facility has not been carried out by the Board due to acute

shortage of Scientific and Technical manpower. A study of the solid waste generation and characteristic of the Municipal area has been undertaken by M/s Anderson Biotech, Shillong and the detailed project report has been submitted to the Government in the Urban Affairs Department, Meghalaya to move for sanction of funds from the Government of India for a Scientific Solid Waste Management Project. The Project Report has been accepted by the Government of India and construction work has been commenced and structure is completed at Municipal Dumping Ground located at Rongkon Songgital but installation of machineries has not been done. The Tura Municipal Board has no proposal for selection of a new site for future use.

### **JOWAI MUNICIPAL BOARD**

The Jowai Municipal Board has acquired a plot of land at Sabah Muswang for the purpose of construction of a scientific landfill. The Detailed Project Report for the proposed project has been prepared by the Meghalaya Urban Development Authority and has been submitted to the Government for approval. Monitoring of the performance of the waste processing and disposal facility is not required presently as there is no processing facility. The Jowai Municipal Board does not have its own disposal site. At present, the Municipal Solid Waste collected by the Board is disposed/dumped at the Jaintia Hills Autonomous District Council dumping ground at Myngkjai. The Jowai Municipal Board has acquired a plot of land at Sabah Muswang for the purpose of construction of a scientific landfill.

### **WILLIAMNAGAR MUNICIPAL BOARD**

There is no proposal for processing of Municipal Solid Waste either by composting, vermi-composting or pelletisation by the Williamnagar Municipal Board. Monitoring of the performance of the waste processing and disposal facility is not required presently as there is no processing facility. There is no proposal for the improvement of the existing landfill site by the Williamnagar Municipal Board. The Board has no proposal for selection of a new site for future use as the average daily quantity of waste generated is only about 10.9 MT and the existing site has sufficient area for its disposal.

### **SHILLONG MUNICIPAL & CANTONMENT BOARDS**

An Aerobic Compost Plant has been set up at Mawiong for treating bio-degradable municipal solid waste. The total quantity of waste processed for composting was 35 MTPD. The Municipal Solid Wastes generated by the areas under the Shillong Municipal Board, Shillong Cantonment Board and few localities outside the municipal areas were processed at this processing Plant. Monitoring of the performance of the waste processing and disposal facility was carried out by the Board from time to time. The State Investment Programme Management & Implementation Unit (SIPMIU) will be setting up a Scientific Landfill near Umsawli Village outside Shillong under the North Eastern Region Capital Cities Development Investment Programme (NERCCDIP) with the financial assistance of the Asian Development Bank (ADB).

Coloured bins (Green and Blue) i.e. Wet waste (biodegradable) in the GREEN bin and non-biodegradable waste in the BLUE bin have been provided by the Shillong Municipal Board through an ADB funded

project. About 60% compliance of segregating waste at household level and storing in colour coded bins has been registered during the operation segregation.

Daily collection of garbage was being done from community dustbins as well as door-to-door. To control the unregulated throwing of waste 200 nos. of bamboo dustbins, 30 nos. of hanging dustbins and sign boards for prohibition of throwing were being installed and displayed. To bring about public awareness and participation, Shillong Cantonment Board has initiated a cleaning drive of the Umshyrpi River.

### RESUBELPARA MUNICIPAL BOARD

There was no proposal for processing of Municipal Solid Wastes either by composting, vermi-composting or pelletisation by the Resubelpara Municipal Board as the quantity of the waste generation was very less, at an average of 0.75 MT/day. Monitoring of the performance of the waste processing and disposal facility was not required presently as there was no processing facility.

### 11.3.2 PLASTIC WASTE MANAGEMENT RULES 2016

The implementation of the Plastic Waste Management Rules 2016 is a continuous process.

All the Municipalities in the State have been informed to implement the Plastic Waste Management Rules 2016.

Use and sale of plastic bags less than 50 microns has been prohibited and public notice has been issued vide No.MPCB/TB-144(B)/2016-2017/79 dated 16<sup>th</sup> February 2017 regarding compliance to the PWM Rules 2016. The same has been forwarded to all the District Administrations for implementation.

Plastic Units Registered and their products are as follows:

M/S Megha Polycon (P) Ltd.	: DPE/LLDPE Water Storage Tanks
M/S Kakarania Innovative Systems (P) Ltd.	: Polythene tubes; Plastic bags (plain/printed); Plastic sheet films; Linear Wrappers; Laminated rolls/pouches (plain/printed)
M/S Meghalaya Polymers	: Water Stage Tanks
M/S K R Polymers	: Plastic Pipes and Pipe Fittings

### Collection of plastic waste

The Waste was collected as municipal waste into dry waste and wet waste:

The plastic waste was segregated from the dry waste at the dumpsite and collected for compaction and bailing.

### Processing of Plastic Waste

Workshops have been conducted with cement plants for co-processing of plastic waste to be used as refuse derive fuel (RDF)

Estimated Plastic Waste Generation Tons Per Annum (TPA) from the 7 Municipalities for the year 2016-17 are as follows:

Shillong Municipal Board-5.976 MT

Shillong Cantonment Board-2 MT

Baghmara Municipal Board-0.3 MT

Tura Municipal Board-2.73 MT

Resubelpara Municipal Board- 0.3 MT

Jowai Municipal Board-1.57 MT

Williamnagar Municipal Board- 0.36

**Total= 13.936 MTPA**

### **11.3.3 E-Waste (Management) Rules, 2016:**

E-Waste (Management) Rules, 2016 which was notified vide Notification No.GSR 339(E) dated 23/03/2016 by the Ministry of Environment, Forest & Climate Change, Government of India and enacted and put into forced from 1<sup>st</sup> October,2016. The objective of this Rules is to improve the E-waste Management System in the Country and to eliminate the constraints in implementation of the existing Rules and also to give thrust on waste minimization, recycling, for treatment and processing, scientific disposal etc.

The E-Waste Management Rules, 2016 applies to every manufacturer, producer, consumer, bulk consumer, collection centres, dealers, e-retailer, refurbisher, dismantler and recycler involved in manufacture, sale, transfer, purchase, collection, storage and processing of e-waste or electrical and electronic equipment listed in Schedule I, including their components, consumables, parts and spares which make the product operational.

The Meghalaya State Pollution Control Board vide letter *No.MPCB/TB-8/2005/2016-2017/103 Dated 17<sup>th</sup> February, 2017* has published Public Notice for awareness of all Manufacturer, Producers, Collection Centre, Dealers, Refurbishes, Consumers & Bulk Consumers, Dismantler, Recycler on the provisions of E-Wastes Management Rules, 2016 for necessary compliance.

There is no E-Waste Manufacturing Unit, Recycling Unit within the State of Meghalaya. M/s J.S. Enterprise a Collection Centre having its registered office at Pohkse, Shillong, East Khasi Hills District, Meghalaya is the only agency granted Authorization for collection, storage and transportation of E-Waste in the State of Meghalaya. The total quantity of E- Waste collected by M/s J.S. Enterprise for the year 2016-2017 was 300 Kg.

#### 11.3.4 The Batteries (Management and Handling) Rules, 2001.

The implementation of the Batteries (Management and Handling) Rules, 2001 is a continuous process.

There were no batteries manufacturing industry in Meghalaya.

M/s Green Vision Technologies Pvt Ltd, is the only register Assembler of batteries in the State. The Unit had assemble and sold 513 Nos. weighing up to 5919 Kg. of Batteries during the year 2016-2017.

No imported of batteries was register with the Board.

Following were the nos. of registered Bulk consumer during the year 2016-2017.

Sl . No	Name & Address of bul consumer	Quantity of batteries purchased		Quantity of batteries sent to Authorized recyclers	
		Nos	Weights in kgs	Nos	Weights in kgs
1.	Office of the commioner of custom ( Preventive), Address : 110 Mahatma Gandhi Road, NER Shillong -793001	Nil	Nil	304 Nos	3040 kg
2.	Saigal Enterprice, Laitumkhrah centre point , Shillong 793003	233 Nos	3262	233 Nos	3262
3	Amrit Cement Limited, C/o Mr. R.C Rymbai , Umlaper village, Rymbai Elaka Jaintia Hills district 793200.	18	nil	Nil	Nil
4	Aviva Life insurance comapnty limited.2 <sup>nd</sup> Floor Gita Bhawan Building Police bazaar Thana Road Shillong 793001.	20	140	nil	nil

Also there is no registered auctioneer and recycler register with the Board.



### 11.3.5 Hazardous Waste Management

Hazardous Waste Management in the State of Meghalaya is a continuous process.

All the hazardous waste generating industries in the State have been informed to properly implement the Hazardous & Other Waste Management Rules 2016.

#### Annual inventory of Hazardous Waste Generation for the year 2016-2017

Sl. No	Name of the District	Number of HW generating units	Quantity of HW as per authorization (MTA)	Quantity of HW generated as per annual return (MTA)	Quantity disposed in captive SLF (MTA)	Quantity disposed through common SLF at TSDF (MTA)	Quantity disposed by captive incinerator	Quantity disposed through common incinerator at TSDF (MTA)	Quantity co-processed in cement kiln (MTA)	Quantity utilized under Rule 9 (MTA)	Quantity sent to recyclers of schedule-IV HW (MTA)	Captive utilization (MTA)	Quantity of HW stored at occupier premises at the end of the year (MTA)
	1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ri-Bhoi	5	9.72 KL/A & 450 MTPA	2.75 KL/A & 309.064 MTPA	—	—	—	—	—	—	2.75 KL	—	309.064
2	East Khasi Hills	1	20 KL	15 KL	—	—	—	—	—	—	15 KL	—	—
3	East Jaintia Hills	5	42.025 KL	24.50 KL	—	—	—	—	—	—	24.50 KL	—	—

### Prevailing Hazardous Wastes Management Practices

#### (a) Handling and Storage

The hazardous wastes in almost all the industries were being handled manually without any protective gears and in an unscientific manner. The general practices for storage of hazardous wastes followed by the industries were given below:

- Used oil from cement, metallurgical, mining and other units were collected in 200 litres drums and kept within plant premises.
- Acid residues were collected in bags and stored in a concrete lined pit.

**(b) Recycle/Reuse/Recovery**

It has been observed that some industries generating hazardous waste either reuse or recycle their wastes, while others sell their wastes to outside agencies for reuse or reprocessing. Reuse/recycling or reprocessing of some of the wastes being practiced in general in Meghalaya is described below:

- The used oil from cement manufacturing and mining were reused for initial firing of kilns in cement plants while some mild steel ingot manufacturing units uses used oil for lubrication of moulds. Some used oil was also used as fuel for reheating furnace.
- Zinc Ash sold to other parties for reuse.

**(c) Treatment**

Virtually no treatment process was being followed for hazardous wastes generated by the units.

**(d) Disposal**

Since, a centralized hazardous waste management facility was not in existence in the State of Meghalaya or the neighboring State; the units store their landfillable waste within their own premises in a concrete lined pit. The recyclable wastes were sold to registered recyclers for recycling.

**11.4 Public Hearing**

For a proposed 4.90 Ha. Limestone Mining of M/s Adhunik Cement Ltd.

Public hearings for any industry requiring environmental clearance either from the Ministry of Environment Forest & Climate Change or State Environmental Impact Assessment Authority in the State of Meghalaya were conducted in accordance under the provisions of the EIA Notification No.S.O.1533(E) Dated 14<sup>th</sup> September 2006 and its Amendment Notification No.S.O.3067(E), Dated 1<sup>st</sup> December 2009. For the year 2016-2017 only one public hearing was conducted by the Board i.e on **25<sup>th</sup> OCTOBER, 2016** for a proposed 4.90 Ha. Limestone Mining of M/s Adhunik Cement Ltd.

## CHAPTER – 12

### LEGAL MATTERS

#### 12.1 CASES PENDING IN THE COURT THAT INVOLVES THE MSPCB DIRECTLY/INDIRECTLY

Cases on Environmental Issues filed in the Courts, have involved the Meghalaya State Pollution Control Board (MSPCB) either directly or indirectly.

In cases of direct involvement the MSPCB files affidavit or answers the court directly and in cases of indirectly involvement in a case, the MSPCB answers, furnishes information/paragraph wise comments and submits reports to the State Government or Central Pollution Control Boards (CPCB).

There are cases where the Courts have constituted committees at National Level and sometimes at State Level for submitting reports and recommendations. In such cases the MSPCB furnishes reports /information directly to the committees or through the CPCB/State Government.

Matters are pending in the Hon'bl Supreme Court, the High Court , the National Green Tribunals and the District Courts and are highlighted in the following table :-

##### 12.1.1 CASES IN THE SUPREME COURT

The following table highlights on the subject matter and involvement of the MSPCB in cases pending in the Supreme Court during 2016-2017:-

Sl. No.	Name of the Case	Subject Matter	Involvement
1.	W.P. (Civil) No. 212 of 2013, National Legal Services Authority Vs. Union of India & Ors.	Sand Mining	MSPCB furnishes information/ paragraph - wise comments through the State Government and follows directions from time to time.
2.	Writ Petition (civil) No. 202 of 1995 T.N. Godavarman Thirumulpad Vs. Union of India.	Site Clearance by MoEF.	Following directions from the State Government.
3.	SLP NOs.16308/07 with SLP 16314/07, 16317/07, 16467-16469/07, WP Nos.131/11, 141/11, 289/11344/11, 69/11,182/11, 354/11 and	Plastics Waste (Management and Handling) Rules, 2011 and the Municipal Solid Waste	Pollution Control Boards became impleaded vide Order Dt. 3-4-2013- filing affidavit and complying to directions from time to time.

	304/11. Contempt Petition Nos. 236/11, 237/11, 288/11, 356/11, 37/12 in SLP No. 16308/07 and Contempt Petition No. 348/11 in SLP No. 19467- 19469/07. ANKUR GUTKA ETC. ETC Petitioners Versus- INDIAN ASTHAMA CARE SOCIETY Respondents AND ORS. ETC. ETC	(Management and Handling) Rules, 2000	
4.	Writ Petition (C) No. 657 of 1995- Research Foundation for Science Technology and Natural Resource Vs. Union of India & Ors	Hazardous Waste.	Complying the directions of the Court and recommendations of the Supreme Court Monitoring Committee and submitting report through the Central Pollution Control Board.
5.	Writ Petition (civil No. 309 of 2003. Laxmi Narain Modi Vs. Union of India & Ors. With WP (C) No. 330 of 20 01. With WP(C) No. 44 of 2004 With WP(C) No. 688 of 2007.	Slaughter House.	Complying the directions and submitting report through the Central Pollution Control Board and through Committee at state level from time to time.
6.	Union of Civil Appeal no.5119-20 of 2015- Don Bosco School through its administrator & ors. vrs. Union of India & Ors	Environmental Clearance for Mining.	Sending Parawise comments to the Government.
7.	W.P.(C) No. 000375/2012 Paryavaran Suraksha Samiti Vs. Union of India.	Installation of ETP, CETP, STP by all industries that require consents from Pollution Control Boards.	MSPCB submits action taken report to CPCB, the NGT/Principal Bench, Delhi and the Eastern Zone Bench, Kolkata

In Writ Petition (C) No. 657 of 1995- Research Foundation for Science Technology and Natural Resource Vs Union of India & Ors and Writ Petition (Civil) No. 309 of 2003- Laxmi Narain Modi Vs. Union of India & Ors. With WP (C) No. 330 of 2001. With WP(C) No. 44 of 2004 & With WP(C) No. 688 of 2007, the

MSPCB furnishes information to the Committees formed by the Supreme Court or through the Central Pollution Control Board or the State Government.

Whereas in Ankur Gutka -Vrs-Indian Asthma Care Society the MSPCB got impleaded vide Order Dated 03-04-2013 and became direct respondent . Affidavit was filed in the Registry of the Hon'bl Supreme Court on implementation of the Plastics Waste (Management and Handling) Rules, 2011 and the Municipal Solid Waste (Management and Handling) Rules,2000.

### **12.1.2 CASES IN THE HIGH COURT**

In the High Court, the cases involved the MSPCB either as Direct Respondent or as Proforma Respondent and when involved indirectly the MSPCB answers through the State Government.

The following table highlights on the subject matter and involvement of the MSPCB in cases pending in the High Court 2016-2017

Sl. No.	Name of the Case	Subject Matter	Involvement
1.	W.P.(C) No. 12 (SH) of 2005, Shri. Ronald Rikman Sangma .Vs. The Sate of Meghalaya & Ors	Closure Notice of MSPCB on Hotel of Petitioner Shri. Ronald Rikman Sangma, Tura.	Direct Respondent. The matter is disposed.
2.	PIL No. (SH) 5 of 2012, The Hima Langrin Youth Welfare Organisation .Vs. Sate of Meghalaya & Ors.	Unscientific mining and explosives causing pollution of the water resources, ecological imbalance and agricultural resources in Langrin Syiemship.	Direct Respondent – filing affidavit and complying to directions of the court.
3.	PIL Suo Moto No. (SH) 4/2012. Threat to life and Environment arising out of Cement Plant in Jaintia Hills District Vs. State of Meghalaya & Ors. Gauhati High Court , (Shillong Bench)	Cement Plants in Jaintia Hills	MSPCB direct Respondent and filing affidavit  SEIAA direct Respondent and filing affidavit.
4.	PIL No.88/2010, Shri Sawang Lamurong & Ors. Vs. State of Meghalaya & Ors. Gauhati High Court , (Shillong Bench).	Coal Mining in Deishalalu, Jaintia Hills.	MSPCB is direct Respondent- filing affidavit and complying to the directions of the court.
5.	Crl.Petn 31/2015-Meghalaya Agrovet Pvt Limited Vs State of Meghalaya & Ors.	Pollution and contamination of Umtrew River by the waste products and other chemical	MSPCB is direct Respondent and files affidavits.

		release by Meghalaya Agrovat Pvt Ltd	
6.	W.P ( C) No.251 of 2013 M/s Dyna Roof P Ltd Vs State of Meghalaya & Ors	Central Sales Tax collected by way of subsidy granted by the state by the Petitioner Industry	Directions anticipated.

In W.P.(C) No. 12 (SH) of 2005, Shri. Ronald Rikman Sangma .Vs. The State of Meghalaya & Ors, PIL No. (SH) 5 of 2012, The Hima Langrin Youth Welfare Organisation Vs. State of Meghalaya & Ors., PIL Suo Moto No. (SH) 4/2012. Threat to life and Environment arising out of Cement Plant in Jaintia Hills District Vs. State of Meghalaya & Ors., PIL No.88/2010, Shri Sawang Lamurong & Ors. Vs. State of Meghalaya & Ors., WP(C) 96 of 2012. the MSPCB is direct respondent.

In Crl.Petn 31/2015-Meghalaya Agrovat Pvt Limited Vs State of Meghalaya & Ors, the MSPCB is an indirect respondent.

In W.P (C) No.251 of 2013-M/s Dyna Roof P Ltd Vs State of Meghalaya & Ors, the MSPCB has to produced all the documents of the concern Firm/Industry.

## **12.2 CASES IN THE COURT OF THE DEPUTY COMMISSIONER, RI BHOI DISTRICT, NONGPOH.**

<b>Sl. No.</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Involvement</b>
1.	Crl.Petn 31/2015-Meghalaya Agrovat Pvt Limited Vs State of Meghalaya & Ors	Pollution and contamination of Umtrew River by the waste products and other chemical release by Meghalaya Agrovat Pvt. Ltd.	Complying to directions from time to time.

## **12.3 CASES IN THE NATIONAL GREEN TRIBUNALS**

Since the inception of the National Green Tribunal (NGT) cases involving the MSPCB have been mostly filed in the Tribunals. The NGT has constituted Zonal Benches for hearing cases in the Eastern Zone, in the Western Zone, in the Southern Zone and the Central Zone. The Principal Bench sometimes carries out Circuit Benches in the different States of India in matters having direct connection with the concerned state for quick disposal of the same.

The MSPCB apart from cases in the Principal Bench and Eastern Zone Bench at Kolkata, it also has some cases in the Circuit Bench at the Meghalaya High Court, Shillong. The following tables display the cases in their nature of involvement in different benches:-

### 12.3.1 PRINCIPAL BENCH, NEW DELHI

Sl. No.	Name of the Case	Subject Matter	Involvement
1.	Appl. No.37/2013 (THc). Wassan Singh Vs. State of Punjab & Ors.	Noise Pollution and industries running without Consents from Pollution Control Boards.	Complying to directions from the Tribunal and submitting / reporting through the CPCB.
2.	Org. Appl. No.171 of 2013. National Green Tribunal Bar Association Vs. MoEF & Ors.	Removal of minerals from river beds (sand mining)	Complying to directions of the Tribunal coming through the CPCB and the State Govt.( Forest & Env. Dept.)
3.	Appl. No. 199/2014, Almitra H. Patel & Anr. Vs. Union of India & Ors.	Municipal Solid waste Management	Complying to directions of the Tribunal and submitting reports through the CPCB.
4.	Original Application No.124/2014 & Misc Application No.55/2014 Money Goyal & Ors Vrs MoEF & Ors	Plastic Waste	Furnishing required information through the CPCB.
5.	Original Application No.117 of 2014 Shantanu Sharma Vs Union of India & Ors	Fly Ash and its disposal	Direct Respondent and filing Affidavits.
6.	OA No.21 Of 2014-Vardhaman Kaushik Vrs Union of India & Ors and OA No.95 Of 2014- Sanjay Kulshrestha Vrs Union of India & Ors	Air Pollution and steps taken for prevention and control of Air Pollution	Replies and complies to directions of Tribunal.
7.	Original Application No. 110(THc)/ 2012, Threat to Life Arising Out of coal Mining in South Garo Hills District .Vs. State of Meghalaya.	30 coal laborers trapped in a coal mine, 15 escaped and 15 reported to have died inside the coal mine.	Direct Respondent - filing affidavits and complying to directions of the Tribunal.
8.	Appl. No. 13 of 2014, Impulse NGO Network Vs. State of Meghalaya & Ors.	Illegal Mining activities in about 5000 coal mines and about one lakh quarries in Jaintia Hills District of Meghalaya.	Direct Respondent and filing affidavit.



9.	Appl. No. 73 of 2014, All Dimasa Students Union dima Hasao Dist. Committee Vs. State of Meghalaya & Ors.	Illegal mining in Jaintia Hills, causing acidity of the river Koopily consequently eroding the turbines of the Hydro Power Plant at the said river.	Direct Respondent – filing affidavit and carrying directions of the Tribunal and the Committee formed by the tribunal.
10.	Appl. No. 186/2014. Thomas Nongtdu & Anr. Vs. The State of Meghalaya & Anr.	Coal Mining, transporting the extracted coal & Mining Plan	Direct Respondent and filing affidavit.
11.	OA No.102 of 2014- Sandplast(india) Ltd & Anrs Vrs Ministry of Environment & Forest & Ors	Fly Ash	Direct Respondent and filing affidavits in answering the Tribunal.
12.	Application No.498 of 2015- Pushp Saini vs MOEF & ORS	Hydro Power Project	Direct Respondent and filing affidavit.
13.	Org. Appl No. 593 of 2017 in W.P. (Civil) No. 375 of 2012 Paryavaran Suraksha Samiti & Anr Vs Union of India & Ors	NGT, Delhi follows up the State Pollution Control Boards on Order/Directions of the Supreme Court.	MSPCB files affidavits submitting reports of actions taken on Order/Directions of the Supreme Court to the Tribunal.

### **12.3.2 CASES DISPOSED**

<b>Sr. No</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Remarks</b>
1.	Original Appl. No. 183/2014. Toxic Link Vs. Union of India & Ors.	E-Waste	Matter got disposed on 06 <sup>th</sup> April, 2016
2.	Original Application NO. 188/2014 Toxic Link V/s Union of India & Ors.	Compact Fluorescent Lamps(CFL) containing small amount of mercury in solid form	Matter got disposed on 02 <sup>nd</sup> September, 2016
3.	Original Application No.318 of 2013 Rajendra Singh Bhandari - Vrs- State of UK & Ors	Name, designation, experience and qualification/s of Chairman, Member Secretary and Member of the Board.	Judgement pronounced on the 24 <sup>th</sup> August, 2016
4.	Application No. 227 of 2015 Vineet Dhanda Vrs Union of India & Ors	Air Pollution, pre-mature Deaths, etc...	Matter disposed on the 14 <sup>th</sup> July, 2015

5.	Org. Appl. No. 63 of 2012. Haat Supreme Wastech Pvt. Ltd. & Ors. –Vrs- State of Haryana & Ors.	Common Treatment Plant (CTP) for disposing of Bio-Medical waste (BMW).	Judgement pronounced on the 28 <sup>th</sup> November 2013
6.	Appeal No. 05 of 2014, M/s Ardent Steel Limited Vs. MoEF & Ors.	EC for stand alone pelletizing plants.	Judgement pronounced on the 27 May, 2014
7.	Appl. No. 65/2012 (THc). Sureshbhai Keshavbhai Waghvankar & Ors. Vs. The State of Gujarat & Ors.	Effects of Plaster of Paris made idols on water due to immersion.	Judgement pronounced on the 09 <sup>th</sup> May, 2013

#### **12.4.1 EASTERN ZONE, KOLKATA**

<b>Sl. No.</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Involvement</b>
1.	Appl. No. 42 (THc) of 2014, (WP(C) Suo Moto 76/2012 of Meghalaya High Court, Environmental Pollution & Health Hazard in the State Vs. State of Meghalaya & Ors.	Based on a performance audit CAG Report on MSPCB that was printed in the media.	Direct Respondent- implementing the directions of the tribunal and filing affidavits.
2.	Appl. No. 146 of 2014. Nababrata Bhattacharjee Vs. State of Meghalaya & Ors.	Pollution of the River Umkhras & Umshyrpi.	Direct Respondent - implementing the directions of the tribunal and filing affidavits.
3.	O.A No.15/2016/EZ Shri James Roy Kurbah vs Shillong Municipal Board & Ors	Pollution of the river Wah- Umshyrpi.	Direct Respondent- implementing the directions of the tribunal and filing affidavits.
4.	Original Application NO.172/2016/EZ- Sajay Laloo Vs State of Meghalaya & Ors.	Contamination of river Myntdu, Jowai	Direct Respondent- implementing the directions of the tribunal and filing affidavits.
5.	Misc.Application No, 121/2017/EZ in W.P( C ) No.375/2017(SC)-Paryavaran Suraksha Samiti & Anr Vs Union of India & Ors	Making the primary Effluent Treatment Plant fully operational within 3(three) months from the date of Judgment i.e. 22.02.2017	Matter came out and got disposed on the same Financial Year i.e. 2016-2017 but the MSPCB files affidavit from time to time in the Tribunal reporting the actions taken by it in compliance to the directions of the Judgment.

6.	Appeal No. 07/2016/EZ- Pinewood Hotel & Ors vrs MSPCB & Ors	Closure notice issued by MSPCB against the said hotel.	MSPCB was Respondent.
7.	Appeal No. 08/2016/EZ-Orchid Lake & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel	MSPCB was Respondent.
8.	Appeal No. 09/2016/Ez-State Convention Centre & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel	MSPCB was Respondent.
9.	Original Application. NO.95/2016/EZ- Orchid Hotel & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel	MSPCB was Respondent.
10.	(MA 1087,1088,1089,1090 & 1091/2016/EZ) IN O.A NO.42/THC/2014/PB/5/EZ- Ri kynjai Serenity, Royal Heritage Tripura Castle Hotel Centre Point-Vs-Environment Pollution & Health Hazard In the State & Ors.	Closure notice issued by MSPCB against the said hotel	MSPCB was Respondent.

#### **12.4.2 CASES DISPOSED**

<b>Sl. No</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Remarks</b>
1.	OA. No. 76/2015/EZ Joydeep Mukherjee Vrs MSPCB Shillong	Brick Kiln	Matter disposed on the 2 <sup>nd</sup> November 2016
2.	Appeal No. 07/2016/EZ- Pinewood Hotel & Ors vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel.	Matter disposed on the 5 <sup>th</sup> December 2016
3.	Appeal No. 08/2016/EZ-Orchid Lake & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel.	Matter disposed on the 5 <sup>th</sup> December 2016
4.	Appeal No. 09/2016/Ez-State Convention Centre & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel.	Matter disposed on the 5 <sup>th</sup> December 2016
5.	Original Application. NO.95/2016/EZ- Orchid Hotel & Ors Vrs MPSCB & Ors	Closure notice issued by MSPCB against the said hotel.	Matter disposed on the 5 <sup>th</sup> December 2016
6.	(MA 1087,1088,1089,1090 & 1091/2016/EZ) IN O.A NO.42/THC/2014/PB/5/EZ- Ri Kynjai Serenity, Royal Heritage Tripura Castle Hotel Centre Point-Vs-Environment Pollution & Health Hazard In the State & Ors	Closure notice issued by MSPCB against the said hotel.	Matter disposed on the 5 <sup>th</sup> September, 2016

### **12.5 WESTERN ZONE, PUNE**

<b>Sl. No.</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Involvement</b>
1.	Execution Application No.03/2017 in Application No. 39 of 2013(WZ) Dileep B.Nevatia Vs Ministry of Road Transport & Highways & Anr	Noise Pollution from vehicles and Air pollution emitted by vehicles	Matter pending. Complying to the directions of the Hon'ble NGT court from time to time.

### **12.6 CASES FILED IN THE DISTRICT COURTS OF MEGHALAYA**

The NGT, Eastern Zone Bench, Kolkata in its various orders of the cases pending before it mentioned above had directed that the MSPCB take Legal action against the defaulting industries. Industries which defaulted beyond the directions under section 33A of the Water (Prevention and Control of Pollution) Act, 1974 and section 31A of the Air (Prevention and Control of Pollution) Act, 1981 were complained before the Magistrate First Class of concerned Districts as empowered under Chapter VII of the Water (Prevention and Control of Pollution) Act, 1974 and Chapter VI of the Air (Prevention and Control of Pollution) Act, 1981.

The following are the Complaints before the District Courts:

<b>Sl. No.</b>	<b>Name of the Case</b>	<b>Subject Matter</b>	<b>Involvement</b>
1.	Meghalaya State Pollution Control Board -Vrs- Swish Cafe	Violation of the terms and conditions of the Consent granted by the Board.	Complainant
2	C.R. Case No. 8/2017 Meghalaya State Pollution Control Board -Vrs- Para Diso Hotel	Running the hotel without obtaining consent from the Board	Complainant
3.	C.R. Case No. 10/2017 Meghalaya State Pollution Control Board -Vrs- Starline Hotel	Running the hotel without obtaining consent from the Board	Complainant
4.	C.R. Case No. 9/2017 Meghalaya State Pollution Control Board -Vrs- Broadway Hotel.	Running the hotel without obtaining consent from the Board	Complainant

## CHAPTER – 13

### FINANCE & ACCOUNTS

The unaudited financial summary for the financial year 2016-17 reveals that during the said period, the State Board received a total amount of ₹700.00 Lakhs and total expenditure is ₹669.50. The State Board earned its total revenue from different industrial units in Meghalaya on account of Consent Fees, Sale of Forms, Authorization fees Biomedical/Hazardous Waste, Vehicle Emission Test, Water Sample Analysis etc. and also Water Cess Re-imbursement, Non-Plan Grants from State Government was utilized for payment of Pay and Allowances to the Officers and Staff. Plan Grants was received from State Government for various development activities. Grants and financial assistance was received from Ministry of Environment and Forest and Central Pollution Control Board, New Delhi for different projects and schemes.

The financial summary of the Board during the year 2016-2017 is as shown in the table below:

<b>Status of Unaudited Financial Summary for the Financial Year 2016-17</b>			
Sl.No	Head of Accounts	Amount ₹ (in Lakhs)	
		Receipt	Expenditure
1	<b>Board's Revenue</b>		
	i.(Boards Revenue) Consent Fees, Sale of Forms, Authorization Fees Biomedical/Hazardous Waste,Vehicle Emission Test,Water Sample Analysis.	263.11	134.60
	ii. Bank interest.	44.86	
	Sub Total 1. (i to ii)	<b>307.97</b>	<b>134.60</b>
2	<b>State Government (Non-Plan) Head</b>		
	i.Grant-in-Aid, Salary, from State Government(Non-Plan) for Pay & Allowances	319.40	357.95
	ii.Grant-in-Aid, from State Government (Non-Plan) Non-Salaries	42.00	52.26
	Sub Total 2.(i to iii)	<b>361.40</b>	<b>410.21</b>
3	<b>State Government Plan Head</b>		
	Grant-in-Aid from State Government(Plan)	30.00	66.91
4	<b>M.O.E.F.New Delhi</b>		
	i. Grant-in-Aid/Financial Assistance from Ministry of Environment & Forest, New Delhi	0.00	23.87
	ii.Re-imbursement of Water Cess	0.63	3.85
	<b>C.P.C.B., New Delhi</b>		
	iii. Grant-in-Aid/Financial Assistance from Central Pollution Control Board, New Delhi.	0.00	30.06
	Sub Total 4 (i to iii)	<b>0.63</b>	<b>57.78</b>
	<b>Total</b>	<b>700.00</b>	<b>669.50</b>
<b>Excess Of Receipt over Expenditure</b>			

**Receipt and Expenditure during the Financial Year 2016-17**

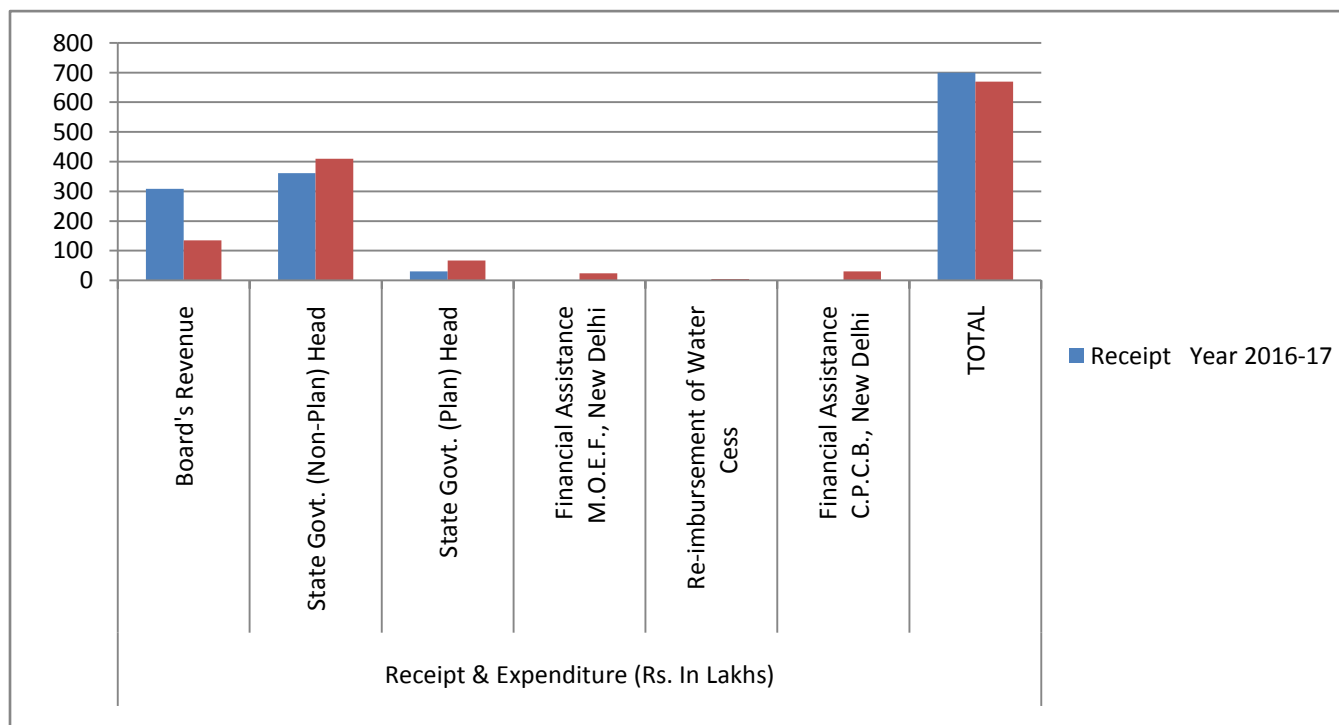


Fig. 13.1: Receipt & Expenditure during 2016-2017

ANNEXURE-1

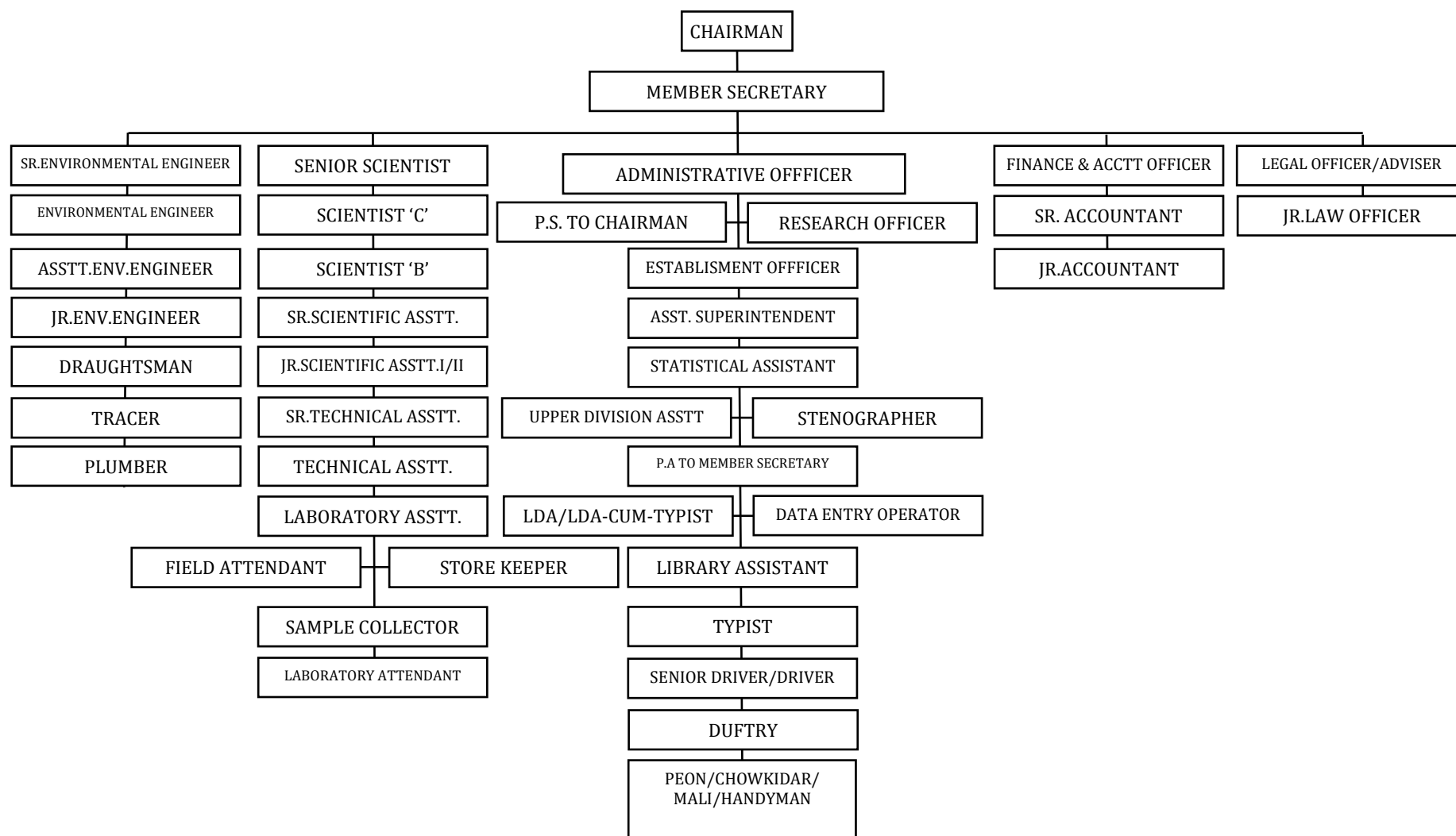
Staff Position of the Meghalaya State Pollution Control Board

SL. NO	NAME OF THE POST	SANCTIONED STRENGTH	WORKING STRENGTH	VACANCY
	<b>TECHNICAL</b>			
1.	SENIOR ENVIRONMENTAL ENGINEER	1	1	0
2.	ENVIRONMENTAL ENGINEER	2	2	0
3.	ASSTT.ENVIRONMENTAL ENGINEER	5	4	1
4.	JUNIOR ENVIRONMENTAL ENGINEER	1	1	0
5.	DRAFTSMAN	1	0	1
6.	TRACER	1	1	0
7.	PLUMBER	1	1	0
	<b>LEGAL</b>			
8.	LEGAL OFFICER/ADVISER	1	0	1
9.	JUNIOR LAW OFFICER	1	1	0
	<b>SCIENTIFIC</b>			
10.	SENIOR SCIENTIST	1	1	0
11.	SCIENTIST-C	2	1	1
12.	SCIENTIST-B	3	1	2
13.	SENIOR SCIENTIFIC ASSTT.	3	1	2
14.	JUNIOR SCIENTIFIC ASSTT Gd I	4	3	1
15.	JUNIOR SCIENTIFIC ASSTT Gd II	3	2	1
16.	SENIOR TECHNICAL ASSTT.	1	1	0
17.	TECHNICAL ASSTT.	2	0	2
18.	LABORATORY ASSTT.	4	2	2
19.	STORE KEEPER	1	1	0
20.	FIELD ATTENDANT	1	0	1
21.	SAMPLE COLLECTOR	10	4	6
22.	LAB. ATTENDANT	4	2	2
	<b>ADMINISTRATION &amp; ACCOUNTS</b>			
23.	ADMINISTRATIVE OFFICER	1	0	1
24.	FINANCE & ACCOUNTS OFFICER	1	0	1
25.	PRIVATE SECRETARY TO CHAIRMAN	1	0	1
26.	RESEARCH OFFICER (Eco & Stat)	1	0	1
27.	SENIOR ACCOUNTANT	1	0	1
28.	ESTABLISHMENT OFFICER	1	1	0
29.	ASSTT. SUPERINTENDENT	1	1	0
30.	JUNIOR ACCOUNTANT	2	2	0
31.	STATISTICAL ASSTT.	1	0	1
32.	STENOGRAPHER	1	1	0
33.	UPPER DIVISIONAL ASSTT.	4	4	0
34.	P.A TO MEMBER SECRETARY	1	0	1
35.	L.D.ASSTT./LDA-CUM-TYPIST	12	4	8
36.	DATA ENTRY OPERATOR	2	2	0
37.	TYPIST	4	2	2
38.	LIBRARY ASSTT.	1	0	1
39.	SENIOR DRIVER/DRIVER	10	7	3
40.	PEON	19	15	4
41.	MALI	1	0	1
42.	DUFTRY	1	1	0
43.	HANDY MAN	1	0	1
44.	CHOWKIDAR	3	2	1
	<b>TOTAL</b>	<b>123</b>	<b>72</b>	<b>51</b>



## ANNEXURE-2

### ORGANISATIONAL CHART



## ANNEXURE-3

## CONSENT TO ESTABLISH/CONSENT TO OPERATE ISSUED DURING THE YEAR 2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
1	M/S PRIYANG SAW CUM VENEER MILL	SAW-cum-Veneer MILL	Khliehtyrshi Industrial Area, West Jaintia Hills	04.04.2016	
2	M/S EVERGREEN SAW MILL	SAW MILL	Khliehtyrshi Industrial Area, West Jaintia Hills	08.04.2016	
3	M/S RELIANCE JIO INFOCOM LTD	DG SET	Upper New Nongstoin, West Khasi Hills	19.04.2016	
4	M/S NONGTUDU STONE CRUSHER	STONE CRUSHER	Byndihati, East Jaintia Hills	21.04.2016	06.01.2017
5	M/S SHYLLA STONE CRUSHER	STONE CRUSHER	Byndihati, East Jaintia Hills	21.04.2016	
6	M/S R.K'S CITY HUB	HOTEL	Keating Road, Shillong, East Khasi Hills	26.04.2016	
7	M/S DAS FAST FOOD	RESTAURANT	Police Bazar, Shillong, East Khasi Hills	26.04.2016	
8	M/S HOTEL HERITAGE	HOTEL	Police Bazar, Shillong, East Khasi Hills	28.04.2016	
9	M/S CAR SERVICING	CAR SERVICING	Mawten, South West Khasi Hills	28.04.2016	
10	M/S W.B. STONE CRUSHER	STONE CRUSHER	Lusong, Sutnga Elaka, East Jaintia Hills	29.04.2016	05.08.2016
11	M/S LIVING ROOF GUEST HOUSE & CAFÉ	GUEST HOUSE & CAFÉ	Bomfyle Road, Shillong, East Khasi Hills	13.05.2016	
12	M/S J.S. LYGDOH TYRE RETHREADING	TYRE RETHREADING	Mawiong, East Khasi Hills	17.05.2016	31.05.2016
13	M/S HOTEL MEGHALAYA	HOTEL	Quinton Road, Shillong, East Khasi Hills	20.05.2016	05.10.2016
14	M/S PAVERS BLOCK MANUFACTURING UNIT	CEMENT PAVER BLOCK	7 <sup>th</sup> Mile, Pomlum, East Khasi Hills	20.05.2016	02.09.2016

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
15	M/S SHREE GANESH INDUSTRIES	SPICE GRINDING UNIT	Police Bazar, Shillong, East Khasi Hills	20.05.2016	
16	M/S HOTEL SWASTIK	HOTEL	Jail Road, Shillong, East Khasi Hills	24.05.2016	19.01.2017
17	M/S HOTEL RAJTILAK	HOTEL	Jail Road, Shillong, East Khasi Hills	24.05.2016	09.12.2016
18	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK V	Thangskai, East Jaintia Hills	01.06.2016	15.03.2017
19	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK III	Thangskai, East Jaintia Hills	06.06.2016	15.03.2017
20	M/S HEAL & SMILE DENTAL & MEDICAL CENTRE	DIAGNOSTIC CENTRE	Laitumkhrah, East Khasi Hills	10.06.2016	
21	M/S C.K. & GRANDSONS	AUTOMOBILE SERVICING UNIT	Mawsaw, East Khasi Hills	10.06.2016	
22	M/S SUNRISE GUEST HOUSE	GUEST HOUSE	Laban, Shillong, East Khasi Hills	16.06.2016	
23	M/S KALPATRU TEA STALL	RESTAURANT	Laitumkhrah, East Khasi Hills	16.06.2016	
24	M/S AGARWAL TEA STALL	RESTAURANT	Mawlonghat, Shillong, East Khasi Hills	16.06.2016	
25	M/S S.C.B.S. CANTEEN	RESTAURANT	Mawlonghat, Shillong, East Khasi Hills	17.06.2016	
26	M/S YADAV MISTAN	RESTAURANT	Mawlonghat, Shillong, East Khasi Hills	17.06.2016	
27	M/S HOTEL UTSAV	HOTEL	Jail Road, Shillong, East Khasi Hills	20.06.2016	02.12.2016
28	M/S BLUE BERRY INN	HOTEL	Rita Road, Shillong, East Khasi Hills	21.06.2016	
29	M/S MONMOHINI BEVERAGES	PACKAGE DRINKING WATER	Mendipathar, North Garo Hills	23.06.2016	
30	M/S EVA KURBAH HPT ORCHID RESORT	HOTEL & RESTAURANT	Mawsmi, Sohra, East Khasi Hills	27.06.2016	
31	M/S SILK ROUTE HOTEL & RESORT PVT. LTD.	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills	28.06.2016	29.06.2016
32	M/S G.R. INFRAPROJECTS LTD.	BATCH PLANT	Mynkre, East Jaintia Hills	30.06.2016	09.01.2017
33	M/S SHRI BALAJI CONSTRUCTION CO.	STONE CRUSHER & WET MIX MACADAM	Mynkre, East Jaintia Hills	30.06.2016	06.01.2017

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
34	M/S BENTLEY BAKERY	BAKERY	Shillong Industrial Estate, Shillong, East Khasi Hills	04.07.2016	
35	M/S AGARWAL CASHEW PROCESSING UNIT	CASHEW PROCESSING UNIT	Majhipara, West Garo Hills	05.07.2016	
36	M/S K.A.I. CASHEWNUT INDUSTRIES	CASHEW PROCESSING UNIT	Nagabandh, Phulbari, West Garo Hills	05.07.2016	
37	M/S KHASI TRADE WINGS	CHARCOAL MANUFACTURING UNIT	Umphem, Nongpoh, Ri Bhoi	08.07.2016	19.12.2016
38	M/S ELIJOYCE AUTO	AUTOMOBILE WORKSHOP & SERVICING UNIT	Moosylangkat, Jowai, West Jaintia Hills	19.07.2016	
39	M/S BONNIE GUEST HOUSE	GUEST HOUSE & RESTAURANT	Laban, Shillong, East Khasi Hills	21.07.2016	21.07.2016
40	M/S CEMENT MANUFACTURING CO LTD (70 Ha)	LIMESTONE MINE	Lumshnong, East Jaintia Hills	21.07.2016	
41	M/S CEMENT MANUFACTURING CO LTD (13.58 Ha)	LIMESTONE MINE	Lumshnong, East Jaintia Hills	21.07.2016	
42	M/S MEGHALAYA CEMENTS LTD.	CEMENT PLANT	Thangskai, East Jaintia Hills	22.07.2016	24.02.2017
43	M/S MAJESTIC HOTEL	HOTEL & RESTAURANT	Polo, Shillong, East Khasi Hills	22.07.2016	
44	M/S MONSOON HOTEL	HOTEL & RESTAURANT	Police Bazar, Shillong, East Khasi Hills	22.07.2016	17.01.2017
45	M/S HOTEL EMBASSY	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills	28.07.2016	28.07.2016
46	M/S HOTEL SERENE	HOTEL	Police Bazar, East Khasi Hills	29.07.2016	
47	M/S BARBAREEK INN	HOTEL	Mawlonghat, Shillong, East Khasi Hills	29.07.2016	
48	M/S ROYAL HERITAGE TRIPURA CASTLE	HOTEL	Cleve Colony, Shillong, East Khasi Hills	29.07.2016	
49	M/S SHAURYA INN	HOTEL	Police Bazar, Shillong, East Khasi Hills	29.07.2016	
50	M/S RNB CEMENT (P) LTD	CEMENT MANUFACTURING UNIT	Umiam Industrial Area, Ri Bhoi	29.07.2016	

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
51	M/S BRAHMAPUTRA WIRE PRODUCTS	MS BACK WIRE & WIRE NAIL MANUFACTURING UNIT	S.J. Road, Athgoan, Guwahati	29.07.2016	
52	M/S ARUN HOTEL	HOTEL & RESTAURANT	Jail Road, Shillong, East Khasi Hills	02.08.2016	17.01.2017
53	M/S COLLIN R.G. SYIEM PACKAGE DRINKING WATER	PACKAGE DRINKING WATER UNIT	Mawpdang, East Khasi Hills	02.08.2016	
54	STATE CONVENTION CENTER	HOTEL & RESTAURANT	Bishop Cotton Road, Shillong, East Khasi Hills	02.08.2016	22.11.2016
55	M/S RAJHANS HOTEL	HOTEL	Police Bazar, East Khasi Hills	03.08.2016	
56	M/S BEST HOLIDAY INN GUEST HOUSE	GUEST HOUSE & RESTAURANT	Upper Lachumiere, Shillong, East Khasi Hills	03.08.2016	17.01.2017
57	M/S SWAD SURUCHI	RESTAURANT	Jail Road, Shillong, East Khasi Hills	03.08.2016	19.01.2017
58	M/S WHITE ORCHID GUEST HOUSE	GUEST HOUSE	Upper Lachumiere, Shillong, East Khasi Hills	03.08.2016	17.01.2017
59	M/S HOTEL AASHIYANA	HOTEL	Police Bazar, East Khasi Hills	03.08.2016	
60	M/S ELDORADO GUEST HOUSE	GUEST HOUSE & RESTAURANT	Dhankheti, Shillong, East Khasi Hills	03.08.2016	17.01.2017
61	M/S ORCHID ANNEXE	HOTEL, RESTAURANT & BAR	Polo Road, Shillong, East Khasi Hills	03.08.2016	25.10.2016
62	M/S ATITHI GUEST HOUSE	GUEST HOUSE	Police Bazar, East Khasi Hills	03.08.2016	09.12.2016
63	M/S PAUL RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills	03.08.2016	16.02.2017
64	M/S QZINE RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills	03.08.2016	
65	M/S RUBY'S KITCHEN	GUEST HOUSE	Mawbah, Barapathar, Shillong, East Khasi Hills	03.08.2016	
66	M/S ZARA RESIDENCY	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills	03.08.2016	
67	M/S HOTEL ELGIN	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills	03.08.2016	29.08.2016
68	M/S ORCHID LAKE RESORT	HOTEL & RESTAURANT	Umiam lake, Barapani, Ri Bhoi	03.08.2016	22.11.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
69	M/S ORCHID HOTEL	HOTEL & RESTAURANT	Polo Road, Shillong, East Khasi Hills	03.08.2016	17.11.2016
70	M/S PINWOOD HOTEL	HOTEL & RESTAURANT	Rita Road, Shillong, East Khasi Hills	03.08.2016	22.11.2016
71	M/S HOTEL J.K. INTERNATIONAL	HOTEL	Jail Road, Shillong, East Khasi Hills	04.08.2016	09.12.2016
72	M/S HOTEL CITY VIEW INN	HOTEL	Jail Road, Shillong, East Khasi Hills	04.08.2016	09.12.2016
73	M/S R.N.A. BRICKS	BRICK KILN	Sonamati (Garobadha), South West Garo Hills	08.08.2016	
74	M/S A.B.C. BRICKS	BRICK KILN	Dahapara (Chandabhui), West Garo Hills	10.08.2016	
75	M/S SMOKY FALLS COFFEE	COFFEE PROCESSING	Nongthymmai, Shillong, East Khasi Hills	11.08.2016	27.10.2016
76	M/S DELHI HOTEL	HOTEL	Police Bazar, Shillong, East Khasi Hills	11.08.2016	
77	M/S NONGBRI STONE CRUSHER	STONE CRUSHER	Nongrah, Bhoi Rymbong, Ri Bhoi	11.08.2016	22.09.2016
78	M/S G.H.M. GUEST HOUSE	HOTEL	Caroline Colony, Jowai, West Jaintia Hills	11.08.2016	12.09.2016
79	M/S FANCY STORE BAKERY	BAKERY	Oakland, Shillong, East Khasi Hills	11.08.2016	
80	BHARAT SEVASHRAM SANGHA	PATHOLOGY LAB	Jail Road, Shillong, East Khasi Hills	12.08.2016	
81	M/S B. SHADAP STONE CRUSHER	STONE CRUSHER	Dkhiah, East Jaintia Hills	12.08.2016	28.10.2016
82	M/S RI KYNJAI-SERENITY BY THE LAKE	HOTEL & RESTAURANT	Umniuh Khwan, Barapani, Ri Bhoi	12.08.2016	07.11.2016
83	M/S JUBILANT FOODWORKS LTD.	FOOD PROCESSING UNIT	Laitumkhrach, Shillong, East Khasi Hills	17.08.2016	
84	M/S KHARSYNTIEW TRANSFORMER	REPAIRING OF DISTRIBUTION TRANSFORMER	Shillong Industrial Estate, Shillong, East Khasi Hills	17.08.2016	02.02.2017
85	M/S UNIQUE MANUFACTURERS	FOOD PROCESSING	Shillong Industrial Estate, Shillong, East Khasi Hills	17.08.2016	12.12.2016
86	M/S HIGHWINDS GUEST HOUSE	GUEST HOUSE & RESTAURANT	Barik, Shillong, East Khasi Hills	19.08.2016	17.01.2017

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
87	M/S SHABONG CRUSHER	STONE CRUSHER	Kyrdemkhla, Laitkroh, East Khasi Hills	23.08.2016	
88	M/S AK'S INLET FOODING & LODGING	GUEST HOUSE & RESTAURANT	Walbakgre, West Garo Hills	24.08.2016	
89	M/S RAJKAMAL HOTEL	HOTEL	Fancy Valley, Tura, West Garo Hills	25.08.2016	28.09.2016
90	M/S SUNDARE HOTEL	HOTEL & RESTAURANT	Circular, Tura, West Garo Hills	26.08.2016	28.09.2016
91	M/S HIND JALPAN	HOTEL & RESTAURANT	Mawlonghat, Shillong, East Khasi Hills	29.08.2016	
92	M/S NEW STAY IN GUEST HOUSE	GUEST HOUSE	Keating Road, Shillong, East Khasi Hills	29.08.2016	05.12.2016
93	M/S THE WOK LAITUMKHRAH	RESTAURANT	Laitumkhrah, East Khasi Hills	29.08.2016	17.01.2017
94	M/S THE WOK LACHUMIERE	RESTAURANT	Lachumiere, Shillong, East Khasi Hills	29.08.2016	17.01.2017
95	M/S CITY WOK	RESTAURANT	Lumsophoh, Shillong, East Khasi Hills	29.08.2016	17.01.2017
96	M/S JULIUS NONGKHLAW AUTOMOBILE WORKSHOP	AUTOMOBILE WORKSHOP	Sadew, Upper Shillong, East Khasi Hills	29.08.2016	
97	M/S SPARKLING CARWASH	AUTOMOBILE SERVICING UNIT	Mawlai Mawroh, Shillong, East Khasi Hills	29.08.2016	30.03.2017
98	M/S CHIRONGCHIP CARWASH	AUTOMOBILE SERVICING UNIT	Barengapara, West Garo Hills	29.08.2016	
99	NEIAH	DG SET	Mawdiangdiang, East Khasi Hills	29.08.2016	
100	NEIAH	DG SET	Mawdiangdiang, East Khasi Hills	30.08.2016	
101	M/S POLO ORCHID HOTEL	HOTEL & RESTAURANT	Arai Mile, Tura, West Garo Hills	31.08.2016	
102	M/S YORK RESTAURANT	RESTAURANT	Motphran, Shillong, East Khasi Hills	07.09.2016	
103	M/S HOTEL BLUE MOUNT	HOTEL	Mawdiangdiang, Shillong, East Khasi Hills	08.09.2016	
104	RASONGSLI NURSING HOME	HOSPITAL	Amshipai, West Jaintia Hills	09.09.2016	28.10.2016
105	M/S W. STONE CRUSHER	STONE CRUSHER	Rani Jiang, Ri Bhoi	09.09.2016	



**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
106	M/S CHERRAPUNJEE HOLIDAY RESORT	HOTEL	Cherrapunjee, East Khasi Hills	15.09.2016	
107	M/S MIGHTYMON RASHIR	FLY ASH BRICK MANUFACTURING	Nongrithong, West Khasi Hills	19.09.2016	
108	M/S KALLU VALLEY BRICKS INDUSTRY (DAS)	BRICK KILN	Asinagre, South West Garo Hills	20.09.2016	27.10.2016
109	M/S HOTEL KNIGHT INN	HOTEL, RESTAURANT & BAR	Demseiniong, Shillong, East Khasi Hills	27.09.2016	
110	M/S HOTEL GOLDEN PEAK	HOTEL	Malki, Shillong, East Khasi Hills	27.09.2016	
111	M/S HOTEL SAPPHIRE	HOTEL	Keating Road, Shillong, East Khasi Hills	27.09.2016	05.01.2017
112	M/S EDEN RESIDENCY	HOTEL	Police Bazar, Shillong, East Khasi Hills	27.09.2016	
113	M/S BSCPL INFRASTRUCTURE LTD	STONE CRUSHER	Kilmangitim, West Garo Hills	28.09.2016	07.12.2016
114	N.I.T. MEGHALAYA	RESIDENTIAL CAMPUS	Sohra, East Khasi Hills	29.09.2016	
115	M/S GIRIK BRIQUETTES PVT LTD	BRIQUETTES	Umiam Industrial Area, Ri Bhoi	30.09.2016	31.03.2017
116	M/S KHASI ALLOYS PVT LTD	FERRO SILICON MANUFACTURING UNIT (Expansion)	EPIP, Byrnihat, Ri Bhoi	30.09.2016	
117	M/S LATEI VILLE INN	GUEST HOUSE	Langkyrding, Shillong, East Khasi Hills	05.10.2016	07.03.2017
118	M/S R. DOWN HILL CITY GUEST HOUSE	GUEST HOUSE	Laban, Shillong, East Khasi Hills	25.10.2016	22.12.2016
119	M/S KOLPO BRICKS	BRICK KILN	Damalkre, South West Garo Hills	27.10.2016	17.01.2017
120	M/S ONYCON ENGINEERS	STONE CRUSHER	Chibagre, Rongram, West Garo Hills	27.10.2016	
121	M/S B.B.I. BRICKS	BRICK KILN	Bolgangre, Mukdangra, South West Garo Hills	27.10.2016	
122	M/S M.A.S. BRICKS FACTORY	BRICK KILN	Sonamati, Garobadha, South West Garo Hills	27.10.2016	
123	M/S K.D.S. BRICKS INDUSTRIES	BRICK KILN	Dalupara, Mukdangra, South West Garo Hills	27.10.2016	17.01.2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
124	M/S R.P.S. BRICKS FACTORY	BRICK KILN	Sonamati, Garobadha, South West Garo Hills	27.10.2016	17.01.2017
125	M/S HOTBOX RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills	01.11.2016	
126	M/S P.K.S. BRICKS	BRICK KILN	Adanggri, Dalu, West Garo Hills	02.11.2016	27.03.2017
127	M/S S.R.S. BRICKS INDUSTRY	BRICK KILN	Damalgre, South West Garo Hills	02.11.2016	28.03.2017
128	M/S SEBRING SUMER STONE CRUSHER	STONE CRUSHER	Amsohskep, West Jaintia Hills	07.11.2016	
129	M/S A.R.M. BRICKS	BRICK KILN	Ronkhola, Chibinang, West Garo Hills	07.11.2016	28.03.2017
130	M/S HERA BRICKS INDUSTRY	BRICK KILN	Nimaikata, Phulbari, West Garo Hills	07.11.2016	
131	M/S L.L. NONGRUM TIMBER INDUSTRIES	SAW MILL	Umiam Industrial Area, Ri Bhoi	09.11.2016	
132	M/S ABDUS SHAHID STONE CRUSHER	STONE CRUSHER	Jewali, West Garo Hills	10.11.2016	
133	M/S ROYAL HERITAGE TRIPURA CASTLE	HOTEL, RESTAURANT & BAR	Cleve Colony, Shillong, East Khasi Hills	10.11.2016	22.11.2016
134	M/S ORANGE ROOTS	RESTAURANT	Khlieh Shnong, Sohra, Eeast Khasi Hills	10.11.2016	
135	M/S RUMA SAHA STONE CRUSHER	STONE CRUSHER	Jeldupara, Panbari, West Garo Hills	10.11.2016	24.03.2017
136	M/S HOTEL NATRAJ	HOTEL	Police Bazar, Shillong, East Khasi Hills	18.11.2016	
137	M/S K.R.M. BRICKS	BRICK KILN	Jatrakhana, Gashapara, South Garo Hills	24.11.2016	
138	M/S BOTTOM UPS	BAR & RESTAURANT	Khlieh Iewduh, Shillong, East Khasi Hills	25.11.2016	
139	M/S HOTEL RANI	HOTEL & RESTAURANT	Mawlonghat, Shillong, East Khasi Hills	25.11.2016	
140	M/S SUMMIT GUEST HOUSE	GUEST HOUSE	Upper Lachumiere, Shillong, East Khasi Hills	25.11.2016	
141	M/S PINE BREEZE GUEST HOUSE	GUEST HOUSE	Ialong, West Jaintia Hills	25.11.2016	

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
142	M/S AVISAAR GUEST HOUSE	GUEST HOUSE	Jail Road, Shillong, East Khasi Hills	30.11.2016	07.03.2017
143	GEOLOGICAL SURVEY OF INDIA, NORTH EASTERN REGION	LABORATORY COMPLEX & STP	Lum Rynjah, Shillong, East Khasi Hills	30.11.2016	
144	M/S LAFARGE UMIAM MINING PVT. LTD.	LIMESTONE MINE	Nongtrai, East Khasi Hills	30.11.2016	09.12.2016
145	M/S VALLEY FOOD & BEVERAGES	PACKAGE DRINKING WATER UNIT	13 <sup>th</sup> Mile Tamulkuchi, Byrnihat, Ri Bhoi	01.12.2016	
146	WOODLAND HOSPITAL	HOSPITAL	Dhankheti, Shillong, East Khasi Hills	02.12.2016	
147	M/S MRK3 TYRCHI INN	HOTEL, RESTAURANT & BAR	Khlieh Tyrshi, West Jaintia Hills	02.12.2016	
148	NAZARETH HOSPITAL	HOSPITAL	Laitumkhras, Shillong, East Khasi Hills	07.12.2016	
149	M/S HOTEL MANOHAR	RESTAURANT	Jail Road, Shillong, East Khasi Hills	09.12.2016	
150	M/S HEALING GRACE CLINIC	DIAGNOSTIC CENTER	Jaiaw Laitdom, Shillong, East Khasi Hills	13.12.2016	22.03.2017
151	M/S LAMIN STONE CRUSHER	STONE CRUSHER	Laitlyngkot, East Khasi Hills	13.12.2016	
152	M/S MADRAS CAFÉ	RESTAURANT	Jail Road, Shillong, East Khasi Hills	16.12.2016	
153	M/S RED RICE RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills	16.12.2016	
154	M/S R.D.S. BRICKS	BRICK KILN	Bolgangre, South West Garo Hills	19.12.2016	31.01.2017
155	M/S WOODLAND SABAH HOSPITAL	HOSPITAL	Sabah Muswang, West Jaintia Hills	20.12.2016	
156	M/S COMPASSION CLINICAL LABORATORY	DIAGNOSTIC CENTER	Ladthalaboh, Jowai, West Jaintia Hills	05.01.2017	
157	M/S MEGHALAYA CEMENTS LTD.	LIMESTONE MINE	Thangskai, East Jaintia Hills	09.01.2017	24.02.2017
158	M/S HOLY CROSS HEALTH CENTER	HOSPITAL	Mairang, West Khasi Hills	10.01.2017	
159	TURA CHRISTIAN HOSPITAL	HOSPITAL	Tura, West Garo Hills	13.01.2017	
160	SANKER REHABILITATION CENTER	HOSPITAL	Mawlai Mawroh, Shillong, East Khasi Hills	23.01.2017	

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
161	M/S W. S DOLOI STONE CRUSHER	STONE CRUSHER	Amsohskep, West Jaintia Hills	27.01.2017	01.02.2017
162	M/S STONE CRUSHER MACHINE	STONE CRUSHER	Mynnar Rani - Jirang, Ri Bhoi	27.01.2016	
163	HOLY CROSS HOSPITAL	HOSPITAL	Walbakgre, Tura, West Garo Hills	30.01.2017	
164	JOWAI CIVIL HOSPITAL	HOSPITAL	Ialong, West Jaintia Hills	31.01.2017	
165	KLIEHRIAT CIVIL HOSPITAL	HOSPITAL	Khliehriat, East Jaintia Hills	31.01.2017	
166	MEGHALAYA INSTITUTE OF MENTAL HEALTH & NEUROLOGICAL SCIENCES	HOSPITAL	Pasteur Hills Lawmali, Shillong, East Khasi Hills	31.01.2017	
167	M/S RITSIBON K. STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills	31.01.2017	02.03.2017
168	GANESH DAS HOSPITAL	HOSPITAL	Pasteur Hills Lawmali, Shillong, East Khasi Hills	31.01.2017	
169	CIVIL HOSPITAL SHILLONG	HOSPITAL	Shillong, East Khasi Hills	31.01.2017	
170	CIVIL HOSPITAL NONGPOH	HOSPITAL	Nongpoh, Ri Bhoi	31.01.2017	
171	MAIRANG CIVIL HOSPITAL	HOSPITAL	Mairang, West Khasi Hills	31.01.2017	
172	M/S H. GORDON ROBERTS HOSPITAL	HOSPITAL	Jaiaw, Shillong, East Khasi Hills	31.01.2017	
173	REID PROVINCIAL CHEST HOSPITAL	HOSPITAL	Shillong, East Khasi Hills	31.01.2017	
174	NONGSTOIN CIVL HOSPITAL	HOSPITAL	Nongstoin, West Khasi Hills	31.01.2017	
175	M/S K.D. ENTERPRISE	PACKAGE MINERAL/DRINKING WATER UNIT	Demseiniong, Shillong, East Khasi Hills	06.02.2017	
176	M/S A STONE CRUSHER UNIT	STONE CRUSHER	Wakkrugre, Zekaberi, West Garo Hills	07.02.2017	
177	M/S FRIDINA STONE CRUSHER	STONE CRUSHER	Wakkrugre, Zekaberi, West Garo Hills	07.02.2017	
178	M/S GABIL CASHEW PROCESSING CENTER	CASHEWNUT PROCESSING	Banglakata, Chibinang, West Garo Hills	17.02.2017	
179	M/S G.L. CRUSHER	STONE CRUSHER	Iew Mawrohrim, Jirang, Ri Bhoi	22.02.2017	

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
180	M/S MEGHA BEVERAGES	SOFTDRINK BOTTLING UNIT	Umtru Road, Baliyan, Ri Bhoi	22.02.2017	
181	M/S STAR CEMENT LIMITED	CEMENT PRODUCTION	Lumshnong, East Jaintia Hills	23.02.2017	23.03.2017
182	M/S SHYLLA STONE CRUSHER	STONE CRUSHER	Byndihati, East Jaintia Hills	28.02.2017	10.02.2017
183	M/S AIBORMAN THANGKIEW STONE CRUSHER	STONE CRUSHER	Manikpur, Jirang, Ri Bhoi	06.03.2017	
184	M/S P.K. & COMPANY STONE CRUSHER	STONE CRUSHER	Rochonpara, West Garo Hills	07.03.2017	27.09.2016
185	M/S LADY BIRD LODGE	HOTEL	Umsohsun, Shillong, East Khasi Hills	07.03.2017	
186	M/S KIMBERLY RESTAURANT	RESTAURANT	Laitumkhrah, East Khasi Hills	08.03.2017	
187	M/S THE GOLDEN TRIANGLE RESTAURANT	RESTAURANT	Laitumkhrah, East Khasi Hills	08.03.2017	
188	M/S PASH K Re GUEST HOUSE	GUEST HOUSE	Bishop Cotton Road, Shillong, East Khasi Hills	08.03.2017	
189	M/S J.W. CARWASH	AUTOMOBILE SERVICING UNIT	Pynthorbah, Shillong, East Khasi Hills	08.03.2017	
190	M/S UNIQUE SWEETS AND SNACKS	RESTAURANT	Police Bazar, East Khasi Hills	10.03.2017	
191	M/S LUMLANG SHYLLA	STONE CRUSHER	Pathar Kuchi, Pillingkata, Ri Bhoi	16.03.2017	
192	M/S MISSION NETHRALAYA	EYE CLINIC	Nongthymmai, Shillong, East Khasi Hills	16.03.2017	
193	M/S SRIRAM FASTENERS	NUT-BOLT, SCREW, BARBED WIRE, CHAINLINK, FENCING, TORKARI	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi	21.03.2017	29.03.2017
194	DR. NORMAN TUNNEL HOSPITAL	HOSPITAL	Jowai, West Jaintia Hills	21.03.2017	
195	M/S SRS FOILS	ALUMINIUM FOIL PRINTING UNIT	9 <sup>th</sup> Mile Baridua, Ri Bhoi	22.03.2017	28.03.2017
196	M/S MEGHALAYA CEMENTS LTD.	LIMESTONE MINING	Khliehajari, East Jaintia Hills	23.03.2017	24.02.2017
197	M/S MEGHA CASHEW PVT. LTD.	CASHEWNUT PROCESSING UNIT	EPIP Byrnihat, Ri Bhoi	23.03.2017	30.03.2017
198	M/S PANTHI STONE CRUSHER	STONE CRUSHER	Badhi Rongdong, Siju, South Garo Hills	29.03.2017	

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
199	M/S GIRIK BRIQUETTES PVT. LTD.	D.G. SET	Umiam Industrial Estate, Ri Bhoi	29.03.2017	30.03.2017
200	M/S NORTHEAST TUBULAR POLES PVT. LTD.	D.G. SET	Umiam Industrial Estate, Ri Bhoi	29.03.2017	30.03.2017
201	M/S WOODLAND GUEST HOUSE	GUEST HOUSE	Upper Lachumiere, East Khasi Hills	29.03.2017	
202	M/S HEIGA HOTEL	HOTEL & RESTAURANT	Upper Lachumiere, Shillong, East Khasi Hills	29.03.2017	
203	M/S URANUS STONE PRODUCTS & CO.	STONE CRUSHER	Killing, Raid Marwet, Ri Bhoi	30.03.2017	31.03.2017
204	M/S MAXIM INFRASTRUCTURE & REAL ESTATE PVT. LTD.	HOTEL CUM OFFICE COMPLEX	Shillong, East Khasi Hills	30.03.2017	31.03.2017
205	M/S MEGHALAYA INFRATECH PVT. LTD.	HOTEL - SPA	Khanapara, Ri Bhoi	31.03.2017	
206	M/S MEGWOOD SOLUTIONS PVT. LTD.	BRIQUETTES UNIT	15 <sup>th</sup> Mile Nongthymmai, Byrnihat, Ri Bhoi	31.03.2017	
207	M/S MARDIA INDUSTRIES PVT. LTD.	AAC & ACC BLOCKS JOINING MOTOR	EPIP Byrnihat, Ri Bhoi		08.04.2016
208	M/S B. DIENGDOH AUTOMOBILE	AUTOMOBILE WORKSHOP	New Nongstoin, West Khasi Hills		12.04.2016
209	M/S B. MARBANIANG LIME KILN	LIME KILN	Nongthymmai - Mawsmmai, East Khasi Hills		14.04.2016
210	M/S ROFIZA KHATUM BRICK INDUSTRY	BRICK KILN	Lokaichar, South West Garo Hills		15.04.2016
211	M/S K.M. SYIEM ENTERPRISE	STEEL FABRICATION UNIT	Demthring, Shillong, East Khasi Hills		18.04.2016
212	M/S RELIANCE CORPORATE IT PARK LTD.	DG SET	Nongthymmai, Shillong, East Khasi Hills		25.04.2016
213	M/S ANDERSON TEA PROCESSING FACTORY	TEA MANUFACTURING UNIT	Umran Diary, Ri Bhoi		26.04.2016
214	M/S MARWET BOTTLING INDUSTRIES	BOTTLING PLANT	Them Marwet, Ri Bhoi		27.04.2016
215	M/S DEVYANI INTERNATIONAL LTD. (PIZZA HUT)	RESTAURANT	Police Bazar, Shillong, East Khasi Hills		02.05.2016
216	M/S YOHUNLANG ENTERPRISE	BLOCK & PAVERS MANUFACTURING UNIT	Umiarlong, Ri Bhoi		02.05.2016



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
217	M/S RELIANCE CORPORATE IT PARK LTD.	DG SET	Aramile, Tura, West Garo Hills		02.05.2016
218	M/S ESS BEE INDUSTRIES	PACKAGE DRINKING WATER UNIT	Mawlai Mawroh, East Khasi Hills		02.05.2016
219	M/S MEGHALAYA STEELS LTD.	FERRO ALLOY MANUFACTURING UNIT	Umtru, Ri Bhoi		04.05.2016
220	M/S RELIANCE CORPORATE IT PARK LTD.	DG SET	Ladthalaboh, Jowai, West Jaintia Hills		06.05.2016
221	M/S R.S.M. STONE CRUSHER	STONE CRUSHER	BIR, Ri Bhoi		09.05.2016
222	M/S STELA AUTOMOBILE WORKSHOP	WORKSHOP	Mawroh, Punglieh, West Khasi Hills		11.05.2016
223	M/S B. SHYLLA HEALTH CARE INC.	PACKAGE DRINKING WATER UNIT	Khlieh Umbluh, East Jaintia Hills		06.06.2016
224	M/S SHREE MAHABIR INDUSTRIES	SAW CUM MILL	Umiam Industrial Area, Ri Bhoi		06.06.2016
225	M/S MAA BRICK INDUSTRY	BRICK KILN	Garobadha, West Garo Hills		14.06.2016
226	M/S FW FERRO TECH PVT. LTD.	IRON & STEEL MANUFACTURING UNIT	E.P.I.P., Byrnihat, Ri Bhoi		15.06.2016
227	M/S ANDERSON TEA ESTATE	MICRO HYDEL PROJECT	Umran Dairy, Ri Bhoi		16.06.2016
228	M/S GOLDSTONE CEMENTS LTD.	CEMENT & POWER PLANT	Umlaper, Elaka Rymbai, East Jaintia Hills		17.06.2016
229	M/S MEBANKHRAW WARJRI	PAVER MANUFACTURING UNIT	Mawiongrim, East Khasi Hills		20.06.2016
230	M/S S.K. DEW SAW WOOD PRODUCTS	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		21.06.2016
231	M/S MEGHA STONE INDUSTRIES	STONE CRUSHER	Roushanpara, West Garo Hills		29.06.2016
232	M/S SUMMERSET ENTERPRISE	STONE CRUSHER	Umnawe Killing, Ri Bhoi		05.07.2016
233	M/S MAWMLUH CHERRA CEMENT LTD.	CEMENT MANUFACTURING UNIT	Mawmluh, Sohra, East Khasi Hills		28.07.2016
234	M/S ISTRAC/ISRO	DG SET	NESAC Campus, Umiam, Ri Bhoi		29.07.2016
235	M/S KHAN MOTOR WORKSHOP	AUTOMOBILE WORKSHOP	Keating Road, East Khasi Hills		03.08.2016



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
236	M/S RAIHUN SOHTUN ENTERPRISE	STONE CRUSHER	Mawpnan, Puriang, East Khasi Hills		03.08.2016
237	M/S EXCEL FOODS	NOODLE PRODUCING UNIT	10 <sup>th</sup> Mile, Mawsmal, Ri Bhoi		11.08.2016
238	M/S PINE POLYPACKS	PACKAGE DRINKING WATER UNIT	Umian Industrial Area, Ri Bhoi		11.08.2016
239	M/S STAR CEMENT LIMITED	70 Ha. LIMESTONE MINE	Lumshnong, East Jaintia Hills		12.08.2016
240	M/S GROVER CARBONIC (P) LTD.	CARBON DIOXIDE MANUFACTURING UNIT	Lower Baliyan, Byrnihat, Ri Bhoi		16.08.2016
241	M/S SLYLARK BRICK INDUSTRY	BRICK KILN	Sakmal, West Garo Hills		17.08.2016
242	M/S MEGHALAYA CEMENTS LTD.	DRAFT FURNACE	Thangskai, East Jaintia Hills		17.08.2016
243	M/S MEGHALAYA CEMENTS LTD.	DRAFT FURNACE	Thangskai, East Jaintia Hills		17.08.2016
244	M/S ROMA AUTO CENTRE	AUTOMOBILE WORKSHOP	15 <sup>th</sup> Mile, Ri Bhoi		19.08.2016
245	M/S KHLANSING SUTING STONE CUTTING	STONE CUTTING UNIT	Siangkhnai, East Khasi Hills		29.08.2016
246	M/S SEN AUTO BATTERY REPAIRING & CHARGING	BATTERY REPAIRING & CHARGING UNIT	Keating Road, Shillong, East Khasi Hills		29.08.2016
247	M/S NORTH EAST TUBULAR POLES PVT. LTD.	BAMBOO BASED INDUSTRY	Umian Industrial Area, Ri Bhoi		03.11.2016
248	M/S MARAK BRICK	BRICK KILN	Kosichora, East Garo Hills		13.10.2016
249	M/S B.G.S. BRICK KILN	BRICK KILN	Ampati, South West Garo Hills		13.10.2016
250	M/S G.A.S. BRICK INDUSTRY	BRICK KILN	Alotgre, West Garo Hills		14.10.2016
251	M/S HOTEL CENTRE POINT	HOTEL, RESTAURANT & BAR	Police Bazar, Shillong, East Khasi Hills		28.10.2016
252	M/S R.N.A. BRICKS	BRICK KILN	Garobadha, South West Garo Hills		03.11.2016
253	M/S LAMBERT KHONGLAH AUTOMOBILE WORKSHOP	AUTOMOBILE WORKSHOP	Amsarim, West Jaintia Hills		04.11.2016
254	MEGHALAYA POWER GENERATION CORPORATION LTD.	HYDRO ELECTRIC PLANT	West Jaintia Hills		09.11.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
255	M/S L. MARBANIANG STONE CRUSHER	STONE CRUSHER	Laitkroh, Kyrdemkhla, East Khasi Hills		15.11.2016
256	M/S WARJRI ENTERPRISE	STONE CRUSHER	Madan Mawser, East Khasi Hills		25.11.2016
257	M/S M.D.H. STONE CRUSHER	STONE CRUSHER	Kyrdemkhla, East Khasi Hills		25.11.2016
258	M/S C.T.N. SANGMA STONE CRUSHER	STONE CRUSHER	Samanda, East Garo Hills		02.12.2016
259	M/S IAIPYNSKEM LAKHMI STONE CRUSHER	STONE CRUSHER	New Amkrem, Jirang, Ri Bhoi		05.12.2016
260	M/S BANSARA EYE CARE CENTER	HOSPITAL	Laitumkhrach, East Khasi Hills		05.12.2016
261	M/S R.B.I. BRICKS	BRICK KILN	Kathalbari, South West Garo Hills		16.12.2016
262	M/S B.B.I. BRICKS	BRICK KILN	Bolgangre, Mukdangra, South West Garo Hills		16.12.2016
263	M/S SHANLANG STONE CRUSHER	STONE CRUSHER	Bhoi Rymbong, Lumdaitkhla, Ri Bhoi		19.12.2016
264	THE ANIMAL HUSBANDRY & VETERINARY DEPARTMENT	ETP	Mawiong, East Khasi Hills		
265	M/S LAXMI HOTEL	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills		17.01.2017
266	M/S MAJESTIC HOTEL	HOTEL & RESTAURANT	Polo Hills, Shillong, East Khasi Hills		19.01.2017
267	M/S PIONEER CARBIDE (P) LTD.	FERRO ALLOY PLANT	Upper Baliyan, Byrnihat, Ri Bhoi		23.01.2017
268	M/S PAWAN CASTINGS (MEGHALAYA) PVT. LTD.	EXPANSION OF M.S. INGOT UNIT	Harlibagan, Byrnihat, Ri Bhoi		31.01.2017
269	M/S SHARLY DOLOI STONE CRUSHER	STONE CRUSHER	Ampynsemkura, Jirang, Ri Bhoi		01.02.2017
270	M/S ORION HEALTH FOOD PVT. LTD.	FOOD MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		03.02.2017
271	M/S K. LAPANG STONE CRUSHER	STONE CRUSHER	Bakli Bagan, Jirang, Ri Bhoi		10.02.2017
272	M/S CALM MINERAL WATER	PACKAGE DRINKING WATER	Nongtalang, West Jaintia Hills		20.02.2017
273	M/S PARAMOUNT COMPLEX/RESORT	HOTEL	Tura Bazar, Tura, West Garo Hills		07.03.2017
274	M/S CHILDREN'S HOSPITAL	HOSPITAL	Pohkse, Shillong, East Khasi Hills		08.03.2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue of	
				CTE	CTO
275	M/S J. NONGRUM STONE CRUSHER	STONE CRUSHER	Kyrdemkhla, East Khasi Hills		10.03.2017
276	M/S SUPERCARE HOSPITAL	HOSPITAL	Sawlad, Demthring, Shillong, East Khasi Hills		15.03.2017
277	M/S EDWELL DKHAR CRUSHER UNIT G	STONE CRUSHER	Maikhuli, Ri Bhoi		17.03.2017
278	M/S EDWELL DKHAR CRUSHER UNIT F(B)	STONE CRUSHER	Barapathar, Raid Marwet, Ri Bhoi		17.03.2017
279	M/S EDWELL DKHAR CRUSHER UNIT H B	STONE CRUSHER	Barapathar, Raid Marwet, Ri Bhoi		17.03.2017
280	M/S EDWELL DKHAR CRUSHER UNIT 1 B	STONE CRUSHER	Barapathar, Raid Marwet, Ri Bhoi		17.03.2017
281	M/S S.D. CERAMIC LLP	CERAMIC UNIT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi		17.03.2017
282	M/S NGERSON & SONS	PACKAGE DRINKING WATER UNIT	Jongsha, East Khasi Hills		30.03.2017
283	M/S NEZONEFRAGRANCE PVT. LTD.	SAW & BAMBOO DUST MANUFACTURING UNIT	12 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		30.03.2017

## ANNEXURE-4

## RENEWAL OF CONSENT TO ESTABLISH/CONSENT TO OPERATE ISSUED DURING THE YEAR 2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
1	M/S SHIROMANI FOOD PRODUCTS (P) LTD.	FOOD GRAIN CLEANING, SIZING & GRADING UNIT	Baridua, Ri Bhoi		07.04.2016
2	M/S MEGHALAYA MINERALS AND MINES LTD.	LIMESTONE CRUSHING UNIT	Lumshnong, East Jaintia Hills		07.04.2016
3	M/S DEJIRA BRICKS INDUSTRIES	BRICK KILN	Dorambok, Mukdangre, West Garo Hills		07.04.2016
4	M/S BHARTI INFRATEL LTD.	D.G. SET	Lapalang, Pynursla, East Khasi Hills		12.04.2016
5	M/S VANESSA LAKE VIEW INN	HOTEL & RESTAURANT	M.G. Road, Shillong, East Khasi Hills		12.04.2016
6	M/S MEGHALAYA CEMENTS LTD.	STONE CRUSHING UNIT	Thangskai, East Jaintia Hills		13.04.2016
7	M/S MEGHALAYA CEMENTS LTD.	LIMESTONE MINING	Chieruphi, Thangskai, East Jaintia Hills		13.04.2016
8	M/S L. SUTING LIME KILN	LIME KILN	Mawsmai, Sohra, East Khasi Hills		15.04.2016
9	M/S INDOMECH INDUSTRY	D.G. SET	Marwet, Khanapara, Ri Bhoi		19.04.2016
10	M/S GREGORY KHARSATI LIME KILN	LIME KILN	Laitryngew, Sohra, East Khasi Hills		20.04.2016
11	M/S SPLENDID RESTAURANT	RESTAURANT	Iewduh, Shillong, East Khasi Hills		24.04.2016
12	M/S R. CAR WASH	AUTOMOBILE SERVICING UNIT	Mawlai Nongpdeng, East Khasi Hills		25.04.2016
13	M/S LITE BITES FAST FOOD	RESTAURANT	Police Bazar, East Khasi Hills		26.04.2016
14	M/S HOTEL RAINBOW	HOTEL	Police Bazar, East Khasi Hills		26.04.2016
15	M/S EEE CEE RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		26.04.2016
16	M/S J.S. BAKERY & CONFECTIONERY	BAKERY UNIT	Jaiaw Langsning, East Khasi Hills		28.04.2016
17	M/S HOTEL PEGASUS CROWN	HOTEL	Police Bazar, East Khasi Hills		28.04.2016
18	M/S GOENKA ENGINEERING WORKS	AUTOMOBILE WORKSHOP CUM SERVICING UNIT	Keating Road, East Khasi Hills		02.05.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
19	M/S SERVELL ENTERPRISE	AUTOMOBILE WORKSHOP	Nongthymmai, Shillong, East Khasi Hills		02.05.2016
20	M/S HOTEL POLO TOWERS	HOTEL, RESTAURANT & BAR	Polo, Shillong, East Khasi Hills		02.05.2016
21	M/S PRAKASH HOTEL	HOTEL & RESTAURANT	Laitumkhrah, East Khasi Hills		02.05.2016
22	M/S SHYAM FOODS	BAKERY UNIT	Killing, Ri Bhoi		02.05.2016
23	M/S REGAL RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		02.05.2016
24	M/S RB'S BAKERY	BAKERY UNIT	Police Bazar, East Khasi Hills		02.05.2016
25	M/S EVEREST RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		02.05.2016
26	M/S B.S. STONE CRUSHER	STONE CRUSHER	Mawdiangdiang, East Khasi Hills		02.05.2016
27	M/S RIWAR OFFSET PRESS	OFFSET PRESS	4 <sup>th</sup> Mile Upper Shillong, East Khasi Hills		02.05.2016
28	M/S NOHKREK SERVICING CENTRE	AUTOMOBILE SERVICING UNIT	Lower Mission Compound, Tura, West Garo Hills		02.05.2016
29	M/S BILLENNIUM CEMENTS LTD.	CEMENT GRINDING UNIT	Damas, East garo Hills		04.05.2016
30	M/S BLUE PINE	HOTEL	Police Bazar, East Khasi Hills		04.05.2016
31	M/S HOTEL BRIWELL	HOTEL	Police Bazar, East Khasi Hills		04.05.2016
32	M/S KAOCHEN RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		04.05.2016
33	M/S GOOD LUCK COAL EXPORT	STONE CRUSHER	Berjhora, West Garo Hills		04.05.2016
34	M/S GOOD LUCK COAL EXPORT	STONE CRUSHER	Rochupara, West Garo Hills		04.05.2016
35	M/S CAR WASHING CENTRE	AUTOMOBILE SERVICING UNIT	K.A. Road, Tura, West Garo Hills		04.05.2016
36	M/S MEGHA TECHNICAL & ENGINEERING (P) LTD.	CLINKER GRINDING UNIT	Lumshnong, East Jaintia Hills		05.05.2016
37	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK IV	Thangskai, East Jaintia Hills		05.05.2016
38	IDEA CELLULAR LTD.	D.G. SETS	Lumsohphoh, Shillong, East Khasi Hills		09.05.2016

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
39	M/S SERVICING CENTRE	AUTOMOBILE SERVICING UNIT	Nongrim Hills, Shillong, East Khasi Hills		09.05.2016
40	M/S GOOD LUCK COAL EXPORT	STONE CRUSHER	Hallidayganj, West Garo Hills		11.05.2016
41	K.K. BEVERAGES (P) LTD.	MINERAL WATER & CARBONATED DRINK MANUFACTURING UNIT	Byrnihat, Ri Bhoi		13.05.2016
42	M/S UMADUTT INDUSTRIES	POLYURETHANE FOAM & FOAM PRODUCTS MANUFACTURING UNIT	Amjok, Byrnihat, Ri Bhoi		13.05.2016
43	M/S GODREJ CONSUMERS PRODUCTS LTD.	D.G. SET	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		13.05.2016
44	M/S SHAKAMBARI FERRO ALLOYS (P) LTD.	CAPTIVE POWER PLANT	Rwiang, Seinduly, West Khasi Hills		19.05.2016
45	M/S VAISHALI RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		20.05.2016
46	M/S RB'S BAKERY	BAKERY UNIT	Police Bazar, East Khasi Hills		20.05.2016
47	M/S BYRNIHAT WOOD INDUSTRIES (P) LTD.	SAW-CUM-VANEER MILL	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		24.05.2016
48	M/S NORTHEAST POWERLINE INDUSTRIES	D.G. SET & PUMP SETS ASSEMBLY UNIT	Baridua, Ri Bhoi		27.05.2016
49	M/S YALANA HOTEL	HOTEL, RESTAURANT & BAR	Laitumkhrah, East Khasi Hills		30.05.2016
50	M/S MEGHALAYA MINERALS AND MINES LTD.	LIMESTONE MINING	Lumshnong, East Jaintai Hills		31.04.2016
51	M/S SRIRAM WIRE PRODUCTS (MEGHALAYA)	BLACK WIRE & WIRE NAILS MANUFACTURING UNIT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi		31.05.2016
52	M/S MIGHTYMON RASHIR	BRICK KILN	Nongdhapor, West Khasi Hills		01.06.2016
53	M/S HILLS CEMENT COMPANY LIMITED	CEMENT MANUFACTURING UNIT	Mynkre, East Jaintia Hills		06.06.2016
54	M/S B.R. INDUSTRIES	CASHEWNUT MAKING UNIT	Phulbari, West Garo Hills		06.06.2016
55	M/S B. KHARMAWPHLANG	BAKERY UNIT	Lower Nongrim Hills, Shillong, East Khasi Hills		10.06.2016



**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
56	M/S EEE CEE HOTEL	HOTEL	Police Bazar, East Khasi Hills		10.06.2016
57	M/S CATHERINE MYNSONG MOTOR WORKS	AUTOMOBILE SERVICING UNIT	Keating Road, East Khasi Hills		10.06.2016
58	M/S MEGHALAYA STEELS LTD.	M.S. INGOT MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		13.06.2016
59	M/S MEGHALAYA STEELS LTD.	STEEL ROLLING MILL	EPIP, Byrnihat, Ri Bhoi		13.06.2016
60	M/S JUD CEMENTS LIMITED	CEMENT MANUFACTURING UNIT	Wahiajer, Narpuh Elaka, Jaintia Hills		15.06.2016
61	M/S HOTEL ANURADHA	HOTEL	Police Bazar, East Khasi Hills		15.06.2016
62	M/S HOTEL POLO TOWERS	HOTEL, RESTAURANT & BAR	Polo, Shillong, East Khasi Hills		16.06.2016
63	M/S PRATIMA HOTEL	RESTAURANT	Laitumkhrah, East Khasi Hills		16.06.2016
64	M/S GREENLAND HOTEL	HOTEL	Police Bazar, East Khasi Hills		16.06.2016
65	M/S BABA TOURIST LODGE	HOTEL	Police Bazar, East Khasi Hills		16.06.2016
66	POWERGRID CORPORATION OF INDIA LTD.	D.G. SET	Lapalang, Shillong, East Khasi Hills		16.06.2016
67	M/S SUBHUJAN RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		16.06.2016
68	M/S ANDERSON TEA PROCESSING FACTORY	TEA MANUFACTURING UNIT	Umran Dairy, Ri Bhoi		16.06.2016
69	M/S THE EARLE HOLIDAY HOME	HOTEL	Oakland Road, Shillong, East Khasi Hills		17.06.2016
70	M/S ZION MACHINES LTD.	CORRUGATED CARDBOARD BOXES & ALUMINIUM PILFER PROOF CAPS & CLOSURES MANUFACTURING UNIT	Amjok, Byrnihat, Ri Bhoi		17.06.2016
71	M/S MEGHALAYA CAST & ALLOYS (P) LTD.	M.S. INGOT MANUFACTURING UNIT	Harlibagan, Byrnihat, Ri Bhoi		17.06.2016
72	M/S A.A. NUTRITIONS	FOOD PROCESSING UNIT	G.S. Road, 10 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		17.06.2016



**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
73	M/S CHENNAI JUNCTION	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
74	M/S KHASI ALLOYS PVT. LTD.	FERRO SILICON MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		17.06.2016
75	M/S JAI PLASTECH (P) LTD.	GLASS AND CUPS DISPOSABLE MANUFACTURING UNIT	Umtru Road, Rajabangan, Byrnihat, Ri Bhoi		17.06.2016
76	M/S EDEN RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
77	M/S NEOLITH RESTAURANT	RESTAURANT	Motphran, Shillong, East Khasi Hills		17.06.2016
78	M/S BARBEQUE CHINESE RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
79	M/S SHARMA TEA STALL	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
80	M/S GODWIN HOTEL	HOTEL	Police Bazar, East Khasi Hills		17.06.2016
81	M/S GARDEN HOTEL	HOTEL	Police Bazar, East Khasi Hills		17.06.2016
82	M/S HOTEL SHANTINIKETAN	HOTEL	Police Bazar, East Khasi Hills		17.06.2016
83	M/S HONGKONG RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
84	M/S BAMBOO HUT RESTAURANT	RESTAURANT	Kachari Road, Shillong, East Khasi Hills		17.06.2016
85	M/S PALACE CENTRE POINT	RESTAURANT	Police Bazar, East Khasi Hills		17.06.2016
86	M/S PALOMINO RESTAURANT	RESTAURANT	Laitumkhrah, East Khasi Hills		17.06.2016
87	M/S HOTEL BROADWAY	HOTEL	Police Bazar, East Khasi Hills		17.06.2016
88	M/S HOTEL LOTUS	HOTEL	Police Bazar, East Khasi Hills		17.06.2016
89	M/S NORTH EAST BOTTLING	IMFL BOTTLING PLANT	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		19.06.2016
90	M/S BSC-C&C 'JV'	WET MIX PLANT, BATCH TYPE PLANT, CONCRETE BATCHING PLANT & STONE CRUSHER	Kynshi, West Khasi Hills		20.06.2016
91	M/S MEGHALAYA MINERALS AND MINES LTD.	LIMESTONE CRUSHING UNIT	Lumshnong, East Jaintai Hills		20.06.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
92	M/S BSC-C&C 'JV'	WET MIX PLANT, BATCH TYPE PLANT, CONCRETE BATCHING PLANT & STONE CRUSHER	Rongkhen, Samanda, East Garo Hills		20.06.2016
93	M/S BSC-C&C 'JV'	D.G. SET	Kynshi, West Khasi Hills		20.06.2016
94	M/S KAMAKSHI ISPAT (P) LTD.	M.S. INGOT MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		20.06.2016
95	M/S BSC-C&C 'JV'	WET MIX PLANT, BATCH TYPE PLANT, CONCRETE BATCHING PLANT & STONE CRUSHER	Mawpon, Riango, West Khasi Hills		20.06.2016
96	M/S SWASTIC STONE CRUSHER	STONE CRUSHER	Mawkhap, Jirang, Ri bhoi		21.06.2016
97	M/S SHUBHAM HOTEL	HOTEL	Police Bazar, East Khasi Hills		21.06.2016
98	M/S CITY HUT FAMILY DHABA	RESTAURANT	Police Bazar, East Khasi Hills		21.06.2016
99	M/S MEGHA PLAST (P) LTD.	WOVEN PLASTIC BAGS/SACKS MANUFACTURING UNIT	15 <sup>th</sup> Mile, G.S. Road, Ri Bhoi		21.06.2016
100	M/S PAYAL TOURIST HOTEL	HOTEL	Police Bazar, East Khasi Hills		22.06.2016
101	M/S SHYAM CENTURY FERROUS LTD.	CAPTIVE POWER PLANT	EPIP, Byrnihat, Ri Bhoi		22.06.2016
102	M/S SHYAM CENTURY FERROUS LTD.	FERRO SILICON MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		22.06.2016
103	M/S MAGNUM HOTEL	HOTEL	Police Bazar, East Khasi Hills		23.06.2016
104	M/S AMBASSADOR HOTEL	HOTEL	Police Bazar, East Khasi Hills		24.06.2016
105	M/S WONG GARDEN	RESTAURANT	Police Bazar, East Khasi Hills		24.06.2016
106	M/S ANABOND LTD.	ANAEROBIC ADHESIVE & SEALANT INDUSTRY	Khanapara, Ri Bhoi		24.06.2016
107	HOTEL HARIOM	HOTEL	Quinton Road, Shillong, East Khasi Hills		24.06.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
108	HOTEL HILLSTAR	HOTEL	Police Bazar, East Khasi Hills		24.06.2016
109	M/S SHARMA BHOJNALAYA	RESTAURANT	Umsohsun Road, East Khasi Hills		24.06.2016
110	M/S ASHUTOSH INN	HOTEL	Police Bazar, East Khasi Hills		24.06.2016
111	M/S ASSEMBLY HOTEL	HOTEL	Police Bazar, East Khasi Hills		27.06.2016
112	M/S VOLGA MISTAN BHANDAR	RESTAURANT	Laitumkhrah, East Khasi Hills		29.06.2016
113	M/S AMM CAFE	FAST FOOD RESTAURANT	Police Bazar, East Khasi Hills		30.06.2016
114	M/S MEGHA CASHEW PVT. LTD.	CASHEWNUT PROCESSING UNIT	EPIP Byrnihat, Ri Bhoi		30.06.2016
115	M/S A.R. CASHEWNUT INDUSTRY	CASHEWNUT MAKING UNIT	Soliartak, Phulbari, West Garo Hills		05.07.2016
116	M/S GEE SEE KAA STONE CRUSHER	STONE CRUSHER	Umiam Industrial Area, Ri Bhoi		05.06.2016
117	M/S LODRI LYNGDOH SAW CUM VENEER MILL	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		07.06.2016
118	M/S MEGHALAYA CEMENTS LTD.	CEMENT MANUFACTURING UNIT	Thangskai, East Jaintia Hills		07.07.2016
119	M/S HOTEL HIGHWAY INN	HOTEL	Laitumkhrah, East Khasi Hills		15.07.2016
120	M/S NODROWELL & DAUGHTER BAKERS & CONFECTIONERS	BAKERY UNIT	Dhankheti, Shillong, East Khasi Hills		15.07.2016
121	M/S PARAS STONE CRUSHER	STONE CRUSHER	Iongkhuli, Raid Marwet, Ri Bhoi		15.07.2016
122	M/S ROY & SHARMA WORKSHOP	AUTOMOBILE WORKSHOP	Keating Road, East Khasi Hills		15.07.2016
123	M/S CATHERINE MYNSONG MOTOR WORKS	AUTOMOBILE SERVICING UNIT	Keating Road, East Khasi Hills		15.07.2016
124	M/S S. KHARKONGOR STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		15.07.2016
125	M/S MAITHAN ALLOYS LTD.	SILICO MANGANESE, FERRO MANGANESE & FERRO SILICON MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		20.07.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
126	M/S MARBA HUB	HOTEL & RESTAURANT	Police Bazar, East Khasi Hills	20.07.2016	
127	M/S MEGHALAYA POWER LTD.	THERMAL POWER PLANT	Lumshnong, East Jaintia Hills		22.07.2016
128	N.E.I.G.R.I.H.M.S.	SEWAGE TREATMENT PLANT	Mawdiangdiang, East Khasi Hills		27.07.2016
129	M/S JUD CEMENTS LIMITED	CEMENT MANUFACTURING UNIT	Wahiajer, Narpuh Elaka, Jaintia Hills		28.07.2016
130	M/S VISHAL SAW CUM VENEER MILL PVT. LTD.	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		29.07.2016
131	M/S UMADUTT INDUSTRIES LTD.	HDPE BAGS MANUFACTURING UNIT	Amjok, Brynihat, Ri Bhoi		29.07.2016
132	M/S M. KHARPRAN STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		01.08.2016
133	M/S R. KHARPRAN STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		01.08.2016
134	M/S STAR CEMENT LIMITED	CLINKER/CEMENT MANUFACTURING UNIT	Lumshnong, East Jaintia Hills		01.08.2016
135	M/S ADHUNIK CEMENTS LTD.	CEMENT PLANT	Thangskai, East Jaintia Hills		02.08.2016
136	M/S SHILLONG MUNICIPAL BOARD	SANITARY LANDMILL	Marten, Mawiong, East Khasi Hills	02.08.2016	
137	M/S HOTEL PINE BOROUGH	HOTEL, RESTAURANT & BAR	Police Bazar, East Khasi Hills		03.08.2016
138	M/S PRINT EXPRESS	DIGITAL PRINTING PRESS	Thana Road, East Khasi Hills		03.08.2016
139	M/S CHESA AUTOMOBILE WORKSHOP	AUTOMOBILE & SERVICING UNIT	Matchikolgre, Tura, West Garo Hills		03.08.2016
140	M/S MAITHAN ALLOYS LTD.	CAPTIVE POWER PLANT	EPIP, Byrnihat, Ri Bhoi		05.08.2016
141	M/S MAITHAN ALLOYS LTD.	OXYGEN PLANT	EPIP, Byrnihat, Ri Bhoi		05.08.2016
142	M/S GEE SEE KAA STONE CRUSHER	STONE CRUSHER	Wahkdait, Laitkor, East Khasi Hills		05.08.2016
143	M/S D. RYNGA LIME KILN	LIME KILN	Mawsmmai, Sohra, East Khasi Hills		05.08.2016
144	M/S CATHERINE MYNSONG MOTOR WORKS	AUTOMOBILE WORKSHOP	Keating Road, East Khasi Hills		05.08.2016
145	M/S DYMPEP STONE CRUSHER	STONE CRUSHER	Mawphlang, East Khasi Hills		05.08.2016

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
146	M/S RANI MOTORS	AUTOMOBILE WORKSHOP & SERVICING UNIT	Mawblei, Shillong, East Khasi Hills		05.08.2016
147	M/S HOPES CLINIC	D.G. SET	Barik, Shillong, East Khasi Hills		05.08.2016
148	M/S VIRGO CEMENTS LTD.	CEMENT MANUFACTURING UNIT	Damas, East Garo Hills		05.08.2016
149	M/S NAZ RESTAURANT	RESTAURANT	Mawlonghat, Shillong, East Khasi Hills		05.08.2016
150	M/S LYGDOH LIME KILN	LIME KILN	Mawmluh, Sohra, East Khasi Hills		05.08.2016
151	THE FRUIT PRESERVATION CENTRE	FRUIT PROCESSING UNIT	Fruit Garden, Shillong, East Khasi hills		05.08.2016
152	M/S ROSE WARJRI BAKERY	BAKERY UNIT	Mawlai Mawroh, Shillong, East Khasi Hills		05.08.2016
153	M/S BANALARI WORLD CARS	AUTOMOBILE WORKSHOP & SERVICING UNIT	Mawlai Nongkwar, Shillong, East Khasi Hills		05.08.2016
154	M/S P. SYNREM LIME KILN	LIME KILN	Mawmluh, Sohra, East Khasi Hills		05.08.2016
155	M/S C. SYNREM LIME KILN	LIME KILN	Mawmluh, Sohra, East Khasi Hills		05.08.2016
156	M/S C.M.J. BREWERIES (P) LIMITED	BREWERY PLANT	New Industrial Area, Byrnihat, Ri Bhoi		05.08.2016
157	M/S SRIRAM WIRE PRODUCTS (MEGHALAYA)	BLACK WIRE & WIRE NAILS MANUFACTURING UNIT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi		10.08.2016
158	M/S LITTLE CHEF BAKERY	BAKERY UNIT	Laitumkhrah, East Khasi Hills		11.08.2016
159	M/S K. KSHIAR LIME KILN	LIME KILN	Mawsmi, Sohra, East Khasi Hills		12.08.2016
160	M/S BROMING INDUSTRIES	WATER PROOFING COMPOUND & CEMENT ADHESIVE UNIT	Norbong, Byrnihat, Ri Bhoi		17.08.2016
161	M/S MEGHALAYA BITCHEM (P) LTD.	BITUMEN MANUFACTURING UNIT	Killing, Byrnihat, Ri Bhoi		19.08.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
162	M/S J. SAW & MILL LTD.	SAW CUM VENEER MILL	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		19.08.2016
163	M/S K.L. INDUSTRIES	FEED MILL UNIT	Baridua, Ri Bhoi		19.08.2016
164	M/S MEGHA PLAST (P) LTD.	WOVEN PLASTIC BAGS/SACKS MANUFACTURING UNIT	15 <sup>th</sup> Mile, G.S. Road, Ri Bhoi		19.08.2016
165	M/S NORTH EASTERN REGIONAL LOAD DISPATCH CENTRE	D.G. SET	Nongrah, Shillong, East Khasi Hills		19.08.2016
166	M/S GODREJ CONSUMER PRODUCTS LTD.	MOSQUITO REPELLENT MANUFACTURING UNIT	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		19.08.2016
167	M/S SHIROMANI FOOD PRODUCTS (P) LTD.	FOOD GRAIN CLEANING, SIZING & GRADING UNIT	Baridua, Ri Bhoi		19.08.2016
168	M/S WARJRI ENTERPRISE	STONE CRUSHER	Mawphlang, East Khasi Hills		22.08.2016
169	M/S PREMIER BAKERY	BAKERY UNIT	Uiam Industrial Area, Ri Bhoi		23.08.2016
170	M/S PREMIER HATCHERY	HATCHERY UNIT	Uiam Industrial Area, Ri Bhoi		23.08.2016
171	M/S PREMIER FEED MILL	FEED MILL UNIT	Uiam Industrial Area, Ri Bhoi		23.08.2016
172	M/S JAINTIA CEMENT LTD.	CEMENT MANUFACTURING UNIT	Latyrke, Sutnga Elaka, East Jaintia Hills		23.08.2016
173	M/S HIAMBOK L. THABAH STONE CRUSHER	STONE CRUSHER	Mawmarian, Myllem Syiemship, East Khasi Hills		23.08.2016
174	M/S E.M. CAR SERVICING UNIT	AUTOMOBILE SERVICING UNIT	Maraikaphon, Sohra, East Khasi Hills		23.08.2016
175	M/S SESHU NUTRITION (P) LTD.	FOOD MANUFACTURING	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		23.08.2016
176	M/S E.J.R. BAKERY	BAKERY UNIT	Nongthymmai, Shillong, East Khasi Hills		24.08.2016
177	M/S C.M.J. BREWERIES (P) LIMITED	MALT GRAIN SPIRIT & POWER PLANT	New Industrial Area, Byrnihat, Ri Bhoi		24.08.2016
178	M/S A.S. KYNTA AUTOMOBILE WORKSHOP	AUTOMOBILE WORKSHOP	Mawir, Nongrim, Sohra, East Khasi Hills		24.08.2016



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
179	M/S SWISH CAFE	RESTAURANT	Laitumkhrah, East Khasi Hills		25.08.2016
180	M/S SHIVANI ISPAT & ROLLING MILLS (P) LTD.	RE-ROLLING MILL UNIT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi		26.08.2016
181	M/S SEVEN SISTERS PLASTICS (P) LTD.	HDPE & PP WOVEN BAG MANUFACTURING UNIT	Amjok, Byrnihat, Ri Bhoi		26.08.2016
182	M/S URLONG TEA	TEA PROCESSING UNIT	Mawlyngot, East Khasi Hills		29.08.2016
183	M/S H.K.S. STONE CRUSHER PLANT	STONE CRUSHER	Iongkhuli, Raid Marwet, Ri Bhoi		29.08.2016
184	M/S D. RYMBAI LIME KILN	LIME KILN	Mawsmat, Sohra, East Khasi Hills		29.08.2016
185	M/S SOHPHOH STONE CRUSHER	STONE CRUSHER	Puriang, East Khasi Hills		29.08.2016
186	M/S SCOOTER REPAIR WORKSHOP	AUTOMOBILE WORKSHOP	Keating Road, Shillong, East Khasi Hills		29.08.2016
187	M/S J.S. CRUSHER	STONE CRUSHER	Sohryngkham, East Khasi Hills		29.08.2016
188	M/S S.D. CERAMICS	CERAMICS PLANT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi	29.08.2016	
189	M/S MEGHALAYA POWER LTD.	8 MW THERMAL POWER PLANT	Lumshnong, East Jaintia Hills		31.08.2016
190	M/S MUKHIM STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		31.08.2016
191	M/S AIRPORT AUTHORITY OF INDIA	D.G. SET	Umroi, Ri Bhoi		31.08.2016
192	M/S MEGHA FOODS PRODUCTS	POULTRY & OTHER ANIMAL FEED	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		02.09.2016
193	M/S RIANGDO VENEER PVT. LTD.	VENEER & VENEER DRYING UNIT	Umiam Industrial Area, Ri Bhoi		02.09.2016
194	M/S V.M. MODERN RICE	RICE MILL UNIT	Umiam Industrial Area, Ri Bhoi		02.09.2016
195	M/S LAFARGE UMIAM MINING PVT. LTD.	D.G. SET	Nongtraï, East Khasi Hills		07.09.2016
196	M/S MEGHALAYA POLYFAB	NON WOVEN BAG MANUFACTURING UNIT	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		07.09.2016



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
197	M/S THREE LEAVES CONSUMER PRODUCTS PVT. LTD.	FOOD PACKING UNIT	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		08.09.2016
198	M/S S.G. PATHAW	COLLECTION, TRANSPORTATION & STORAGE OF SCRAP MATERIAL	New Umtru, Umsning, Ri Bhoi		08.09.2016
199	M/S CMJ BREWERIES PVT. LTD.	IMFL BOTTLING PLANT	New Industrial Area, Byrnihat, Ri Bhoi		08.09.2016
200	M/S PREMIER ROLLER FLOUR MILL	ROLLER FLOUR MILL UNIT	Umiam Industrial Area, Ri Bhoi		12.09.2016
201	M/S SPEED WHEEL AUTO	AUTOMOBILE WORKSHOP	Pohkse, Shillong, East Khasi Hills		15.09.2016
202	M/S RNB CARBIDE & FERRO ALLOYS (P) LTD	FERRO SILICON & CALCIUM CARBIDE	Umiam Industrial Estate, Ri Bhoi		15.09.2016
203	M/S HARMEL A. SANGMA STONE CRUSHER	STONE CRUSHER	Bollongiri, Selsella, West Garo Hills		15.09.2016
204	M/S SPARKLING NONGRUM STONE CRUSHER	STONE CRUSHER	Elaka Laitkroh, East Khasi Hills		15.09.2016
205	M/S MEGHALAYA POWER GENERATION CORPORATION LTD.	SONAPANI MINI HYDEL PROJECT	Shillong, East Khasi Hills		15.09.2016
206	M/S RNB CEMENT (P) LTD.	600 TDP CEMENT MANUFACTURING UNIT	Umiam Industrial Area, Ri Bhoi		16.09.2016
207	M/S TIMPACK (P) LTD.	BAMBOO BASED INDUSTRY	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		19.09.2016
208	M/S SHILLONG ISPAT & ROLLING MILL	EXPANSION OF M.S. INGOT UNIT & M.S. ROLLED UNIT	13 <sup>th</sup> Mile Tamulkuchi, Ri Bhoi		20.09.2016
209	M/S NALARI FERRO ALLOYS LTD.	EXPANDED FERRO ALLOY PLANT	EPIP, Byrnihat, Ri Bhoi		21.09.2016
210	M/S KAMAKSHI ISPAT (P) LTD.	M.S. INGOT MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		22.09.2016
211	M/S EASTERN SAW MILL	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		22.09.2016
212	M/S TIMBER CRAFT & VENEER PRODUCTS (INDIA) PVT. LTD.	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		22.09.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
213	M/S DURA ENTERPRISE	STONE CRUSHER	Umduba, Killing, Ri Bhoi		22.09.2016
214	M/S M.N. SAW CUM VENEER PVT. LTD.	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		22.09.2016
215	M/S SHILLONG VENEER & SAW MILL PVT. LTD.	SAW CUM VENEER MILL	Umiam Industrial Area, Ri Bhoi		22.09.2016
216	M/S DELACACIES FOOD PROCESSING UNIT	FOOD PROCESSING UNIT	Mawpran Nongrah, East Khasi Hills		27.09.2016
217	M/S GREGORY KHONGWIR STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		27.09.2016
218	M/S EDMUND PYNGROPE STONE CRUSHER	STONE CRUSHER	Laitkor Mawrie Lumheh East Khasi Hills		28.09.2016
219	M/S 13 STAR STONE CRUSHER	STONE CRUSHER	Kyrdemkhla, East Khasi Hills		28.09.2016
220	M/S G.G. TIMBERS & VENEER MILLS	SAW & VENEER MILLS	Umiam Industrial Area, Ri Bhoi		28.09.2016
221	M/S B.R. INDUSTRIES	CASHEWNUT MAKING UNIT	Phulbari, West Garo Hills		28.09.2016
222	M/S KHASI ALLOYS PVT. LTD.	FERRO SILICON MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		30.09.2016
223	M/S RNB CARBIDE & FERRO ALLOYS (P) LTD.	FERRO SILICON & CALCIUM CARBIDE	Umiam Industrial Estate, Ri Bhoi		30.09.2016
224	M/S HOTEL GRACE	HOTEL	Police Bazar, East Khasi Hills		05.10.2016
225	M/S BSC-C&C 'JV'	120 MTPD CONCRETE BATCHING PLANT	Rangskhen, East Khasi Hills		06.10.2016
226	M/S DISHNET WIRELESS LTD.	D.G. SET	Police Bazar, East Khasi Hills		07.10.2016
227	M/S HITECH KHARPRAN STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		07.10.2016
228	M/S MARAK BRICK KILN	BRICK KILN	Gabil, Koksi, East Garo Hills		14.10.2016
229	M/S SHREE SHAKAMBARI FERRO ALLOYS (P) LTD.	FERRO ALLOY	Rwiang, Seinduly, West Khasi Hills		14.10.2016
230	M/S STAR CEMENT LIMITED	4.70 Ha. KHUB-II, LIMESTONE MINING	Lumshnong, East Jaintia Hills		28.10.2016
231	M/S STAR CEMENT LIMITED	4.85 Ha. LIMESTONE MINING	Lumshnong, East Jaintia Hills		28.10.2016
232	M/S ITD CEMENTATION INDIA PVT LTD.	STONE CRUSHER	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		04.11.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
233	M/S CITY MOTOR WORKS	AUTOMOBILE WORKSHOP	Kench's Trace, Shillong, East Khasi Hills		10.11.2016
234	M/S GREEN POWER SOLUTIONS	D.G. SET	8 <sup>th</sup> Mile, Baridua, Ri Bhoi		10.11.2016
235	M/S REGETTA FOOD PVT. LTD.	MEAT PROCESSING UNIT	Umiam Industrial Estate, Ri Bhoi		17.11.2016
236	M/S LARRY RYMBAI STONE CRUSHER	STONE CRUSHER	Lamlyer, Jarain, East Khasi Hills		18.11.2016
237	M/S MEGHALAYA ENERGY FOODS	FOOD PROCESSING UNIT	9 <sup>th</sup> Mile, Baridua, Ri Bhoi		18.11.2016
238	M/S S.M. POLYPACK INDUSTRIES	WOVEN SACKS MANUFACTURING UNIT	Umiam Industrial Estate, Ri Bhoi		24.11.2016
239	M/S MAWLYNGNGAD STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		24.11.2016
240	M/S SPENCER MAJAW STONE CRUSHER	STONE CRUSHER	Mawianglah, Upper Shillong, East Khasi Hills		24.11.2016
241	M/S HONSEN LYNGDOH STONE CRUSHER	STONE CRUSHER	Mawiongrim, East Khasi Hills		24.11.2016
242	M/S WARJRI STONE CRUSHER	STONE CRUSHER	Kyiem, Mawphlang, East Khasi Hills		25.11.2016
243	M/S S.R.M. PLASTO PVT. LTD.	PVC PIPES & FITTING	Umiam Industrial Area, Ri Bhoi		25.11.2016
244	M/S INDOMECH INDUSTRY	D.G. SET	Marwet, Khanapara, Ri Bhoi		25.11.2016
245	ANIMAL HUSBANDARY & VETERINARY DEPTT. MEGHALAYA	CENTRAL DAIRY JOWAI	Ladthalaboh, Jowai, West Jaintia Hills		30.11.2016
246	M/S BSCPL INFRASTRUCTURE LTD.	WET MIX PLANT, HOT MIX BATCH TYPE PLANT, CONCRETE BATCHING PLANT & STONE CRUSHER	Nirigini, Betasing, South West Garo Hills		30.11.2016
247	M/S MEGHALAYA CEMENTS LTD.	10 MW CAPTIVE POWER PLANT	Thangskai, East Jaintia Hills		01.12.2016
248	M/S AUMZ INDUSTRIES	SAW TIMBER WASTE GRINDING UNIT	20 <sup>th</sup> Mile, Paham Mawlein, Ri Bhoi		02.12.2016
249	M/S HILLS CEMENT COMPANY LIMITED	LIMESTONE MINE	Mynkre, East Jaintia Hills		05.12.2016
250	M/S DONBOR LAKHMI STONE CRUSHER	STONE CRUSHER	Pynsemkura, Ri Bhoi		07.12.2016

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
251	M/S IDEA CELLULAR LTD.	D.G. SETS	Fire Brigade, Shillong, East Khasi Hills		09.12.2016
252	M/S HONGKONG RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		13.12.2016
253	M/S B.K. SAW CUM VENEER MILL PVT. LTD.	SAW CUM VENEER MILL	12 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		13.12.2016
254	THE DIRECTORATE OF PRINTING & STATIONERY	EFFLUENT TREATMENT PLANT	Shillong, East Khasi Hills		13.12.2016
255	M/S I.T.D. CEMENTATION LTD.	D.G. SET	Norbong, Byrnihat, Ri Bhoi		13.12.2016
256	M/S NALARI INDUSTRIES	TEA INDUSTRIES	Mawsyntai, Nongpoh, Ri Bhoi		19.12.2016
257	M/S GODREJ CONSUMER PRODUCTS LTD.	HOT WATER GENERATOR	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		22.12.2016
258	M/S SHILLA ENTERPRISE	STONE CRUSHER	Barapathar, Ri Bhoi		22.12.2016
259	M/S SARVAMAYEE FOOD PRODUCTS (P) LTD.	FOOD GRAIN GRADING PROCESSING & NUTRI FOOD UNIT	9 <sup>th</sup> Mile Baridua, Ri Bhoi		22.12.2016
260	M/S SHYAM FOODS	BAKERY UNIT	Killing, Ri Bhoi		20.12.2016
261	M/S STAY INN GUEST HOUSE	HOTEL	Keating Road, East Khasi Hills		05.01.2017
262	M/S PYARMON KHARNARY STONE CRUSHER	STONE CRUSHER	Lyngkyrdem, East Khasi Hills		06.01.2017
263	M/S HOTEL HARIOM	HOTEL	Quinton Road, Shillong, East Khasi Hills		09.01.2017
264	M/S ORIENTAL RESTAURANT & BAR	RESTAURANT & BAR	Police Bazar, East Khasi Hills		13.01.2017
265	M/S SURUCHI RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		19.01.2017
266	M/S ONYCON ENGINEERS	STONE CRUSHER	Chibagre, Rongram, West Garo Hills		24.01.2017
267	M/S W. DOLOI STONE CRUSHER	STONE CRUSHER	Umpyur, Jirang, Ri Bhoi		27.01.2017
268	M/S ODOMOS PATHO STONE CRUSHER	STONE CRUSHER	Gonpati, Jirang, Ri Bhoi		27.01.2017
269	M/S DYNA ROOF PVT. LTD.	COLOUR COATED PROFILE SHEET CORRUGATION IRON SHEET & IRON RIDGING MANUFACTURING UNIT	10 <sup>th</sup> Mile Maw Smai, Ri Bhoi		27.01.2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
270	M/S VAISHALI RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		31.01.2017
271	M/S RI BHOI ISPAT & ROLLING MILLS	M.S. INGOT MANUFACTURING UNIT	13 <sup>th</sup> Mile, Tamulkuchi, Ri Bhoi		31.01.2017
272	M/S S.S. LAKHMI STONE CRUSHER	STONE CRUSHER	Puransukubaria, Jirang, Ri Bhoi		31.01.2017
273	M/S ANAND HOTEL	HOTEL	Quinton Road, Shillong, East Khasi Hills		02.02.2017
274	M/S SHREE MAHABIR FLOUR MILL	ATTA-CHAKI MILL	Luckier Road, Shillong, East Khasi Hills		02.02.2017
275	M/S B.S. STONE CRUSHER	STONE CRUSHER	Mawdiangdiang, East Khasi Hills		02.02.2017
276	M/S STAR CEMENT MEGHALAYA LIMITED	CLINKER MANUFACTURING UNIT	Lumshnong, East Jaintia Hills		02.02.2017
277	M/S MEGHALAYA CEMENTS LTD.	LIMESTONE MINING	Khliehjar, East Jaintia Hills		02.02.2017
278	M/S GREENLAND LAKHMI CRUSHER	STONE CRUSHER	Puransukubaria, Jirang, Ri Bhoi		08.02.2017
279	M/S COMMERCIAL IRON & STEEL CO. (P) LTD.	EXPANDED M.S. INGOT	EPIP, Byrnihat, Ri Bhoi		09.02.2017
280	M/S SWASTIK STONE CRUSHER	STONE CRUSHER	Mawkhap, Jirang, Ri Bhoi		09.02.2017
281	M/S SUPERTECH CONBRIT INDUSTRIES	BRICKS, CONCRETE TILES & PAVERS & HOLLOW BLOCKS MANUFACTURING UNIT	Adokgre, North Garo Hills		10.02.2017
282	M/S GODREJ CONSUMER PRODUCTS LTD.	MOSQUITO REPELLENT MANUFACTURING UNIT	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		10.02.2017
283	M/S WEST GARO HILLS TEA FARMER FEDERATION	TEA FACTORY	Rongram, Tura, West Garo Hills		10.02.2017
284	M/S KORIN JONES SUTING STONE CRUSHER	STONE CRUSHER	Demthring, West Jaintia Hills		10.02.2017
285	M/S M.D.H. BEVERAGES (P) LIMITED	I.M.F.L. BOTTLING UNIT	Umiam Industrial Area, Ri Bhoi		10.02.2017
286	M/S GODREJ CONSUMER PRODUCTS LTD.	D.G. SET	15 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		10.02.2017

**MEGHALAYA STATE POLLUTION CONTROL BOARD**

Annual  
Report  
2016-2017

Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
287	M/S WILLING STONE CRUSHER	STONE CRUSHER	Manggapara, South West Garo Hills		10.02.2017
288	M/S SHAKAMBARI FERRO ALLOYS (P) LTD.	10 MT CAPTIVE POWER PLANT	Rwiang, Seinduly, West Khasi Hills		15.02.2017
289	M/S PYNKHRAWLANG STONE CRUSHER	STONE CRUSHER	Madan Thangsning, East Khasi Hills		17.02.2017
290	M/S ADHUNIK CEMENTS LTD.	D.G. SET	Thangskai, East Jaintia Hills		17.02.2017
291	M/S HOTEL ALPINE CONTINENTAL	HOTEL, RESTAURANT & BAR	Thana Road, Shillong, East Khasi Hills		17.02.2017
292	M/S WANKHAR STONE CRUSHER	STONE CRUSHER	Laitkor, East Khasi Hills		17.02.2017
293	M/S ZION MACHINES LTD.	CORRUGATED CARDBOARD BOXES & ALUMINIUM PILFER PROOF CAPS & CLOSURES MANUFACTURING UNIT	Amjok, Byrnihat, Ri Bhoi		17.02.2017
294	M/S K.K. STONE CRUSHER	STONE CRUSHER	Lad Smit, East Khasi Hills		17.02.2017
295	M/S JAINTIA FERRO ALLOYS (P) LTD.	M.S. INGOT MANUFACTURING UNIT	13 <sup>th</sup> Mile, Tamulkuchi, Ri Bhoi		17.02.2017
296	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK II	Thangskai, East Jaintia Hills		20.02.2017
297	M/S ANUPAMA RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		23.02.2017
298	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK I	Thangskai, East Jaintia Hills		24.02.2017
299	M/S ADHUNIK CEMENTS LTD.	CEMENT/CLINKER MANUFACTURING UNIT	Thangskai, East Jaintia Hills		28.02.2017
300	M/S VANESSA LAKE VIEW INN	HOTEL & RESTAURANT	M.G. Road, Shillong, East Khasi Hills		01.03.2017
301	M/S HOTEL LOTUS	HOTEL	Police Bazar, East Khasi Hills		01.03.2017
302	M/S BRAHMAPUTRA WIRE PRODUCTS	MS BACK WIRE & WIRE NAIL MANUFACTURING UNIT	S.J. Road, Athgoan, Guwahati		06.03.2017
303	M/S ANNAPURNA RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		06.03.2017



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
304	M/S GREAT WALL RESTAURANT	RESTAURANT	Police Bazar, Shillong, East Khasi Hills		06.03.2017
305	M/S RICE BOWL	RESTAURANT	Police Bazar, East Khasi Hills		06.03.2017
306	M/S AMBASSADOR HOTEL	HOTEL	Police Bazar, East Khasi Hills		06.03.2017
307	M/S NEW HOPE RESTAURANT	RESTAURANT	K.J.P. Assembly, Shillong, East Khasi Hills		06.03.2017
308	M/S EDEN RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		06.03.2017
309	M/S MAGNUM HOTEL	HOTEL	Police Bazar, East Khasi Hills		06.03.2017
310	M/S A.H.A. INDUSTRY	STONE CRUSHER	Tikring, Darigiri, West Garo Hills		06.03.2017
311	M/S D. KSIAR STONE CRUSHER	STONE CRUSHER	Mawkhap, Jirang, Ri Bhoi		06.03.2017
312	M/S UMADUTT INDUSTRIES LTD.	HDPE BAGS MANUFACTURING UNIT	Amjok, Brynihat, Ri Bhoi		07.03.2017
313	M/S SHREE MAHABIR INDUSTRIES	SAW CUM MILL	Umiam Industrial Area, Ri Bhoi		07.03.2017
314	M/S IAMON SERVICING CENTRE	SERVICING UNIT	Laitumkhrah, East Khasi Hills		08.03.2017
315	N.E.I.G.R.I.H.M.S.	D.G. SET	Mawdiangdiang, East Khasi Hills		08.03.2017
316	M/S J.J. STONE CRUSHER	STONE CRUSHER	Sohryngkham, East Khasi Hills		08.03.2017
317	M/S MEGHALAYA POWER GENERATION CORPORATION LTD.	HYDRO ELECTRIC POWER PROJECT	Dehal, Ri Bhoi	08.03.2017	
318	M/S HOTEL PEGASUS CROWN	HOTEL	Police Bazar, East Khasi Hills		08.03.2017
319	M/S TIBET KITCHEN RESTAURANT	RESTAURANT	Police Bazar, East Khasi Hills		16.03.2017
320	M/S RIANGDO VENEER PVT. LTD.	STEEL TABULAR POLES MANUFACTURING UNIT	Umiam Industrial Area, Ri Bhoi		17.03.2017
321	M/S HOTEL BRIWELL	HOTEL	Police Bazar, East Khasi Hills		17.03.2017
322	M/S NEZONE PIPES & STRUCTURES	PIPE, POLE & STRUCTURES	New Industrial Area, Ri Bhoi		17.03.2017



Sl. No.	Name of Industry	Type of Unit	Location of the Industry/Unit	Date of Issue for Renewal	
				RCTE	RCTO
323	M/S NTL STEELS	POLES & STEEL STRUCTURES MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		17.03.2017
324	M/S ALBRIN SUTING STONE CRUSHER	STONE CRUSHER	Pillingkata, Ri Bhoi		21.03.2017
325	M/S MARTINA TARIANG STONE CRUSHER	STONE CRUSHER	Killing, Khanapara, Ri Bhoi		21.03.2017
326	M/S KHASI ALLOYS PVT. LTD.	FERRO SILICON MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		22.03.2017
327	M/S A.A. NUTRITIONS	FOOD PROCESSING UNIT	G.S. Road, 10 <sup>th</sup> Mile, Byrnihat, Ri Bhoi		23.03.2017
328	M/S P. KHONGSTAI STONE CRUSHER	STONE CRUSHER	Laitkroh, East Khasi Hills		23.03.2017
329	M/S BOKTO ZAMAN STONE CRUSHER	STONE CRUSHER	Tangoan, West Garo Hills		23.03.2017
330	M/S SPLENDID RESTAURANT	RESTAURANT	Iewduh, Shillong, East Khasi Hills		27.03.2017
331	M/S S. KHARKONGOR STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		30.03.2017
332	M/S R. KHARPRAN STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		30.03.2017
333	M/S B.M/ WANKHAR STONE CRUSHER	STONE CRUSHER	Mawlyngngad, East Khasi Hills		30.03.2017
334	M/S AMRIT CEMENT LIMITED	CEMENT MANUFACTURING UNIT & CAPTIVE POWER PLANT	Elaka Rymbai, East Jaintia Hills		30.03.2017
335	M/S STAR CEMENT LIMITED	4.96 Ha. KHUB-I, LIMESTONE MINE	Lumshnong, East Jaintia Hills		30.03.2017
336	M/S MEGHA POLYCON (P) LTD.	HDPE/LLDPE, WATER STORAGE TANK MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		30.03.2017
337	M/S SHARAWN TEA	TEA PROCESSING UNIT	Sohryngkham, East Khasi Hills		30.03.2017
338	M/S ORION HEALTH FOOD PVT. LTD.	FOOD MANUFACTURING UNIT	EPIP, Byrnihat, Ri Bhoi		31.03.2017
339	M/S ADHUNIK CEMENTS LTD.	LIMESTONE MINING BLOCK - IV	Thangskai, East Jaintia Hills		31.03.2017

Published by: Member Secretary

Meghalaya State Pollution Control Board

‘Arden’, Lumpynggad, Shillong – 793014

Phone: 0364-2521726/2521217/2522802

Fax: 0364-2521726

Email: [megspcb@rediffmail.com](mailto:megspcb@rediffmail.com)  
[memsecy.spcb-meg@gov.in](mailto:memsecy.spcb-meg@gov.in)

Website : [www.megspcb.gov.in](http://www.megspcb.gov.in)

Compiled & Prepared by E.B. Syiem, U.D. Assistant

Printed at: Print Xpress, Thana Road, Shillong – 1

Phone: 0364-2222570, +91 9774012302

Email: [printxpress04@gmail.com](mailto:printxpress04@gmail.com)