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BEFORE THE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH NEW DELHI

O.A. NO. 199 OF 2014

In the matter of:
Almitra H. Patel & Anr. ...Petitioner
Versus
Union of India & Ors. ...Respondents

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Filed on:
New Delhi.

Filed by:

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21 APR 2015



BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Original Application No. 199 of 2014

IN THE MATTER OF :

ALMITRA H. PATEL & ANR. PETITIONER
Vs	
UNION OF INDIA & ORS. RESPONDENTS

AFFIDAVIT FILED ON BEHALF OF THE STATE OF MANIPUR

I, Shri K. Radhakumar Singh, Secretary (Revenue/Art & Culture/CAF & PD as Link Secretary, MAHUD), Government of Manipur, presently at Imphal do hereby solemnly affirm and sincerely state as follows:

1. That I am presently serving in the aforesaid capacity and I am authorised to swear this affidavit on behalf of the State of Manipur.
2. That it is humbly and respectfully submitted that the rapid growth in production of MSW has not been matched by development of the organisational capabilities of the ULBs leading to severe strain on them and deficiencies in the execution of this vital function. The State of Manipur had therefore adopted an integrated approach involving all the stakeholders (government agencies, private parties, non-formal sector, waste producers, public, households, corporate and institutions etc.) to tackle this huge piles of Municipal Solid Waste.
3. That the deponent further submit that magnitude of the MSW problem is brought out by the following facts: As per Census 2011, the total population of Manipur is 25,70,390. Of this, the rural population is 17,36,236 and the urban population is 8,34,154.
4. That as a result of the rapid growth of the urban population coupled with the changing lifestyles of the people, the Municipal Solid Waste generated daily has increased. If this Solid Waste issue is ignored for long, it will have serious ramifications on the health and hygiene of the public along with associated environmental risk. Therefore, there is an urgent requirement to have a systematic and scientific plan to tackle this issue.
5. That there are 28 Urban Local Bodies (ULBs) in Manipur. Of these ULBs, Imphal Municipal Corporation with an urban population of 2.68 lakh (2011 census) is the largest

21/04/2015
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Oath Commissioner (Judicial)
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ULB covering almost one third of the total urban population (6.3 lakh) of Manipur. Thirteen ULBs have population ranging from 10,000 to 50,000. The remaining 14 ULBs have population ranging from 2900 to 10,000.

Cluster Approach/MSW Management on Regional basis:

There are severe constraints on the State and the ULBs to create and operate solid waste treatment plants and sanitary landfills for every ULB considering the size of the existing ULBs. Urban land is increasingly scarce and selection of a suitable site free from every encumbrance, without public objection and clear from every angle including environmental and airport authorities is very difficult in Manipur. Further, there are financial constraints to operate solid waste plants in every ULB considering the shortage of man power as well as the amount of solid waste generated is too small to merit establishment of solid waste treatment plant and sanitary landfills for every ULB.

7. In view of the above constraints, the Urban Development Department of Manipur has adopted the Cluster Approach/MSW Management on Regional basis to manage the municipal solid waste. The entire 28 ULBs have been grouped into 4 Clusters and 2 stand-alone ULBs as per their proximity and population as indicated in the Table:

No.	Name of ULBs	No. of Wards	No. of Households	Urban Population (2011 Census)
CLUSTER-A				
	Imphal MC	27	57764	268243
	Sekmai NP	9	1,111	5065
	Lamlai NP	9	924	4601
	Lilong (IW)	9	2,668	12427
	Lilong Thoubal NP	9	4430	24900
	Nambol MC	18	4678	22512
	Wangoi NP	9	1,836	9106
	Samurou NP	12	3,224	16582
	Thongkhong Laxmi NP	11	2,926	14878
	Mayang Imphal MC	13	4,501	24239
	Lamshang NP	9	1,783	8130
Total Population:				
410683				
Stand alone -I	Jiribam MC	10	1,406	7343
Stand alone -	Moreh STC	9	3231	16847

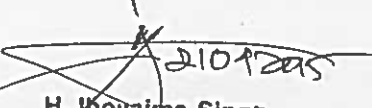
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H. Iboyalma Singh
 Oath Commissioner (Judicial)
 Manipur



No.	Name of ULBs	No. of Wards	No. of Households	Urban Population (2011 Census)
	Thoubal MC	18	9454	45947
	Heirok NP	9	668	2974
	Yairipok NP	9	2027	9569
	Shikhong Sekmai NP	9	1578	7390
	Andro NP	12	1,669	8744
	Wangjing NP	9	1779	8055
Total Population:				82679
CLUSTER-C				
	Kakching MC	12	7144	32138
	Kakching Khunou NP	9	2278	11379
	Sugnu NP	9	1094	5132
Total Population:				48649
CLUSTER-D				
	Bishnupur MC	12	2501	12167
	Ningthoukhong MC	14	2780	13078
	Oinam NP	9	1582	7161
	Moirang MC	12	3723	19893
	Kumbi NP	9	1,859	9546
	Kwakta NP	9	1430	8579
Total Population:				70424

8. Jiribam Municipal Council and Moreh Small Town Committee could not be considered under any Cluster as these two ULBs are located far away from other Urban areas.

9. The State's policy is to set up MSW treatment plants along with sanitary landfills for Clusters having population more than 1 lakh. For other Clusters having population less than 1 lakh, the State has decided to establish engineered landfill sites. At present Cluster – A having a combined population of 4.1 lakh is eligible for setting up of municipal solid waste treatment plant along with sanitary landfills while other Clusters and the two Stand Alone towns are eligible for setting up of engineered landfill sites. It is the objective of the State to ensure time bound implementation of this Cluster Approach by 2015.


 H. Boyama Singh
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Existing Scenario and current efforts:



The State Government had already constructed engineered landfill for MSW at Jiribam, Yakching, Thoubal, Bishnupur and Moreh with funding from the Ministry of Urban Development, Government of India in the year 2002. The construction work commenced in the year 2005 and completed on 2009. These engineered landfill is expected to cater to the needs of the two Stand Alone towns and requirement of the Clusters B, C & D. However, further improvement on the existing status is considered necessary and the State Government is contemplating development under the existing Swachh Bharat Mission.

11. To cater to the need of Cluster A, the State Government constructed a municipal solid waste plant with a capacity for treatment of 100 MT daily with a project cost of ₹ 41.76 crores. The project is funded by the Ministry of Urban Development, Government of India under its flagship programme, JnNURM. The Plant has been constructed and trial run of the Plant have commenced from November, 2014. The project comprises of a composting plant with facility for processing, scientific sanitary landfill, leachate pond, evaporation tank etc. The Manipur Pollution Control Board after examining the proposal submitted by the Municipal Administration Department has issued authorisation for the newly established solid waste management plant at Lamdeng.

12. The Imphal Municipal Corporation had outsourced door to door collection and transportation of MSW from source to the processing plant from its 27 wards to private parties (NGOs) by following the principle of "polluters pay" and the NGOs are operating effectively since then. Further, the Imphal Municipal Corporation has also introduced Cleanliness and Sanitation Bye Law, 2011 whereby individuals caught littering are levied fines. These steps has improved the cleanliness of the whole city.

13. Since the implementation of the Solid Waste Management Plant for Manipur is in a very nascent stage, full compliance to the MSW Rules, 2000 has not yet been achieved by any of the Districts /ULBS.

Future Plan of Action:

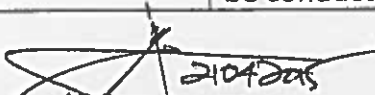
14. The ultimate aim of the State machinery is to ensure 100% compliance of MSW Rules in dealing with MSW at each District and ULB. The State has adopted a time bound integrated model action plan for the purpose of implementing the Municipal Solid Waste Management and Handling Rules, 2000.


H. Iboyaima Singh
 21/07/2015
 H. Iboyaima Singh
 Oath Commissioner (Judicial)
 Manipur



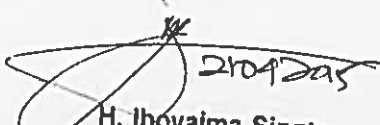
ACTION PLAN – MANIPUR STATE

Activities	Action points	Department/Procedures/ Requirements	Time-frame
DPR	A detailed Project Report for Management of Municipal Solid Waste in accordance with MSW Rules covering waste generation, collection, transportation, processing & disposal will be prepared as per the indicative Guidelines prepared by CPCB will be prepared.	Municipal Administration, Housing & Urban Development (MAHUD), Government of Manipur.	6 (six) months
Survey/ Assessment	All the urban local bodies will undertake assessment of quantity of MSW generation and its composition before identification of processing technology for MSW Management.	All the Urban Local Bodies.	8 (eight) months in respect of Imphal Municipal Corporation. 12 (twelve) months in respect of the remaining 27 ULBs.
Collection of Waste	Making arrangement for 100% collection of waste to cover house to house collection, commercial areas, horticultural waste from parks, construction and demolition waste, office complexes, slaughterhouses and vegetable markets by the NGOs.	By engaging NGOs.	Work already commenced in respect of Imphal Municipal Corporation. Plan for 100% collection will be completed within 9 (nine) months.
Segregation of Waste	Mass awareness programme for segregation of waste will be conducted at school,	Through institutions, Government departments and NGOs	An action plant will be completed within 6 (six)


H. Boyalma Singh
 Oath Commissioner (Judicial)
 Manipur



	Action points	Department/Procedures/ Requirements	Time-frame
	residential and commercial areas through pamphlets, interaction, hoarding/newspaper and local cable network for recycling and adopting environment friendly methods.		months.
Intra-City activities	An action plan for regulation of stray cattle, prohibiting burning of garbage, street sweeping by mechanical means, setting up of public grievance cell, attend to public complaints and constitution of vigilance squads will be prepared.	By the Urban Local Bodies	6 (six) months.
Storage of Waste	An action plan for setting up of bins at appropriate locations will be prepared.	By the Urban Local Bodies	9 (nine) months.
Transportation of Waste	An action plan for transportation of Municipal Solid Waste will be worked out for procurement and implementation.	By the Urban Local Bodies	18 (eighteen) months.
Processing of Waste	State level action plan for setting up of processing facilities will be prepared. A composting plant already set up in respect of only Class -I city in the State.	Municipal Administration, Housing & Urban Development (MAHUD), Government of Manipur.	18 (eighteen) months.
Disposal of Waste	Sites for disposal of waste already identified for all the clusters.	ULBs	12 (twelve) months.
Old dumpsite	An action plan will be prepared for capping and plantation of the old dumpsite.	ULBs	12 (twelve) months.


 H. Iboyalma Singh
 Deputy Commissioner (Judicial)
 Manipur

15. That the State Government has decided to upgrade the newly constructed composting plant of cluster A to enable conversion of non-compostable MSW to energy on PFD model. The process may be completed within 15 – 18 months. The treatment plant has provision of developing a green belt surrounding the plant.

16. That the question for involving of rag pickers, whether organized or not, while framing a policy on Solid Waste Management does not arise as there are no rag pickers in the State.

17. That the State Government will prepare State Level Sanitation Plan covering all the 28 ULBs and City Level Sanitation Plan within 12 months.

18. That the State Government is also examining the feasibility of converting the existing engineering landfill sites of cluster B, C & D as transfer stations for transportation of MSW to the treatment plant at cluster A as they are located within a radius of 60 Kms.

19. That the deponent further begs to submit additional statement or documents if the need for the ends of justice and equity.

DEPONENT

K. Radhakumar Singh

(K. Radhakumar Singh)

Secretary (Revenue/Art & Culture/CAF&PD)

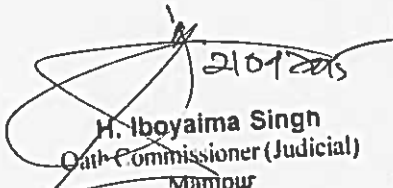
as

Link Secretary (MAHUD)

Government of Manipur.

Secretary (MAHUD)

Government of Manipur

21/01/2015

 H. Iboyaima Singh
 Oath Commissioner (Judicial)
 Imampur



VERIFICATION:

I, the above deponent do hereby verify that the contents of para 1 to 14 of the above affidavit are true and correct to the best of my knowledge and belief, as the same are based on the records maintained by the Government of Manipur. Para 19 is my humble submission and nothing material has been concealed there from.

Solemnly affirmed on this 21st day of April, 2015 at Imphal.

Solemnly affirmed before me on 21.04.2015
TUESDAY.....at 2:20 PM
 in the court premises by the declarant who is
 identified by Ninajan Samsam, Advocate
 The declarant seems to understand the
 contents fully well on their being read over
 and explained to him.

DEPONENT

(K. Radhakumar Singh)

Secretary (Revenue/Art & Culture/CAF&PD)

as

Link Secretary (MAHUD)

Government of Manipur.

Secretary (MAHUD)

Government of Manipur

21/04/2015
 H. Iboyalma Singh
 Oath Commissioner (Judicial)
 Manipur