



MEGHALAYA STATE POLLUTION CONTROL BOARD

'ARDEN' LUMPYNGNGAD,
SHILLONG - 793014

email : megspcb@rediffmail.com
megspcb@bsnl.in

PHONE : 0364 - 252153
252280
2521514
2522726
TELEFAX : 0364 - 2521217
2521764

No. MPCB/Legal-37/2014/2014-15/_

2/11
Dt. Shillong The Nov., 2014

To,

The Member secretary
Central Pollution Control Board
Parivesh Bhavan, East Arjun Nagar,
Delhi-110032

Subject: NGT, New Delhi, Order Dt. 3rd Nov., 2014 in Almitra H. Patel & Anr. Vs.
Union of India & Ors.

Ref: Letter No. Nil Dt. 11-11-2014 from Mrs. Almitra H. Patel, Member, Supreme Court
Committee for Solid Waste Management.

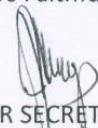
Sir,

With reference to the above, the NGT, New Delhi vide Order Dt. 3rd Nov., 2014 has directed that all State Pollution Control Boards file periodical report to the CPCB for presenting the same in a comprehensive way in the Tribunal. I am to inform that the Meghalaya State pollution Control board files the same annually to the CPCB and the latest report was submitted vide letter No. MPCB/TB-SWM-3 (2006)/2014-2015/81 Dt. 09 Sept., 2014 (Copy enclosed).

This is for your information and needful.

Encl: as stated

Yours Faithfully


MEMBER SECRETARY
Meghalaya State pollution Control Board
Shillong

MEGHALAYA STATE POLLUTION CONTROL BOARD

'ARDEN' LUMPYNGGAD,
SHILLONG - 793014

PHONE : 0364 - 2521533
2522802
2521514
2522726

email : megspcb@rediffmail.com
megspcb@bsnl.in

TELEFAX : 0364 - 2521217
2521764

NO. MPCB/TB-SWM-3(2006)/2014-2015/ 81

Dated: 09th September, 2014

To

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi - 110032.

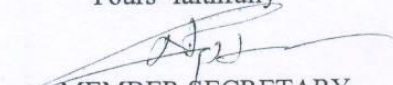
Sub: Furnishing Annual Report on Implementation of Municipal Solid Waste (Management & Handling) Rules, 2000 for the year 2013-14 - reg.

Sir,

In inviting a reference to the above, please find enclosed herewith the Annual Report on Bio- Municipal Solid Waste Management for the year 2013-14 in respect of Meghalaya for favour of your information and needful.

Enclosed: As stated

Yours' faithfully



MEMBER SECRETARY
Meghalaya State Pollution Control Board.
Shillong

Memo NO. MPCB/TB-SWM-3(2006)/2014-2015/ 81(A)

Dated: 09th September, 2014

Copy to:

1. Shri. J.S. Kamyotra, Sc'F' and I/c PCP, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 110032 for information.
2. The Zonal Officer, Central Pollution Control Board, "TUM - SIR" Lower Motinagar, Near Fire Brigade HQ, Shillong-793014 for information.


MEMBER SECRETARY
Meghalaya State Pollution Control Board.
Shillong

Form – IV
[see rule 8(1)]

**Annual Review Report for the year 2013-2014 submitted by the
Meghalaya State Pollution Control Board, Shillong.**

To,

The Chairman,
Central Pollution Control Board,
(Ministry of Environment & Forests)
Government of India,
Parivesh Bhawan, East Arjun Nagar,
Delhi – 110 032.

1. Name of the State/ Union Territory : MEGHALAYA
2. Name & Address of the State Pollution Control Board/Pollution Control Committee : MEGHALAYA STATE POLLUTION CONTROL BOARD
3. Number of Municipal Authorities responsible for management of Municipal Solid Wastes in the State/Union Territory : 7 (seven)
4. A Summary Statement on progress made by Municipal Authorities in respect of implementation of Schedule I [Rule 4(3)] : Attached at Annexure – I
5. A Summary Statement on progress made by Municipal Authorities in respect of implementation of Schedule II [Rule 6(1) and (3), 7(1)] : Attached at Annexure – II
6. A Summary Statement on progress made by Municipal Authorities in respect of implementation of Schedule III [Rule 6(1) and (3), 7(2)] : Attached at Annexure – III
7. A Summary Statement on progress made by Municipal Authorities in respect of implementation of Schedule IV [Rule 6(1) and (3), 7(2)] : Attached at Annexure – IV

Date: 09th September 2014.
Place: Shillong


MEMBER SECRETARY
Meghalaya State Pollution Control Board
Shillong

A Summary Statement on progress made by the concerned Municipal Authorities in respect of implementation of Schedule I [Rule 4(3)]

1. TURA MUNICIPAL BOARD:

(i) *Setting up of waste processing and disposal facilities:-*

A Vermi-compost Plant is adopted at Tura for processing of bio-degradable waste.

(ii) *Monitoring the performance of waste processing and disposal facilities:-*

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.

(iii) *Improvement of existing landfill sites as per provision of these Rules:-*

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 the Meghalaya Urban Development has commenced construction activities in the dumping ground located in Rongkon Songgital.

(iv) *Identification of landfill sites for future use and making the site ready for operation:-*

The Tura Municipal Board has no proposal for selection of a new site for future use.

2. JOWAI MUNICIPAL BOARD:

(i) *Setting up of waste processing and disposal facilities:-*

The Jowai Municipal Board has acquired a plot of land at Sabah Muswang for the purpose of construction of a scientific landfill site. The Detailed Project Report for the proposed project has been prepared by the Meghalaya Urban Development Authority and is lying with the Government for approval.

(ii) *Monitoring the performance of waste processing and disposal facilities:-*

Monitoring of the performance of the waste processing and disposal facility is not required presently as there is no processing facility.

(iii) *Improvement of existing landfill sites as per provision of these Rules:-*

The Jowai Municipal Board does not have its own disposal site. At present, the Municipal Solid Wastes collected by the Board are disposed/dumped at the Jaintia Hills Autonomous District

Council dumping ground at Myngkjai.

(iv) ***Identification of landfill sites for future use and making the site ready for operation:-***

The Jowai Municipal Board has acquired a plot of land at Sabah Muswang for the purpose of construction of a scientific landfill site.

3. SHILLONG CANTONMENT BOARD:

(i) ***Setting up of waste processing and disposal facilities:-***

The Shillong Cantonment Board shares the treatment and disposal facilities of the Shillong Municipal Board at Mawiong.

(ii) ***Monitoring the performance of waste processing and disposal facilities:-***

Monitoring of the performance of the waste processing and disposal facility of the Shillong Municipal Board at Mawiong is carried out by the Board.

(iii) ***Improvement of existing landfill sites as per provision of these Rules:-***

There has been no further improvement of the existing waste processing and disposal facility of the Shillong Municipal Board at Mawiong since last reported.

(iv) ***Identification of landfill sites for future use and making the site ready for operation:-***

Presently the Shillong Cantonment Board has no proposal to select a new site for disposal of Municipal Solid Wastes.

4. WILLIAMNAGAR MUNICIPAL BOARD:

(i) ***Setting up of waste processing and disposal facilities:-***

There is no proposal for processing of Municipal Solid Wastes either by composting, vermi-composting or pelletisation by the Williamnagar Municipal Board as the quantity of the waste generation is very less, at an average of 10.7 MT/day.

(ii) ***Monitoring the performance of waste processing and disposal facilities:-***

Monitoring of the performance of the waste processing and disposal facility is not required presently as there is no processing facility.

(iii) ***Improvement of existing landfill sites as per provision of these Rules:-***

There is no proposal for improvement of the existing landfill site by the Williamnagar Municipal Board.

(iv) ***Identification of landfill sites for future use and making the site ready for operation:-***

The Williamnagar Municipal Board has no proposal for selection of a new site for future use as the average daily quantity of waste generated is only about 10.7 MT and the existing site has sufficient area for its disposal.

5. SHILLONG MUNICIPAL BOARD:

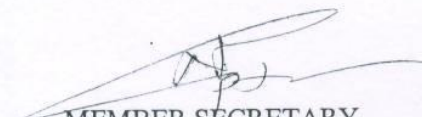
Annual Report not submitted.

6. BAGHMARA MUNICIPAL BOARD:

Annual Report not submitted.

7. RESUBELPARA MUNICIPAL BOARD:

Annual Report not submitted.



MEMBER SECRETARY

Meghalaya State Pollution Control Board
Shillong

ANNEXURE – II

A Summary Statement on progress made by the Municipal Authorities in respect of implementation of Schedule II [Rule 6(1) & (3), 7(1)]

1. TURA MUNICIPAL BOARD:

(i) Collection of Municipal Solid Wastes:-

- Municipal Solid Wastes at an average daily quantity of 45 MT are collected from the storage bins located in different localities/wards on daily basis.
- House to house collection of garbage is not done due to shortage of vehicle and staff.

(ii) Segregation of Municipal Wastes:-

- Segregation of Municipal Solid Waste is being introduced for the purpose of vermi culture processing of bio-degradable waste at the facility being installed at the existing disposal site.

(iii) Storage of Municipal Wastes:-

- 25 (Twenty-Five) R.C.C open storage bins, 50(Fifty) Trolleys, 16(sixteen) Containers, 2(Two) dumper placer, 50(Fifty) Steel movable circular bins and 16 (Sixteen) MS Bins are provided in all the wards.
- The wastes from storage bins are cleared manually and one JCB Robot is used to load garbage on exceptionally high garbage accumulation days.

(iv) Transportation of Municipal Wastes:-

- 4 (Four) Trucks, 4(Four) Truck-Tipper, 1 (One) Refuse-collector, 2 (Two) Dumper-placers, 2 (Two) Tata Ace Tippers, 1 (One) Cesspool Tanker, 1 (One) JCB (Robot) and 1(One) Tractor-cum-Bulldozer are used for transportation of the collected Municipal Solid Wastes to the disposal site.
- The vehicles used for transportation of wastes are not covered.
- Manual handling of wastes is adopted for loading and unloading and one JCB Robot is used to load garbage on exceptionally high garbage accumulation days.

(v) Processing of Municipal Wastes:-

- Vermi composting facility is adopted for processing of bio-degradable Municipal Solid Wastes.

(vi) Disposal of Municipal Wastes:-

- Non-bio-degradable waste collected is dumped in the existing dumping yard of Tura Municipal Board.

2. JOWAI MUNICIPAL BOARD:

(i) Collection of Municipal Solid Wastes:-

- Municipal Solid Wastes at an average daily quantity of 30 MT are collected from different localities/wards on daily basis.
- House to house collection is being practiced.

(ii) *Segregation of Municipal Wastes:-*

- No segregation of Municipal Solid Waste is adopted.

(iii) *Storage of Municipal Wastes:-*

- Uses of Public Dustbins are discouraged by Local Durbar of different Localities in the Town.

(iv) *Transportation of Municipal Wastes:-*

- 3(Three) Trucks, 3(Three) Truck-Tipper and 2 (Two) Tata Ace are used for transportation of the collected Municipal Solid Wastes to the disposal site.
- The vehicles used for transportation of wastes are covered.
- Manual handling of wastes is adopted for loading and unloading.

(v) *Processing of Municipal Wastes:-*

- No processing of Municipal Solid Wastes has been adopted so far.

(vi) *Disposal of Municipal Wastes:-*

- At present the solid waste collected is dumped in the existing dumping yard at Myngkjai of Jaintia Hills Autonomous District Council.

3. SHILLONG CANTONMENT BOARD:

(i) *Collection of Municipal Solid Wastes:-*

- Municipal Solid Wastes at an average daily quantity of 17 MT are collected from the storage bins located in different localities/wards on daily basis.

(ii) *Segregation of Municipal Wastes:-*

- No segregation of Municipal Solid Waste is adopted since the composting process adopted is applicable for unsegregated waste.

(iii) *Storage of Municipal Wastes:-*

- 63 (sixtythree) R.C.C open storage bins are provided in all the wards.
- The waste from storage bins are cleared manually.

(iv) *Transportation of Municipal Wastes:-*

- 2 (Two) Trucks, 2 (Two) Dumper-placers, and 1 (One) Auto are used for transportation of the collected Municipal Solid Wastes to the disposal site.
- Manual handling of wastes is adopted for loading and unloading.

(v) ***Processing of Municipal Wastes:-***

- The Shillong Cantonment Board is sharing the aerobic composting plant of Shillong Municipal Board adopted for processing of bio-degradable Municipal Solid Wastes.

(vi) ***Disposal of Municipal Wastes:-***

- Non-bio-degradable waste, compost plant rejects, malba (construction debris) are presently dumped at the trenching ground adjacent to the compost plant.

4. WILLIAMNAGAR MUNICIPAL BOARD:

(i) ***Collection of Municipal Solid Wastes:-***

- Municipal Solid Wastes at an average daily quantity of 10.7 MT are collected from the storage bins located in different localities/wards on daily basis.

(ii) ***Segregation of Municipal Wastes:-***

- No segregation of Municipal Solid Waste is adopted.

(iii) ***Storage of Municipal Wastes:-***

- 19(nineteen) R.C.C open storage bins are provided in all the wards.
- The waste from storage bins are cleared manually.

(iv) ***Transportation of Municipal Wastes:-***

- 2(two) Trucks and 3 (three) Truck-Tipper are used for transportation of the collected Municipal Solid Wastes to the disposal site.
- The vehicles used for transportation of wastes are covered.
- Manual handling of wastes is adopted for loading and unloading.

(v) ***Processing of Municipal Wastes:-***

- No processing of Municipal Solid Wastes has been adopted so far.

(vi) ***Disposal of Municipal Wastes:-***

- At present the solid waste collected is dumped in the landfill site.

5. SHILLONG MUNICIPAL BOARD:

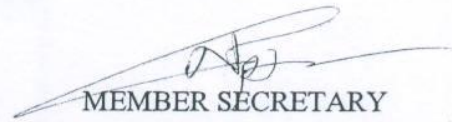
Annual Report not submitted.

6. BAGHMARA MUNICIPAL BOARD:

Annual Report not submitted.

7. RESUBELPARA MUNICIPAL BOARD:

Annual Report not submitted.



MEMBER SECRETARY

Meghalaya State Pollution Control Board
Shillong

ANNEXURE - III

A Summary Statement on progress made by the Municipal Authorities in respect of implementation of Schedule III [Rules 6(1) and (3), 7(2)].

1. TURA MUNICIPAL BOARD

(i) *Site Selection:*

The Tura Municipal Board has no proposal for selection of a new site for future use.

(ii) *Facilities at the Site:*

The existing landfill-cum-processing site at Tura includes provision of fencing, lighting facility.

(iii) *Specification for Land filling:*

The specifications for land filling of Municipal Solid Wastes at the existing landfill site are not followed.

(iv) *Pollution Prevention:*

No provisions have been made for prevention of either water or air pollution from the existing landfill sites.

(v) *Water Quality Monitoring:*

Monitoring of the water quality at the existing landfill site of Tura Municipal Board has not been carried out by the Board due to acute shortage of Scientific and Technical manpower.

(vi) *Ambient Air Quality Monitoring*

Ambient Air Quality at the existing landfill site of Tura Municipal Board has not been carried out by the Board due to acute shortage of Scientific and Technical manpower.

(vii) *Plantation at Landfill site*

The existing landfill site of Tura Municipal Board is surrounded by natural vegetation and forest cover.

(viii) *Closure of landfill Site & Post-care*

The existing landfill site is still operational.

2. JOWAI MUNICIPAL BOARD

(i) *Site Selection:*

The Jowai Municipal Board has acquired a plot of land at Sabah Muswang for the purpose of construction of a scientific landfill site.

(ii) *Facilities at the Site:*

The existing dumping site used for disposal of Municipal Solid Wastes by Jowai Municipal Board belongs to Jaiñtia Hills Autonomous District Council. As such there is no proposal by the Jowai Municipal Board for provision of facilities at this present site.

(iii) *Specification for Land filling:*

The specifications for land filling of Municipal Solid Wastes at the existing landfill site are not followed.

(iv) *Pollution Prevention:*

No provisions have been made for prevention of either water or air pollution from the existing landfill sites.

(v) *Water Quality Monitoring:*

Monitoring of the water quality of a river passing near the existing dumping site of the Jaiñtia Hills Autonomous District Council at Myngkjai used for disposal of Municipal Solid Wastes by Jowai Municipal Board was carried out and the parameters tested were found to be within permissible limits.

(vi) *Ambient Air Quality Monitoring*

Ambient Air Quality at the existing landfill site used by Jowai Municipal Board has not been carried out by the Board due to acute shortage of Scientific and Technical manpower.

(vii) *Plantation at Landfill site*

The existing landfill site used by Jowai Municipal Board is still operational, as such providing of plantation is not required presently.

(viii) *Closure of landfill Site & Post-care*

The existing landfill site is still operational.

3. SHILLONG CANTONMENT BOARD

(i) *Site Selection:*

The Shillong Cantonment Board has not made any proposal to select a separate site for disposal of Municipal Solid Wastes generated in their area of jurisdiction. Presently they are sharing the existing landfill site-cum-compost plant of Shillong Municipal Board.

(ii) *Facilities at the Site:*

The existing landfill site-cum-compost plant of Shillong Municipal Board at Mawiong is provided with the facilities like approach road, Record Office and fencing around the site.

(iii) *Specification for Land filling:*

The specifications for land filling of compost plant rejects and non bio-degradable wastes are not followed properly.

(iv) *Pollution Prevention:*

- Storm water drains are provided around the compost plant.
- The trommel shed of the compost plant is provided with non-permeable flooring.
- Provisions for leachate collection provided in the compost plant.
- No provision made for prevention of run-off from the landfill area.

(v) *Water Quality Monitoring:*

Monitoring of the water quality at the present dumping ground at Mawiong is being carried out by the Board.

(vi) *Ambient Air Quality Monitoring*

Ambient Air Quality at the existing landfill site cum compost plant of Shillong Municipal Board located at Mawiong has been carried out and found to be within the prescribed standards.

(vii) *Plantation at Landfill site*

The existing landfill site-cum-compost plant of the Shillong Municipal Board is surrounded by natural vegetation and forest cover.

(viii) *Closure of landfill Site & Post-care*

The existing landfill site is still operational.

4. WILLIAMNAGAR MUNICIPAL BOARD

(i) *Site Selection:*

The Williamnagar Municipal Board has no proposal for selection of a new site for future use.

(ii) *Facilities at the Site:*

Facilities like weight-bridge, lighting, waste compactor, etc. are not available at the existing landfill site of Williamnagar Municipal Board.

(iii) *Specification for Land filling:*

The specifications for land filling of Municipal Solid Wastes at the existing landfill site are not followed.

(iv) Pollution Prevention:

No provisions have been made for prevention of either water or air pollution from the existing landfill sites.

(v) Water Quality Monitoring:

Monitoring of the water quality at the existing landfill site of Williamnagar Municipal Board has not been carried out by the Board due to acute shortage of Scientific and Technical manpower.

(vi) Ambient Air Quality Monitoring

Ambient Air Quality at the existing landfill site of Williamnagar Municipal Board has not been carried out by the Board due to acute shortage of Scientific and Technical manpower.

(vii) Plantation at Landfill site

The existing landfill site used by Williamnagar Municipal Board is still operational, as such providing of plantation is not required presently.

(viii) Closure of landfill Site & Post-care

The existing landfill site is still operational.

5. SHILLONG MUNICIPAL BOARD:

Annual Report not submitted.

6. BAGHMARA MUNICIPAL BOARD:

Annual Report not submitted.

7. RESUBELPARA MUNICIPAL BOARD:

Annual Report not submitted.



MEMBER SECRETARY


Meghalaya State Pollution Control Board
Shillong

ANNEXURE – IV

A Summary Statement on progress made by the Municipal Authorities in respect of implementation of Schedule IV [Rules 6(1), 2(3), 7(2)].

Standards for Composting, Treated Leachate and incineration

1. In Meghalaya, the Shillong Municipal Board has set up a Waste Processing facility by adopting aerobic composting process of bio-degradable wastes. This facility is also shared by the Shillong Cantonment Board. The Compost Plant is established in collaboration with a private Agency M/s.Anderson Biotech Pvt. Ltd. and is in operation. The Tura Municipal Board has also set up a Waste Processing facility by adopting Vermi-composting for processing of bio-degradable wastes.
2. There is no incineration plant for Municipal Solid Waste in the State.


MEMBER SECRETARY
Meghalaya State Pollution Control Board,
Shillong.