

Punjab PCB 18.4.15

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Original Application no. 199 of 2014

Almitra H. Patel & ORS.

.....PETITIONER

Versus

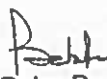
The Union of India and ORS.

.....RESPONDENTS

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Date: 10/04/2015
Place: SAS Nagar


(Dr. Babu Ram)
Member Secretary
Punjab Pollution Control Board

Through Ms. Richa Kapoor, Advocate
Chamber No. 407, Lawyer's Chamber,
Delhi High Court

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Affidavit of Dr. Babu Ram, Member Secretary, Punjab Pollution Control Board, Patiala on behalf of respondent Punjab Pollution Control Board and Secretary, Department of Science, Technology and Environment, Punjab, in compliance of orders dated 20.03.2015 of the Hon'ble Tribunal.

Patel

I, the above named deponent do hereby solemnly affirm and state as under:



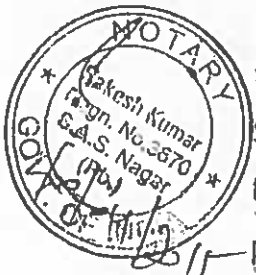
1. That the deponent is fully conversant with the facts of the present case and is competent to file and sworn the present Affidavit.

2. That the Hon'ble National Green Tribunal was pleased to pass an interim order dated 20.03.2015 in the above

mentioned case, the relevant extract of which is reproduced below for kind perusal & reference.

"We further direct all the concerned States to file comprehensive affidavit within four weeks in light of the judgement of the Tribunal in Original Application No. 40 (THC) of 2013 in the matter of People for Transparency Through Kamal Anand v. State of Punjab, decided on 25th November, 2014, and today's judgement with regard to the State of Haryana in the matter of Almitra H. Patel Vs. Union of India, Original Application No. 199 of 2014".

3. That in compliance of orders dated 20.03.2015 of this Hon'ble Tribunal, it is submitted that- there are 163 numbers of Urban Local Bodies in the State of Punjab which are generating Municipal Solid Waste to the tune of about 3900 Ton per day. At present, there are only two Garbage Treatment Plants functioning in the State of Punjab i.e. one Municipal Solid Waste treatment plant at Village Waryana, Kapurthala Road, Jalandhar (Caters to the treatment of Garbage generated from the city of Jalandhar) and other at village Pandori Mehtama, Sham Churrasi, Distt. Hoshiarpur (Caters to the treatment of Garbage generated from the towns of Sham Churassi, Alawalpur, Adampur & Air Force Station, Adampur). The Government of Punjab has already formulated a State Level Municipal Solid Waste Management program for managing Municipal Solid Waste of all (163 no.) Urban Local Bodies (ULBs) of Punjab (India) on Public Private Partnership (PPP) mode for a concession period of



25 years. Under this State level Municipal Solid Waste management program, a State Level Municipal Solid Waste Model Plan has been prepared and entire State of Punjab has been divided into eight Municipal Solid Waste Clusters viz. i) Jalandhar Cluster, ii) Ludhiana Cluster, iii) Bathinda Cluster, iv) Ferozepur Cluster v) Patiala Cluster, vi) Amritsar Cluster vii) Pathankot Cluster and viii) GMADA Cluster. The Model Plan has been duly approved by the Hon'ble Tribunal in Application no. 70 of 2012 titled as Capt. Mall Singh Vs. PPCB & Ors.

A complete status report on the functioning of Municipal Solid Waste Treatment Plants and status of all the Municipal Solid Waste Clusters in the State of Punjab as on 31.03.2015 is enclosed herewith as **Annexure-I**, for the kind perusal of this Hon'ble Tribunal.

4. That the Punjab Pollution Control Board is regularly submitting the Annual Reports to Central Pollution Control Board in compliance of Rule 8(1) of the Municipal Solid Wastes (Management & Handling) Rules, 2000 well before timeline i.e. 15th September every year.
5. That the Punjab Pollution Control Board regularly uploads the annual reports on the official website of the Board. The Status report with regard to collection and disposal of municipal solid waste in the State of Punjab was also uploaded on the official website of the Punjab Pollution Control Board under the link "The compliance report of the orders of Hon'ble National Green Tribunal, passed on 02.12.2014 in OA 199 of 2014".
6. That it is further submitted that the Punjab Pollution Control Board had received directions under section 18(1)(b) of the



Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from the Central Pollution Control Board vide letter dated 10th November, 2014 as under:

- i. The SPCB/PCC shall issue Directions to the all municipal authorities for implementation of the Municipal Solid Waste (Management & Handling) Rules, 2000 in the state.
- ii. The SPCB/Committee shall monitor compliance of the standards regarding groundwater, ambient air, leachate quality and the compost quality including compliance to the incineration standards as specified under schedule II, III and IV of the said rules.
- iii. The SPCB/Committee shall issue directions to all municipal authorities for furnishing Annual report in Form-II on or before 30th June every year.
- iv. The SPCB/Committee shall ensure submission of the Annual Report with regard to implementation of the Municipal Solid Waste (Management & Handling) Rules, 2000 in the State/UT as per the Rule 8(1) specified in the Rules to Central Pollution Control Board by 15th of September every year in Form-IV. The annual report shall also reflect vital information on (i) the quantity of MSW generation, collection, treatment and disposal, (ii) the number of treatment and disposal facilities, (iii) the details of treatment and disposal facilities established, operational, under planned, etc.

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That in compliance of the above directions of the Central Pollution Control Board, Punjab Pollution Control Board had issued directions to all the Municipal Authorities in the State of Punjab and all the Regional Offices of the Board.

7. That further, it is submitted that in compliance to the Judgement dated 25.11.2014 passed by the Hon'ble National Green Tribunal in the matter of Appeal No. 70 of 2012 titled as Capt. Mall Singh & Ors. Vs. Punjab Pollution Control Board & Ors. and Original Application no. 40(THC) of 2013 titled as People for Transparency Through Kamal Anand Vs. State of Punjab & Ors., the Punjab Pollution Control Board vide office order no. 4635 dated 31.01.2015 has constituted various committees of the Officers of the Board to regularly monitor the management of Municipal Solid Waste Management System for all the clusters and to submit the reports to the Supervisory Committee, constituted by the Hon'ble National Green Tribunal vide the aforesaid orders.

8. That the above mentioned committee had visited all the 8 Integrated Municipal Solid Waste Processing Plant & Sanitary Landfill Sites in the State of Punjab, and Municipal Solid Waste Treatment Plants at Jalandhar and Shamchaurassi in the month of February, 2015 and the detailed report was submitted by the Punjab Pollution Control Board before the Hon'ble Tribunal by way of Affidavit on 26.02.2015.

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9. That- the above-said Clusters and Treatment Plant Sites were again visited in the month of March, 2015 by the Officers of the Board and the latest report has been enclosed as **Annexure-I** for the kind perusal of this Hon'ble Tribunal. The development work has yet not started at Mohali, Patiala, Ferozepur, and Jalandhar Clusters sites. For

Pathankot Cluster, the land is yet to be finalized. For Ludhiana Cluster, some part of plant and machinery has been installed for segregation of the collected waste. The construction work for Bathinda Cluster is under progress.

10. That- the Status with regard to the implementation of Municipal Solid Waste (Management & Handling) Rules, 2000, by 163 ULBs in the State of Punjab is as given below for kind perusal:

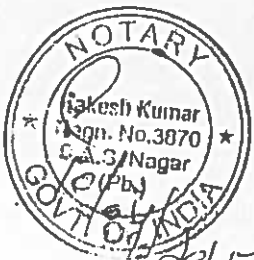
- a. 19 no. of ULBs have got their dumping sites approved from District Level Committee.
- b. 82 no. of ULBs have provided boundary wall/fencing around the dumping site.
- c. 75 no. of ULBs have started door to door collection of waste.
- d. 35 ULBs are segregating the MSW partially.
- e. 07 no. of ULBs are having valid authorization under Municipal Solid Waste (Management & Handling) Rules, 2000. Authorizations were also obtained by 23 more ULBs, however, 20 ULBs are required to get the authorization renewed from the Board.
- f. Till setting up of the Integrated Municipal Solid Waste at eight Cluster Sites, the ten points of common action plan prepared as per MSW Rules, 2000 & agreed by the Deptt. of Local Govt. for implementation in each ULB are to be complied with. However, only 10 no. of ULBs are fully complying with ten points of Common Action Plan, 55 are partially complying with the aforesaid Plan and remaining 98 ULBs are still



not complying with the 10 points of the Common Action Plan.

g. The Deptt. of Local Govt. vide Office Order dated 22.08.2013 (enclosed as **Annexure-II**) has constituted committees under the chairmanship of Commissioners and Sub-Divisional Magistrates for effective implementation and monitoring of the short term measures and Common Action Plan of Municipal Corporations and Sub-divisions level respectively. As per the aforesaid order these Committees have to conduct joint site inspection at least once a month and ensure that the 10 points of Common Action Plan are implemented. Also the Chairman of the Committee has to ensure to send the regular status report to the Department of Local Governmnet. But the inspections by the said Committees are not conducted on regular basis.

11. That the Punjab Pollution Control Board, during the last one year, on the basis of reports received from the Regional Offices has issued 77 show-cause notices for violation of the provisions of the Municipal Solid Waste (Management & Handling) Rules, 2000 alongwith an opportunity of personal hearing to ULBs and the Board has also initiated legal action against the responsible Officers of 12 number ULBs under the provisions of E(P) Act, 1986 for non-compliance and violation of the provisions of Municipal Solid Waste (Management & Handling) Rules, 2000, till now.



12. That the respondent Punjab Pollution Control Board and the Secretary to Government of Punjab, Department of Science, Technology and Environment are sincerely making all out efforts for the effective implementation of the provisions of Municipal Solid Wastes (Management & Handling) Rules, 2000 in the State of Punjab and is endeavouring to eradicate pollution arising from the disposal of Municipal Solid Waste by preventing and controlling the same.
13. That the status report in compliance of order dated 20.03.2015 of the Hon'ble National Green Tribunal is hereby submitted for the kind perusal, consideration & appropriate orders of this Hon'ble Tribunal.

Dated: 10/4/2015

Place: SAS Nagar

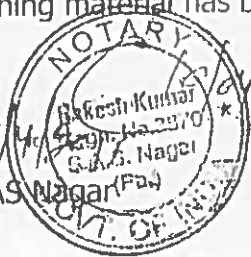

Deponent

Verification:

Verified that the contents of the above affidavit mentioned in paras no. 1 to 12 are true and correct to my knowledge as derived from the official record. The contents of para no. 13 are a Prayer. No part of the above affidavit is false and nothing material has been kept concealed therein.


Dated: 10/4/2015

Place: SAS Nagar (Pb)



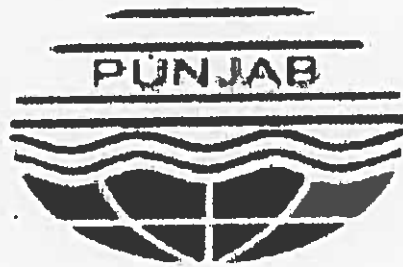
Attested & Identified


Deponent


Rakesh Kumar
Notary, S.A.S. Nagar (Pb)

10/04/2015

Status Report
on
Functioning of MSW Treatment
Plants and Status of all the MSW
Clusters
in
State of Punjab
As on 31.03.2015



Red

Punjab Pollution Control Board,
Vatavaran Bhawan,
Nabha Road, Patiala

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BRIEF INTRODUCTION

There are 163 numbers of Urban Local Bodies in the State of Punjab. As per estimates, these 163 Urban Local Bodies in the State of Punjab generates Municipal Solid Waste to the tune of 3900 Ton per day. At present, there are only two Garbage Treatment Plants functioning in the State of Punjab i.e. one Municipal Solid Waste treatment plant at Village Waryana, Kapurthala Road, Jalandhar (Caters to the treatment of Garbage generated from the city of Jalandhar) and other at village Pandori Mehtama, Sham Churrasi, Distt. Hoshiarpur (Caters to the treatment of Garbage generated from the towns of Sham Churassi, Alawalpur, Adampur & Air Force Station, Adampur). The Government of Punjab has formulated a State Level Municipal Solid Waste Management program for managing Municipal Solid Waste of all (163 no.) Urban Local Bodies (ULBs) of Punjab (India) on Public Private Partnership (PPP) mode for a concession period of 25 years. Under this State level Municipal Solid Waste management program, a State Level Municipal Solid Waste Master Plan has been prepared and entire State of Punjab has been divided into eight Municipal Solid Waste Clusters viz. i) Jalandhar Cluster, ii) Ludhiana Cluster, iii) Bathinda Cluster, iv) Ferozepur Cluster v) Patiala Cluster, vi) Amritsar Cluster vii) Pathankot Cluster and viii) GMADA Cluster.

Existing Municipal Solid Waste Treatment Plants operational in the State-

There are currently two plants operational in the State of Punjab namely:

1. **M/s Punjab Grow More Fertilizers (P) Ltd. at village Waryana, Kapurthala Road, Jalandhar** - The Municipal Corporation Jalandhar has entered in to an agreement with M/s Punjab Grow More Fertilizers (P) Ltd. Jalandhar for processing of municipal solid waste. The Plant is treating approx. 300 TPD of Municipal Solid Waste, collected and transported from Jalandhar city to manufacture Bio-compost. The activity of collection at source, transportation to the processing plant is being done by the Municipal Corporation, Jalandhar. The Municipal Corporation has provided necessary infrastructure for collection of municipal solid waste, such as provisions of bins at various locations and transportation by means of trucks, tippers, tractor trolleys, JCBs, dumper placers, Three-wheelers, Ricksaw-Rehris etc.

Beck

M/s Punjab Grow More Fertilizers (P) Ltd has installed a Municipal Solid Waste processing plant based upon Aerobic Microbial Composting Technology. The waste is

segregated at the plant site through hydraulic screening machines. The main segregation is between bio-degradable and non bio-degradable waste and approximately 140 TPD waste is segregated as bio-degradable which is processed to manufacture compost (Organic Fertilizer). The remaining 210 TPD is classified as non bio-degradable and the same is dumped in dump site near the plant.

Municipal Corporation Jalandhar had been granted authorization by the respondent Punjab Pollution Control Board under the provisions of Municipal Solid Wastes (Management & Handling) Rules, 2000 vide letter No. 33287-89 dated 9-10-2009 for the said plant which was valid up to 8-10-2010 and same was extended vide letter No. 2387-90 dated 18-10-2011 up to 6-10-2012.

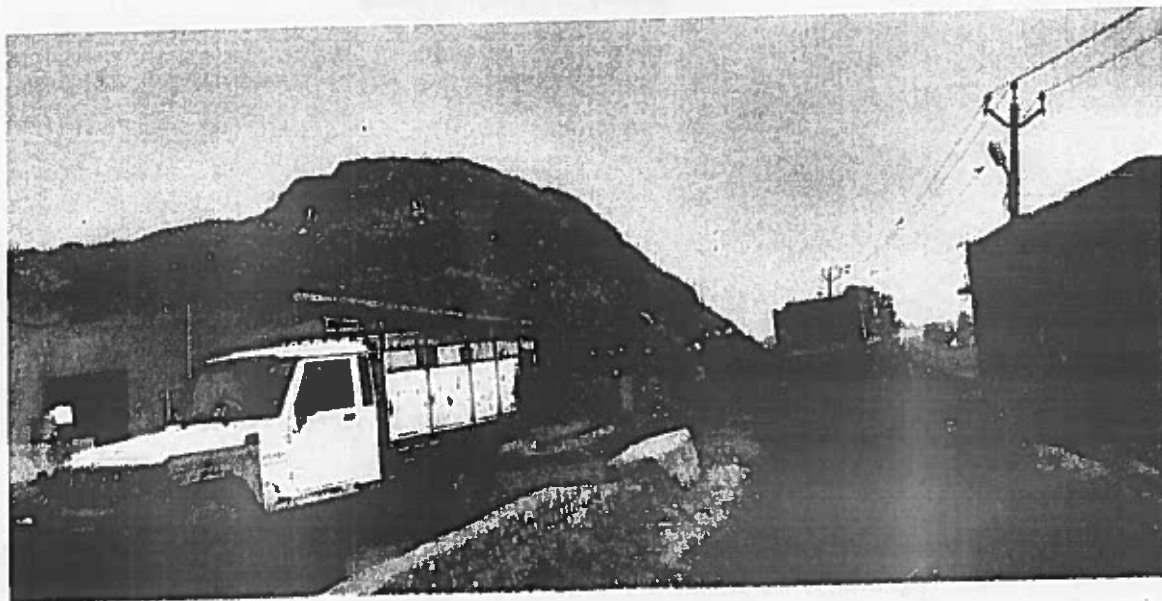
Status of Plant:

Bill
The Plant was visited by the committee on 11.02.2015 and it was observed as under:

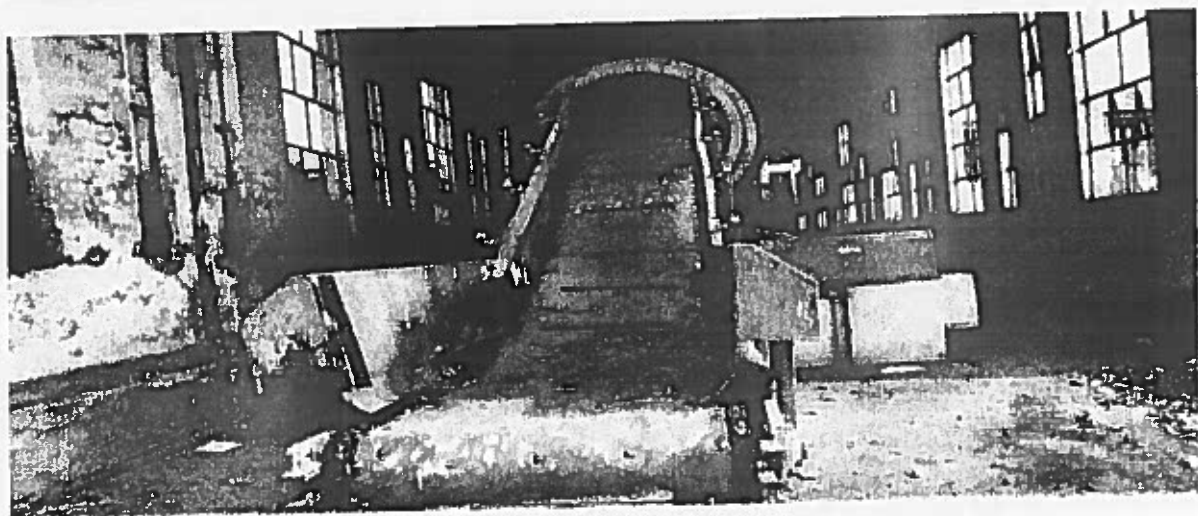
- I. There was no proper approach road to the plant site. The kachha road approaching to the plant was covered by the garbage leachate and no vehicle can move on this path except tipper/garbage trucks.

- II. Huge quantity of Municipal Solid Waste was found dumped in heaps. The Waste was not covered with soil layer and at some places the leakage of methane gas was also observed from the garbage heaps.
- III. The plant was not operational at the time of visit. However, during visit it was observed that concrete platform used for drying the garbage before segregation was covered with garbage heaps. Out of the two parts of the plant machinery housed separately in different sheds, the first part was not operational and from physical condition of the machinery it was observed that same is not being operated since long. The second part which separates the compost from the waste was found operational, however, there was no equipment/machinery available for transferring the waste to this part of the plant. Therefore, it was concluded that whole of the plant is not operated for treatment of the waste.

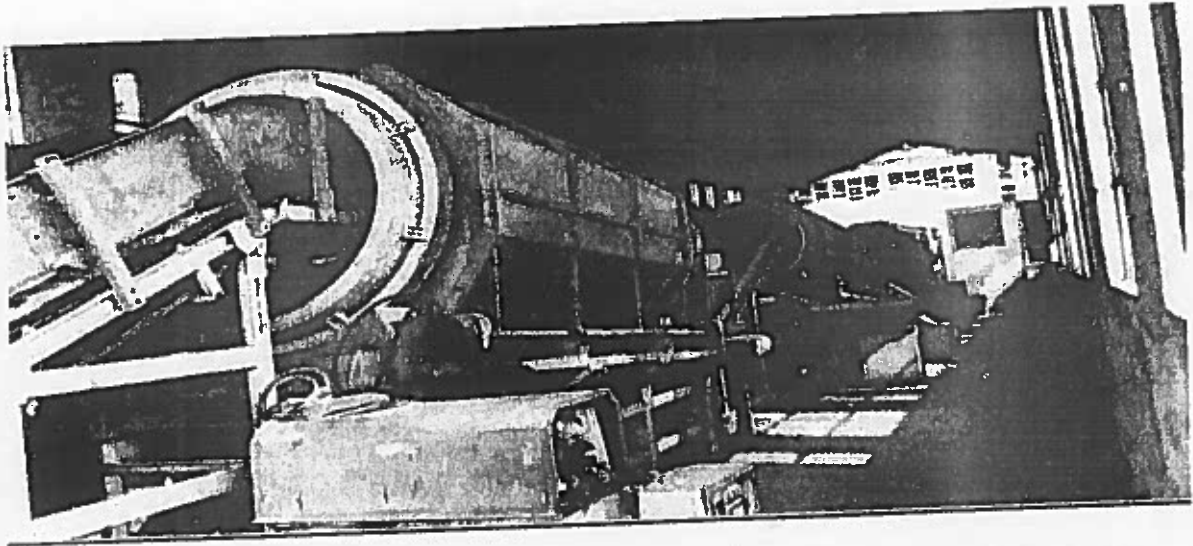
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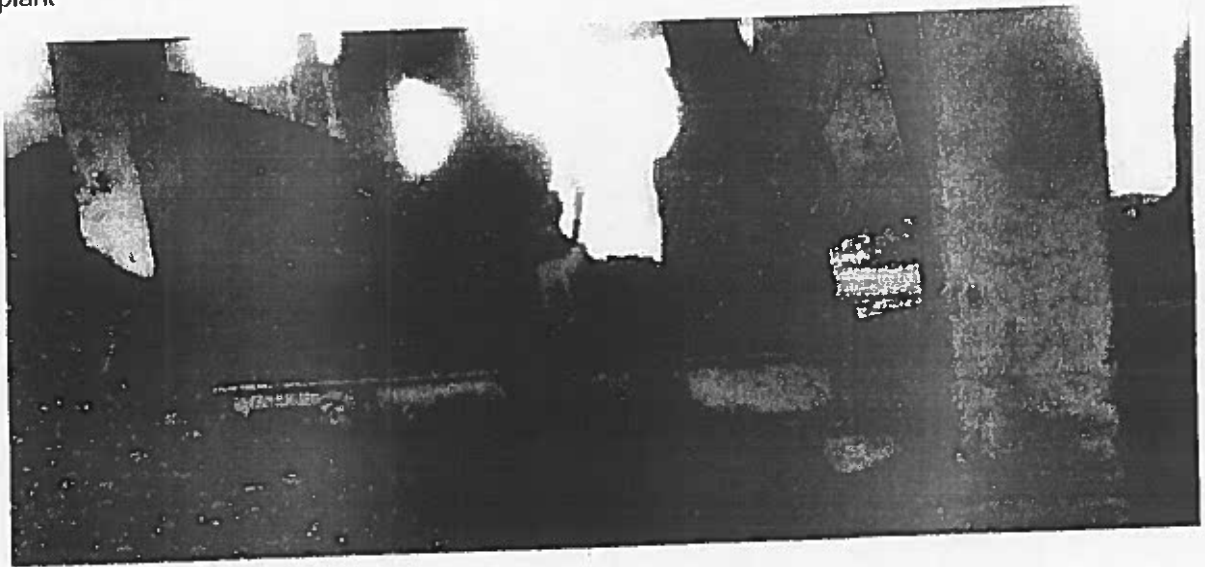
Garbage leachate spread on the approach road to the plant and generation of methane gas from the garbage heaps



Bon



First Part of the machinery-Conveyer belt provided for transferring the waste from platform to the plant



Second part of machinery- Separating compost from the dried garbage

The Plant was again visited on 12.03.2015 and no further progress has been observed.

P. Bell

2. Municipal Solid Waste Treatment Facility at Village Pandori Mehtama, Sham Churassi, District Hoshiarpur-The Solid Waste Treatment Plant falls under the revenue area of Municipal Council, Sham Churassi at

Village Pandori Mehtama District Hoshiarpur on an area measuring 66 Kanals, 13 Marlas. The capacity of this treatment facility to handle the municipal solid waste is 25 TPD. It was approved by Ministry of Environment and Forest, Govt. of India under Centrally Sponsored Scheme for Mitigation of Bird-Hit Menace for Indian Air Force Air Crafts at Adampur (Distt. Jalandhar). The site was commissioned in February 2009. This processing plant is based upon anaerobic Microbial Composting Technology (Vermi-compost). The decomposable organic Municipal Solid Waste is segregated and treated in vermi compost beds to form organic manure and for the non decomposable material, a landfill site exist at the same site. The Common Treatment Facility is handling the Municipal Solid Waste generated from Municipal Council, Adampur, Municipal Council, Alawalpur, Municipal Council, Shamchurassi and Air Force, Station, Adampur. The Municipal Council, Adampur had been granted authorization under Municipal Solid Wastes (Management & Handling) Rules, 2000 vide no. MSW/EPA/2013/F-2 dated 13-09-2013 valid upto 12-09-2014. The Municipal Council Alawalpur has been granted

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authorization under Municipal Solid Wastes (Management & Handling) Rules, 2000 vide no. MSW/EPA/2013/F-3 dated 13-09-2013 valid upto 12-09-2014. The Municipal Council, Sham Churasi was granted authorization under Municipal Solid Waste (Management & Handling) Rules, 2000 vide no. MSW/EPA/2014/F-03 dated 03.07.2014 valid till 02.07.2016.

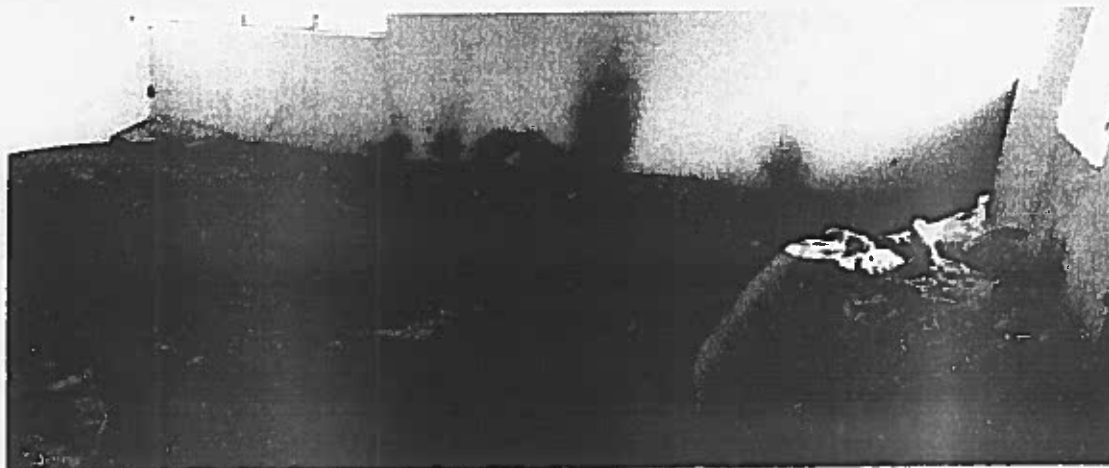
Status of Plant:

The Plant was visited by the officers of the Board on 10.02.2015 and observed as under:

- I. The treatment plant was in operation.
- II. The Municipal Solid Waste was being segregated and the inert material was disposed off as the landfill.
- III. The biodegradable waste is vermin-composted to make manure.

B.M





Both

The Plant was again visited on 13.03.2015 and same status as on 10.02.2015 was observed.

Clusters details and status of Environmental Clearance

The State of Punjab has been divided in to eight clusters for management of Municipal Solid Waste generated in the State namely:

1. Jalandhar Cluster
2. Ludhiana Cluster
3. Bathinda Cluster
4. Ferozepur Cluster
5. Patiala Cluster
6. Amritsar Cluster
7. Pathankot Cluster
8. GMADA Cluster

The sites for 7 Clusters have been finalized and Punjab Pollution Control Board has granted authorization under rule 4(2) of Municipal Solid Wastes (Management & Handling) Rules, 2000 to all the respective ULBs for setting up of Integrated Municipal Solid Waste Management Plant. The site for Pathankot Cluster at village Chakk Akhwara was identified recently and same is yet to be finalized. As per MoEF, Govt. of India Notification dated 14.09.2006; all the 8 ULBs have to obtain Environmental Clearance (EC) from the MoEF for setting up Integrated Municipal Solid Waste Management Plants. The Environmental clearance has been granted to 6 no. cluster sites i.e. at Ferozpur, Mohali, Bathinda, Ludhiana, Jalandhar and Amritsar. The EC in case of Patiala Cluster is under process and in case of Pathankot Cluster, the same is yet to be applied.

Padh



JALANDHAR CLUSTER STATUS

1. Location of the Processing Site of the Cluster- The site is at Village Jamsheer, adjacent to Dairy Colony Complex with an area measuring 25 acres. The land lease agreement of the processing site at Jamsheer has got been executed with M/s. JITF Urban Waste Management (Jalandhar) (Jindal Group). Physical Possession of the said land has yet not been handed over to JITF.
2. Location of the Sanitary Landfill Site of the Cluster- The site is at Village Piplanwala, Jalandhar Road, Hoshiarpur with an area measuring 21 acres.
3. Transfer Stations- The transfer stations of the Cluster will be at Hoshiarpur, Nakodar, Bulath and Sultanpur Lodhi.
4. Authorization Status- Authorization for the Processing Facility of the Cluster at Village Jamsheer, Jalandhar has been granted to respective ULB (MC, Jalandhar in this case) vide no. MSW/JAL/12/F-11 dated 02.04.2012 valid till 01.04.2013 and Authorization for the Sanitary Landfill Site at Village Piplanwala, Hoshiarpur has been granted to respective ULB (MC, Hoshiarpur in this case) has also been granted vide no. MSW/EPA/2014/F-10 dated 04.12.2014 valid till 03.12.2016.
5. Environmental Clearance Status- The site has been granted

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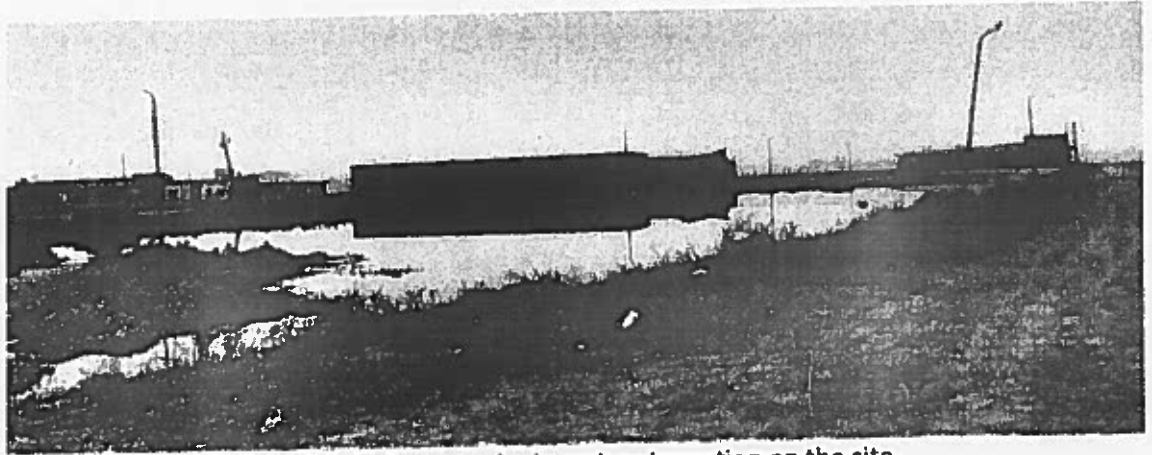
Environmental Clearance under EIA notification dated 14.09.2006 has been granted by SEIAA, Punjab vide letter No. 36378 dated 30.08.2012.

6. **Start of work of door to door collection:** The work of door to door collection of Municipal Solid Waste is presently done by private workers.

7. **Status of Processing Facility Site at Village Jamsheer-** The site of Processing Facility at Village Jamsheer, Distt. Jalandhar was visited on 11.02.2015 by the committees and observed as under:

- The entire site area of 25 acres is vacant except two no. of dairy farms.
- The representative of the Municipal Corporation, Jalandhar intimated that the both of these dairy farms are being shifted from this area and thereafter site will be handed over to M/S JITF.
- No development activity was found at the site. However, rain water stagnation was found in some part of the site.

Both



Two No. of dairy farms and rain water stagnation on the site



Vacant part of the land

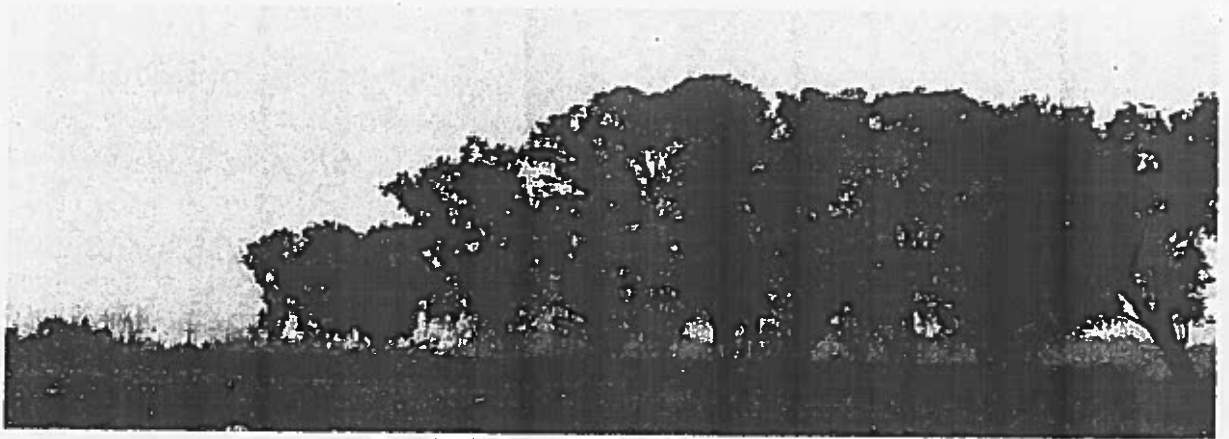
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The Plant was again visited on 12.03.2015 and observed as under:

- The entire site area of 25 acres is vacant except two no. of dairy farms.
- Both of the dairy farms are yet not been shifted from this area so far.
- No development activity was found at the site.

8. Latest Status of Sanitary Landfill Site at Village Piplanwala-

The sanitary Landfill site of the Jalandhar Cluster is located at Village Piplanwala, Hoshiarpur and same was visited by the committee on 18.02.2015. This site is presently used by the Municipal Corporation, Hoshiarpur for disposing off its un-segregated Municipal Solid Waste. During the visit it was observed that Municipal Corporation is partially covering the waste with layer of soil. Also during visit it was observed that work for construction of boundary wall was under progress.



Landfill site at Village Piplanwala



Landfill site at Village Piplanwala

B1



Construction progress of boundary wall at Landfill Site

The site was again visited on 13.03.2015 and no further progress was observed, however, the construction work of the boundary wall has been completed upto 5%.

LUDHIANA CLUSTER STATUS

1. **Location of the Cluster Site-** The site is located at Tajpur Road, Jamalpur, Ludhiana (approx. 49.5 acres land) for setting up of Municipal Solid Waste Processing facility and sanitary Landfill facility.
2. **Transfer Stations-** The transfer stations of the Cluster will be at Khanna and Jagraon.
3. **Authorization Status-** Authorization for the Cluster Site at Jamalpur, Tajpur road, Ludhiana has been granted to respective ULB (MC, Ludhiana in this case) vide no. MSW/LDH/2011/F-06 dated *11-04-2011 valid till 09-04-2013 regularized and further extended upto 29-07-2014.
4. **Environmental Clearance Status-** Environmental clearance under EIA notification dated 14.09.2006 for both Integrated

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Municipal Solid Waste Management facilities to be developed at Village Jamalpur, District Ludhiana has been granted by the MoEF, New Delhi on 31.01.2013.

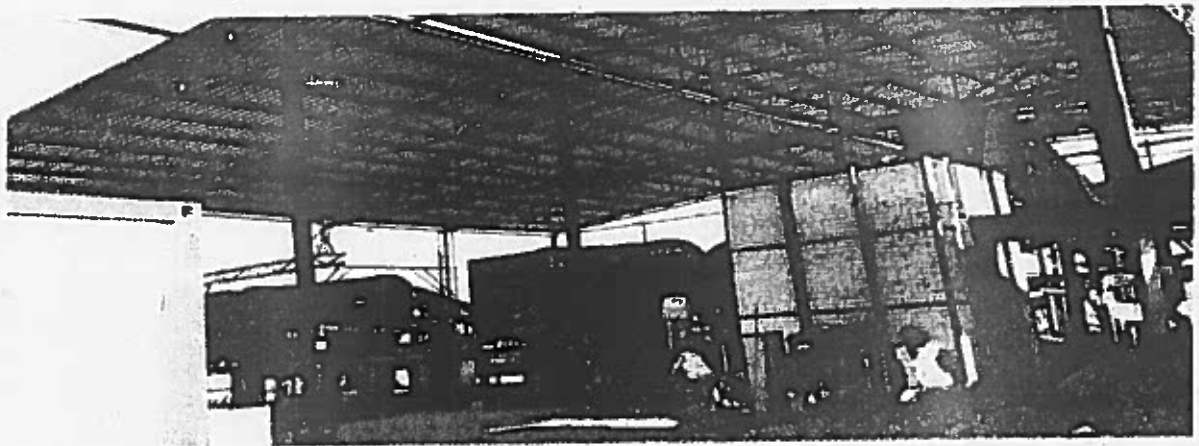
5. **Start of Work of Collection & Transportation and Dumping:**

The Ludhiana cluster comprises of 04 zones (Zone-A, Zone-B, Zone-C and Zone-D of Ludhiana City) and 12 nearby Urban Local Bodies (ULBs). Jamalpur Land fill site is designated for the waste generated from Zone-A, Zone-B, Zone-C and 7 ULBs for proper operation and monitoring related to Municipal Solid Waste Management. The Corporation has provided collection points at different parts of the Ludhiana city and the municipal solid waste collected from the above zones is transported to the dump site at village Jamalpur Awana, Tajpur Road, Ludhiana through covered vehicles. The Chief Health Officer, Municipal Corporation, Ludhiana informed that the municipal solid waste is collected at least once in 24 hours from these secondary points. However, at some points, where the generation of municipal solid waste is more, the waste is collected 2-3 times in a day.

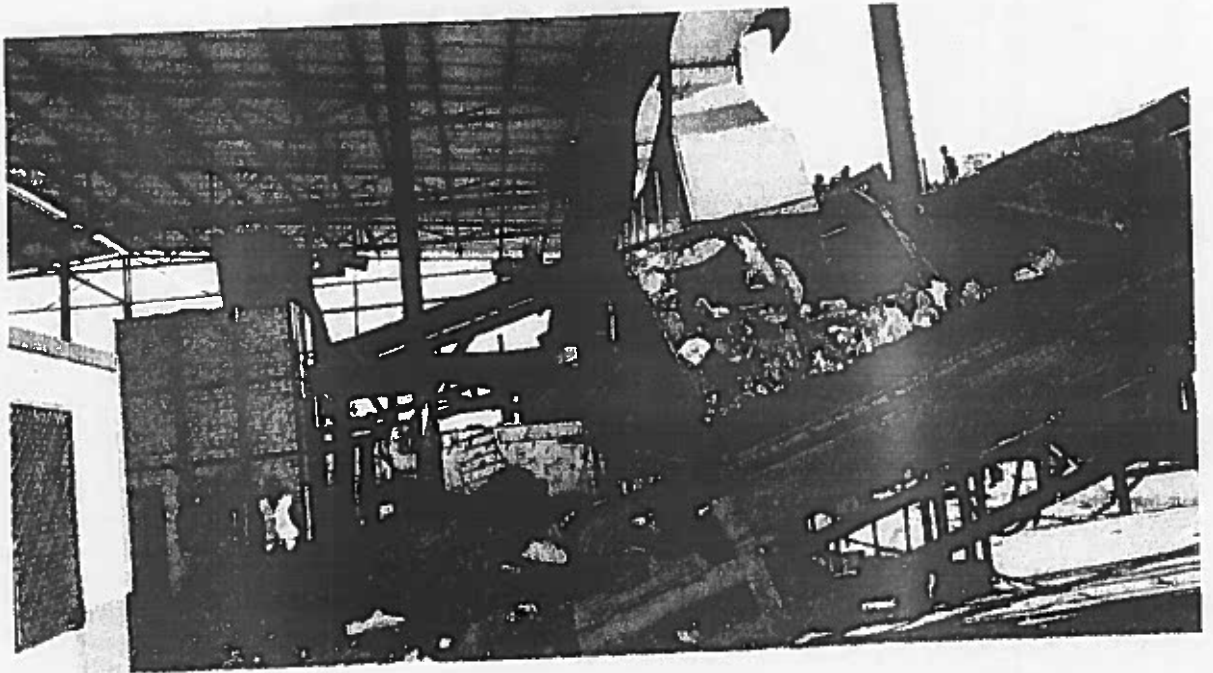
6. **Status of Cluster Site** - The site of the Cluster was visited on 09.02.2015 by the committee and observed that the plant was in operational condition. The Company has installed three trommel machines, out of which two trommel machines are operational. Moreover, the company has installed 01 De-stoner, 01 magnetic separator, 01 shredder, 01 dryer and 01 radial loaders for segregation of bio-degradable and non bio-degradable waste.

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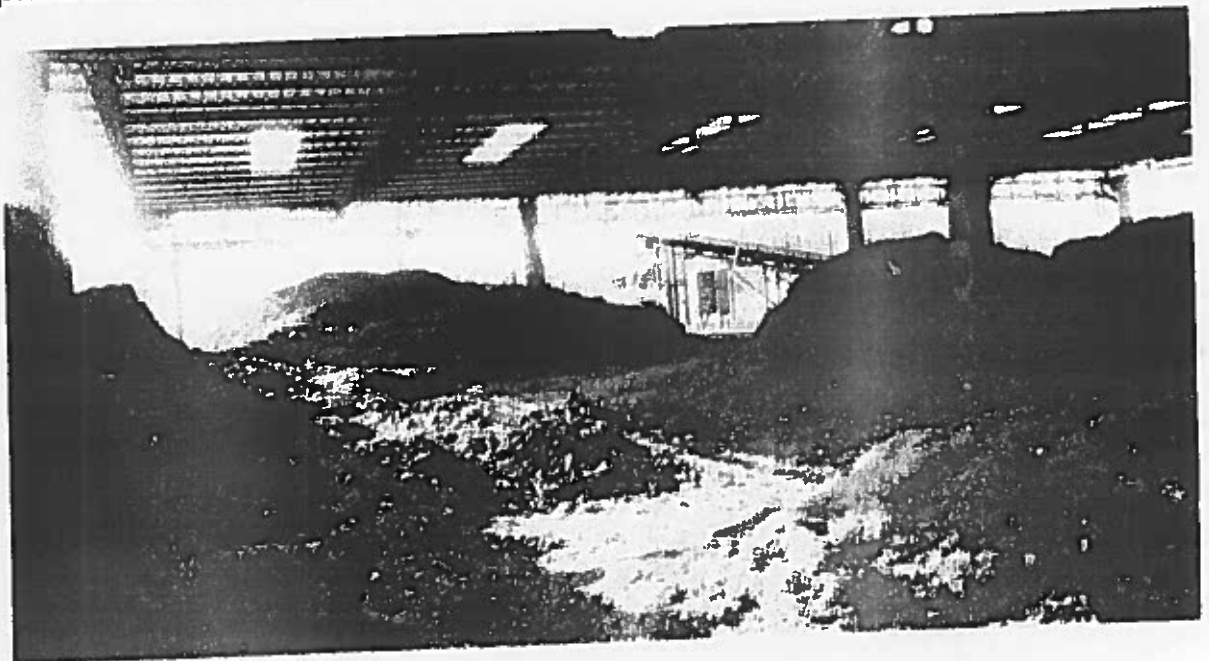
The bio-degradable wastes were being piled up in the area. No scrapping and compaction observed. During visit, all the machinery was found in operation for segregation of waste already dumped at the site. The process being followed included Feeding to the conveyor → Segregation → De-stoning → Drying → Shredding → RDF. The Municipal Corporation, Ludhiana has also installed one weighing bridge for the weighing of loaded MSW trucks. The RDF produced is transported through trucks to the Waste to Energy plant of M/s A2Z Waste Management Company located at Nakodar, Distt. Jalandhar.



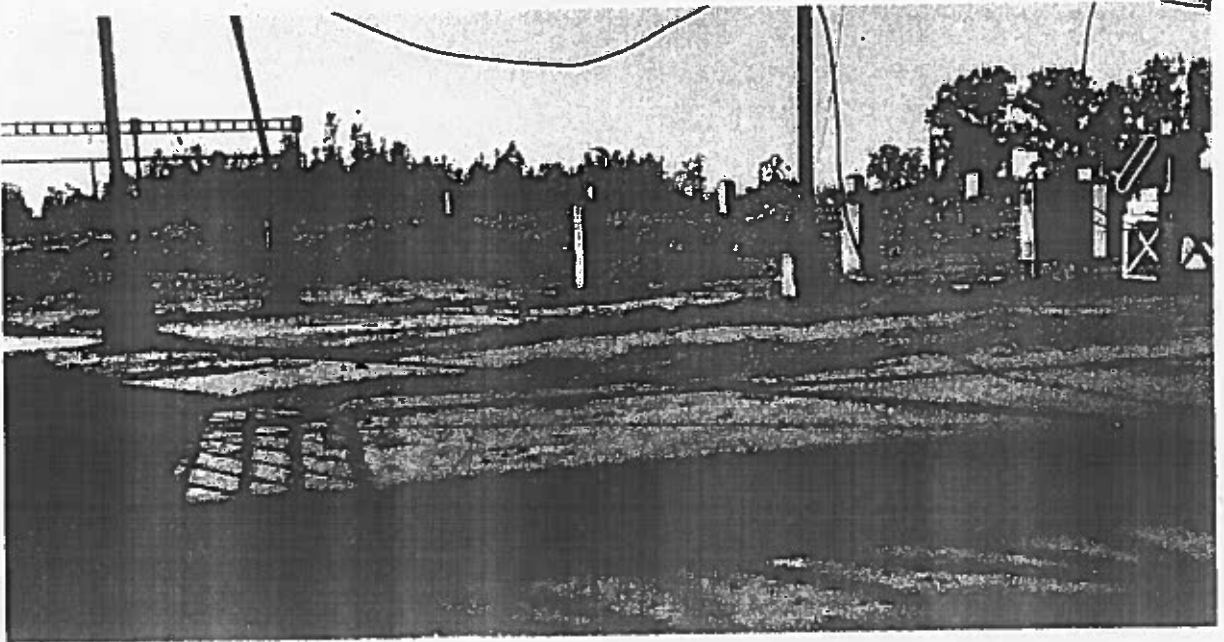
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The Waste to Energy plant was visited by the committee on 11.02.2015 and it was observed that the plant was not operational at the time of visit. All the machinery and equipments were well installed and was in working condition. However, the workers present at the plant informed that the plant is not working since 12.01.2015.



Part



Waste to Energy Plant at Nakodar

The site of the Cluster was again visited on 27.03.2015 and the plant was found non-operational.

BATHINDA CLUSTER STATUS

1. **Location of the Processing Site of the Cluster-** The site is at Mansa Road (near ITI Chowk), Bathinda with an area measuring 20 acres.
2. **Location of the Sanitary Landfill Site of the Cluster-** The site is at Village Mandi Khurd, Bathinda on an area measuring 36.8 acres.
3. **Transfer Stations-** The transfer stations of the Cluster will be at Malout and Mansa.
4. **Authorization Status-** Authorization for the Cluster has been granted to respective ULB (MC, Bathinda in this case) vide no.

Beth

MSW/BTI/2011/F dated 11.04.2011 valid till 10.04.2012 regularized and further extended upto 17-07-2014.

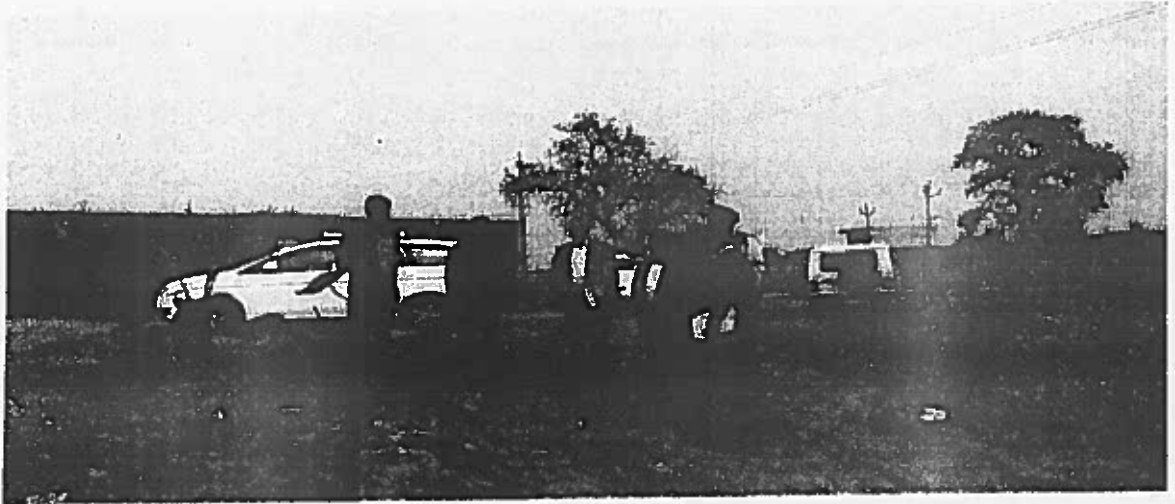
5. **Environmental Clearance Status**-The site has been granted Environmental clearance under EIA notification dated 14.09.2006 has been granted by SEIAA, Punjab vide letter No. 36350 dated 30.08.2012.
7. **Selection of Bidder/Project developer**- The MSW Project was awarded to M/s JITF, Bathinda.
8. **Start of work of door to door collection**- The Corporation has provided 55 secondary collection points at different parts of the Bathinda city and the municipal solid waste collected from the above zones is partially segregated by rag pickers and transported to the Processing Facility site at Mansa Road, Bathinda through covered vehicles. The municipal solid waste is collected at least once in 24 hours from these secondary points however, at some points, where the generation of municipal solid waste is more, the waste is collected 2-3 times in a day.
10. **Status of Processing Facility Site**- The site was visited by the committee on 02.02.2015 and observed as under:
- The Municipal solid waste is being dumped in two pits measuring a total of about 5 acres. The pits are lined at the

Bath

bottom with HDPE lining. A layer of good earth is laid on the Municipal Solid Waste dumped at site at the end of the day.

- Disinfectant is being sprayed at regular intervals at the Municipal Solid Waste and the record in this regard is being maintained.
- There was no odour problem or public nuisance observed at the time of visit.
- The green belt of 15 meter is maintained at the site all around the boundary wall except adjoining the STP area where this belt is of 5 meter width. Plants at some points have withered due to the weather and fresh plantation needs to be done at these points.
- The wall along the water distributary has been maintained from the approach road to the site. There are no chances of seepage of leachate from the site to the distributary as the distributary is lined with bricks and has a level higher than the site, however, a wall is required to be constructed from where the approach ends to the site till the farthest end of the site abutting the sullage carrier and distributary to avoid any scattering of municipal solid waste into the distributary.
- The laying of pillars for the composting plant shed to be erected at site was under process.

Devi



Saplings planted at the site

Bohl



Construction work of RCC Columns under progress

The site was again visited in the month of March, 2015 and it was observed that the development work was in progress however same is found to be behind the time schedule.

11. Status of Sanitary Landfill Site- The site was visited by the committee on 02.02.2015 and observed that no construction or development work at this site has been started.



No demarcation being done at the landfill site

The site was again visited in the month of March, 2015 and it has observed that no construction or development work at this site has been started, till now.

Ball

FEROZPUR CLUSTER STATUS

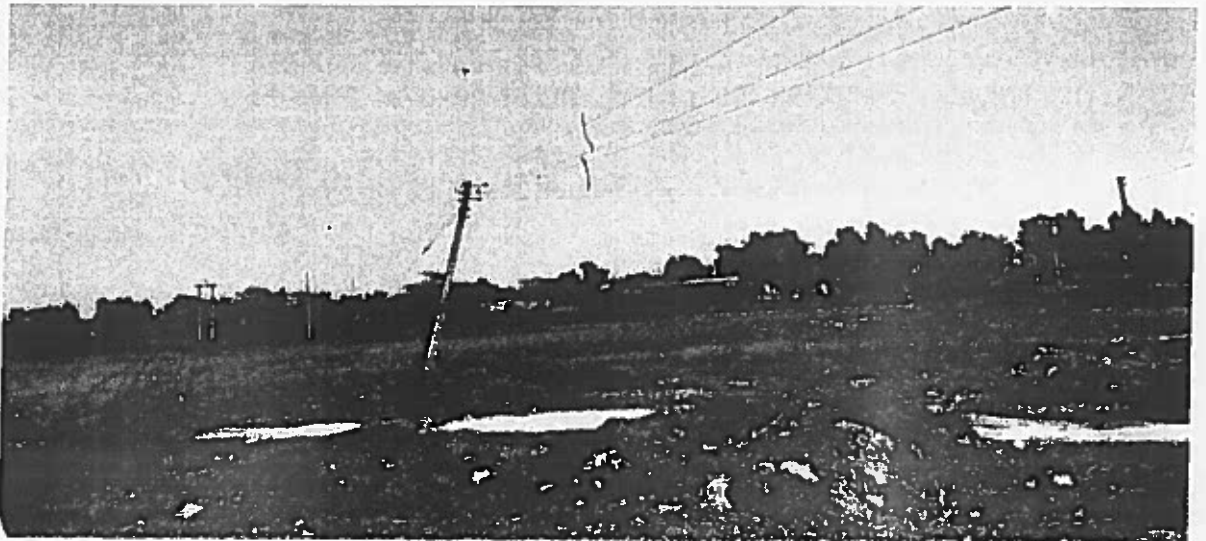
1. Location of the Cluster site- The site is at Vill. Bir Chahal, Distt. Faridkot with an area measuring 20 acres for setting up of Municipal Solid Waste Processing facility and sanitary Landfill facility.
2. Transfer Stations- The transfer stations of the Cluster will be at Muktsar, Ferozpur and Moga.
3. Authorization Status- Authorization for the Cluster has been granted to respective ULB (MC, Ferozpur in this case) vide no. MSW/EPA/2014/F-09 dated 04.12.2014 valid till 03.12.2015.
4. Environmental Clearance Status- The Environment Clearance has been granted by SEIAA, Punjab vide letter No. 44 dated 07.01.2015.
5. Selection of Bidder/Project Developer- The Project was awarded to M/s JITF Urban Waste Management (Bathinda) Ltd. in Dec.,2011.
6. Start of work of door to door collection- The Company has already started the work of door to door collection as per the Agreement in Jan.,2012. The daily average collection of the MSW is 300 tonnes. The Municipal Council Faridkot has provided 36 secondary collection points at different parts of the Faridkot city and the municipal solid waste collected from the above zones is being dumped at Hadda Rodi Dump site. These collection points have not been covered from three sides and

Abd

no segregation was being done at these points. The municipal solid waste is collected at least once in 24 hours from these secondary points. However, at some points, where the generation of municipal solid waste is more, the waste is collected 2-3 times in a day.

7. **Status of Cluster Site-** The Cluster site was visited by the officers of the Board on 13.02.2015 and it was observed as under:

- The site has not been demarcated yet and no fencing work or other work has been started yet.
- No development work has been started yet at the site



Vacant MSW site, no development work started

Book





MSW dumped along roadside

The Cluster site was again visited in the month of March, 2015 and no further progress has been observed at the site.

Red

PATIALA CLUSTER STATUS

1. Location of the Cluster site- The site is at Village Dudhar, Patiala with an area measuring 20 acres for setting up of Municipal Solid Waste Processing facility and sanitary Landfill facility
2. Transfer Stations- The transfer stations of the Cluster will be at Sangrur, Barnala, Malerkotla and Nabha.
3. Authorization Status- Authorization for the Cluster has been granted to respective ULB (MC, Patiala in this case) vide no. MSW/EPA/2014/F-07 dated 03.07.2014 valid till 02.07.2016.
4. Environmental Clearance Status- Terms of Reference have been issued by SEIAA, Punjab to the Municipal Corporation, Patiala vide letter no. 12550 dated 16.03.2012. The validity of the Term of Reference has been extended upto 11.03.2015 by SEIAA, Punjab.
5. Start of work of door to door collection- The Corporation has provided 107 secondary points at different parts of the Patiala city and MSW collected from the above zones is partially segregated by rag pickers and the waste is transported to the existing garbage dump Near Sanouri Adda, Patiala through covered vehicles. Door to door collection is being done

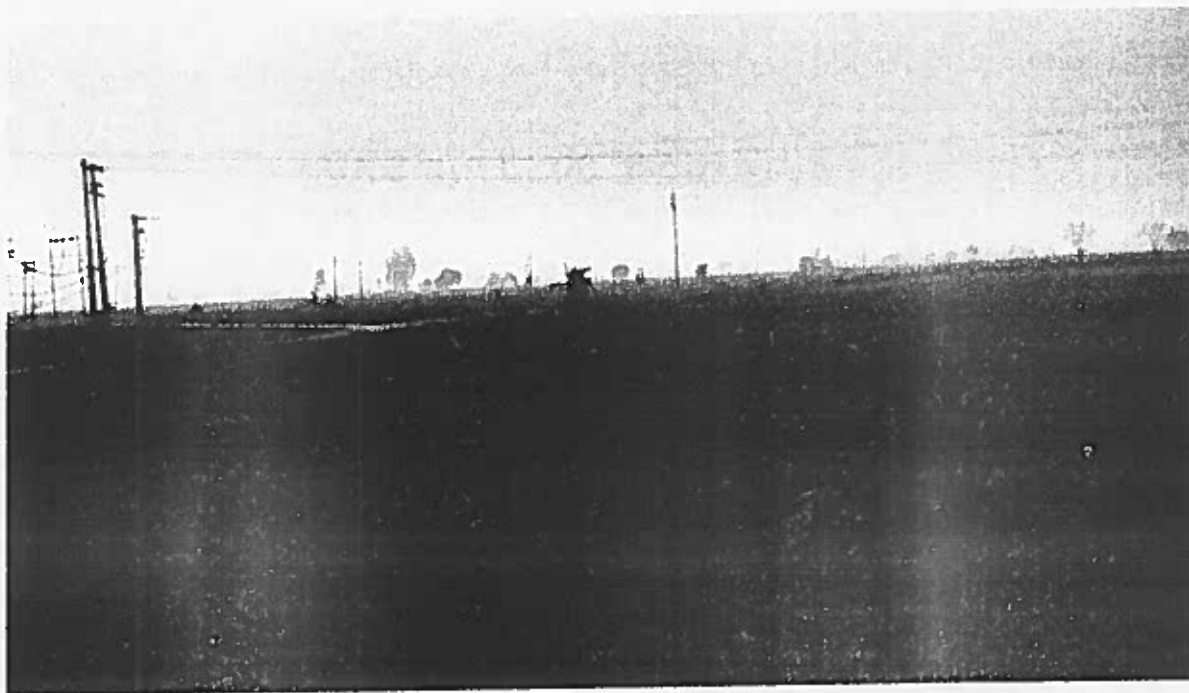
But

by the private workers. Till now no work has been allotted to any firm/company by Municipal Corporation Patiala. Municipal Solid Waste is collected at least once in 24 hrs from these secondary points. However, at some points, where the generation of Municipal Solid waste is more, the waste is collected twice in a day.

6. **Status of Processing Facility Site-** The Cluster site was visited by the officers of the Board on 16.02.2015 and it was observed as under:

- The site has not been demarcated yet and no fencing work or other work has been started yet.
- No development work has yet been started at the site.

Both



Agricultural land for MSW Cluster site



66 KVA Sub-Station adjoining to the site

The Cluster site was visited by the officers of the Board in the month of March, 2015 and no further progress has been observed at the site.

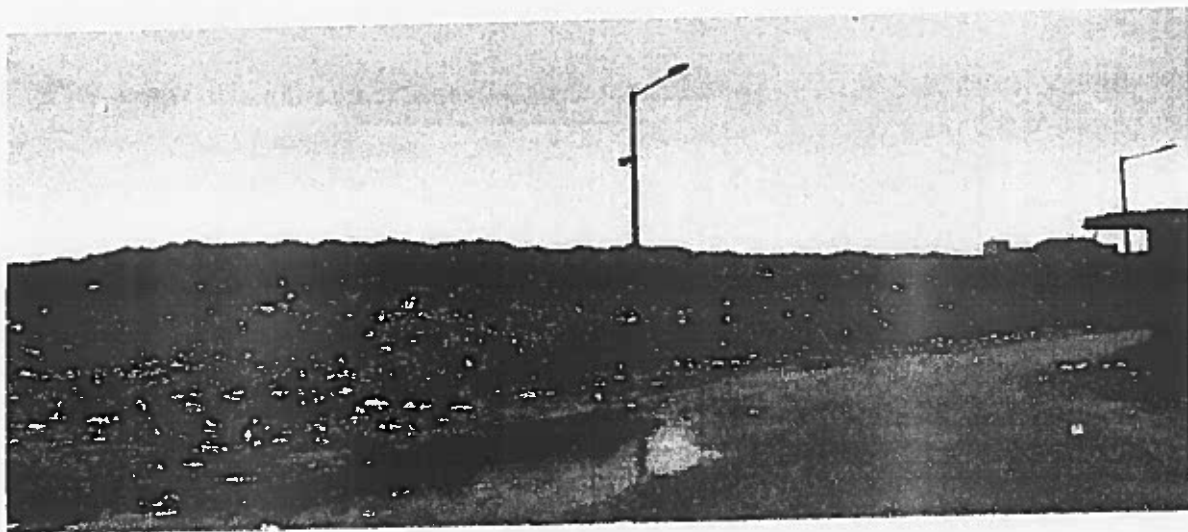
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AMRITSAR CLUSTER STATUS

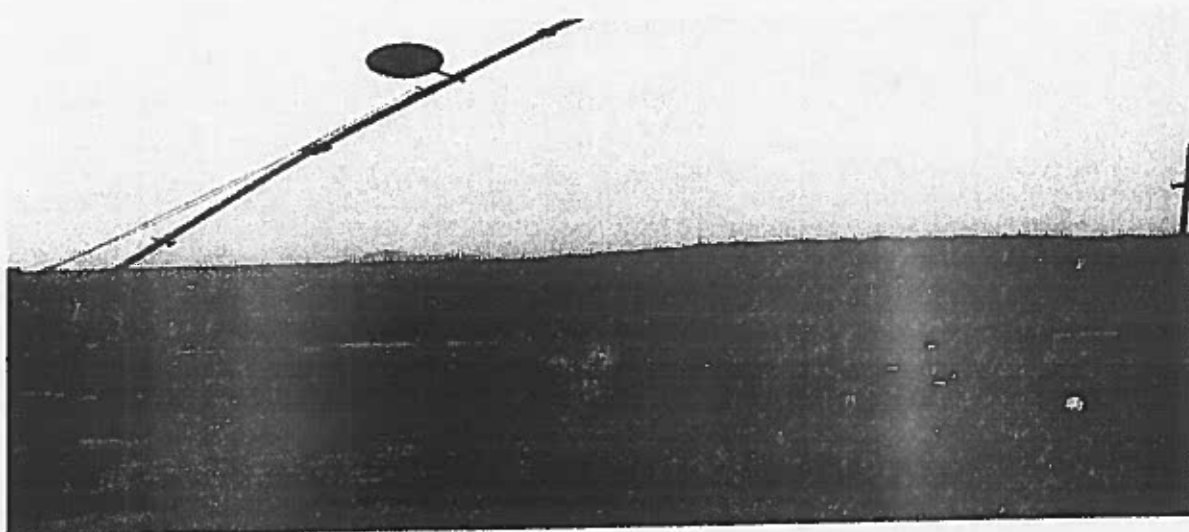
1. **Location of the Cluster site-** The site is at Bhagtanwala, Amritsar with an area measuring 21 acres for setting up of Municipal Solid Waste Processing facility and sanitary Landfill facility.
2. **Authorization Status-** Authorization for the Cluster has been granted to respective ULB (MC, Amritsar in this case) vide no. MSW/EPA/2014/F-08 dated 04.12.2014 valid till 03.12.2016.

3. **Environmental Clearance Status-** The Environmental Clearance has been granted by SEIAA, Punjab for development of existing dump site into 'Integrated Municipal Solid Waste Management Facility' including Engineered Sanitary Landfill Facility.
4. **Start of work of door to door collection-** Door to door collection is carried out only in certain areas of the city by private parties which then dump the waste to the secondary collection points. Un-segregated solid waste from the secondary collection points is then transported to the dumping site by the Corporation.
5. **Status of Cluster Site-** The site of the Cluster was visited by the committee on 18.02.2015 and observed as under:
 - The site is adjoining to the railway track.
 - Boundary wall of length 425 ft. has been provided around dumping site while tender for construction of remaining boundary wall has been floated on 16.02.2015.
 - Presently, the Municipal Corporation is dumping the Municipal Solid Waste at the dumping site of about 15 acres, located at Village Fatahpur, since 02.01.2015.

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Garbage Heaps lying at Bhagtanwala site



Railway Track adjoining to the MSW Cluster Site



Garbage heaps lying unattended at the site

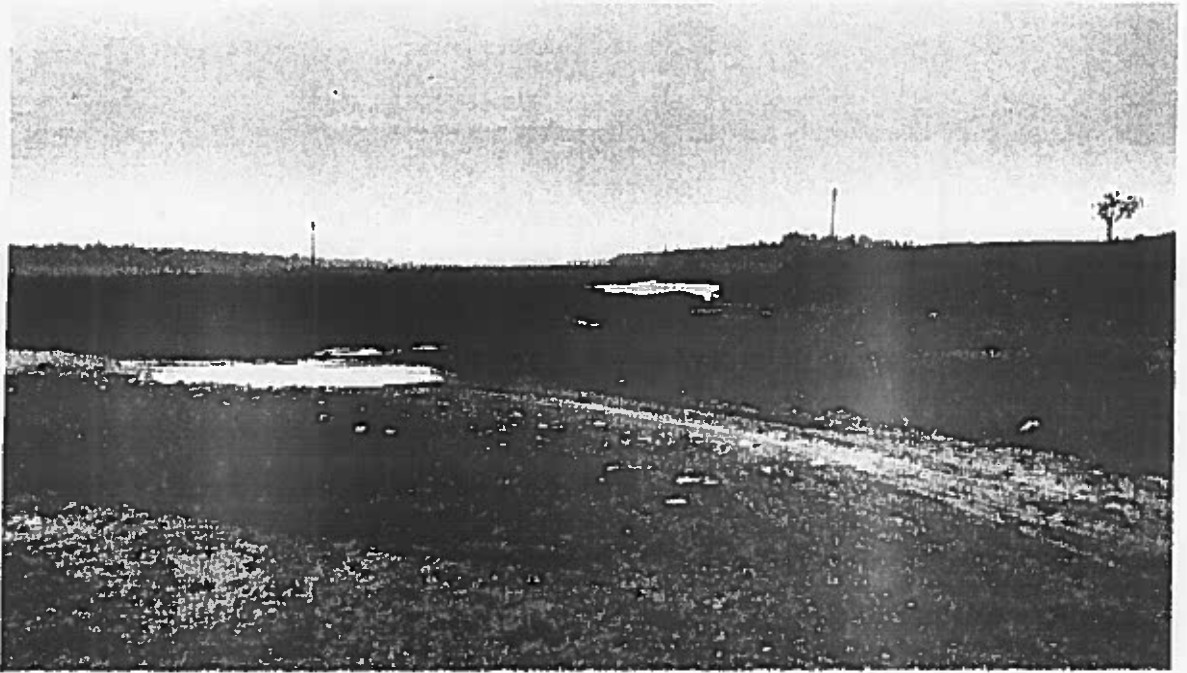
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The Cluster site was visited by the officers of the Board in the month of March, 2015 and no further progress has been observed at the site.

PATHANKOT CLUSTER STATUS

1. **Latest Status of Cluster Site-** Earlier the MC, Pathankot has identified the site for setting up of Municipal Solid Waste Project for Pathankot cluster at Kalanour, Distt. Gurdaspur which was dropped by the Govt. of Punjab. Thereafter, site at Village Dehriwal, Distt. Pathankot was identified but the MC has failed to obtain necessary approval from Airport Authorities as the landfill site is located within a radius of 20 Km of the International Airport. Now, the site at Village Chak Akhwara has been identified which was visited by the committee on 18.02.2015. However, the MC officials informed that this site falls in the seasonal drain area of River Raavi and the overflow of the river passes through this land and they have written to the Secretary, Department of Local Government regarding identification of suitable land for setting up of the Integrated Municipal Solid Waste Facility for Pathankot Cluster. Presently, the MSW is being dumped at Village Dehriwal, Distt. Pathankot.

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Overflow of the river Raavi observed at the site



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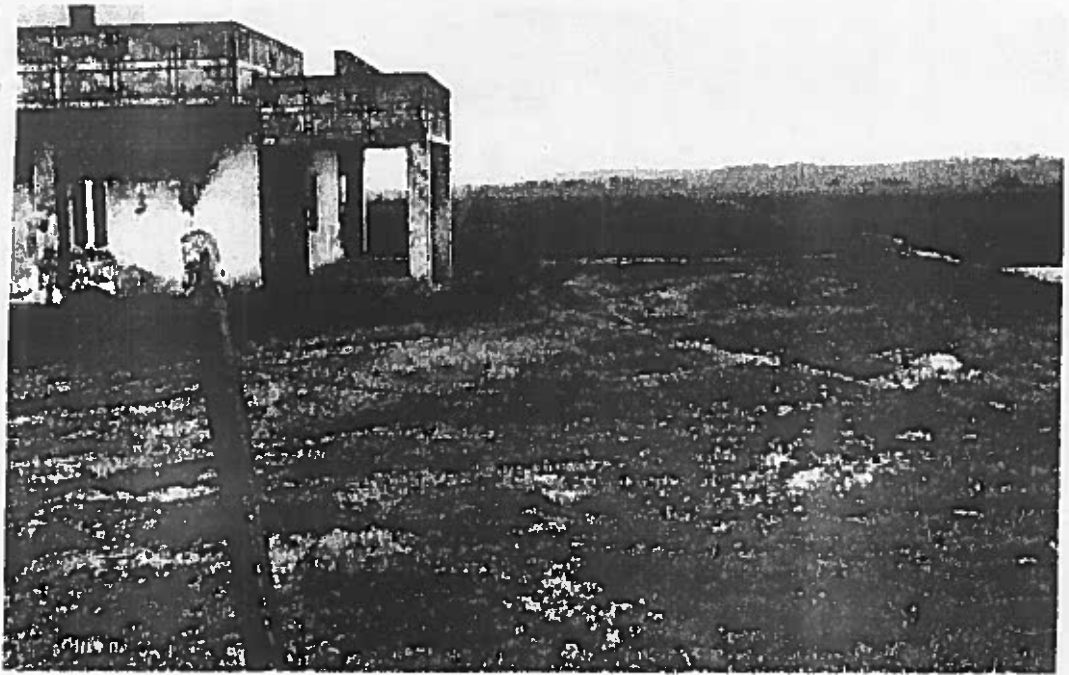
Site at Vill. Chak Akhwara identified for MSW Cluster Site

No further progress has been observed in the month of March, 2015. Presently, the Deptt. of Local Govt. has abandoned this site being flood prone.

GMADA CLUSTER STATUS

1. **Location of the Cluster site-** The site is at Samgauli, SAS Nagar with an area measuring 56.23 acres for setting up of Municipal Solid Waste Processing facility and sanitary Landfill facility.
2. **Transfer Station-** The Transfer Station will be at Rajpura.
3. **Authorization Status-** Authorization for the Cluster has been granted to respective ULB (MC, Mohali in this case) vide no. MSW/EPA/2014/F-11 dated 15.12.2014 valid till 14.12.2016.
4. **Environmental Clearance Status-** Environmental clearance under EIA notification dated 14.09.2006 has been granted vide letter dated 09.03.2012 by the Ministry of Environment & Forests, New Delhi.
5. **Start of work of door to door collection-** The door to door collection of solid waste is being done by the private parties.
6. **Status of Cluster Site-** The Cluster site was visited by the committee on 16.02.2015 and observed that at present the proposed site is used for agricultural purpose and no steps have been taken at the site for installation of facility.

Ball



Agricultural land for MSW Cluster site



Agricultural land for MSW Cluster site

The Cluster site was visited by the officers of the Board in the month of March, 2015 and no further progress has been observed at the site.

Bell

Department Of Local Government, Punjab
S.C.O. No: 131-132, Sector 17-C, Chandigarh.

OFFICE ORDER

No

Date:

**Subject: Development of Municipal Solid Waste Management Project, Punjab
 (Formation of Committees)**

The project cited in the subject is being undertaken at the cluster level for which this state is divided into eight clusters namely - Ludhiana, Amritsar, Patiala, Bathinda, Gmada (Mohali), Pathankot, Jalandhar and Ferozepur. For the effective implementation and monitoring of the short term measures and Common Action Plan, the committees are formed as below:

(A) For Municipal Corporation	(i)	Concerned Commissioner, Municipal Corporation	Chairman
	(ii)	Nominee of Deputy Commissioner not less than the Member rank of PCS Officer	Member
	(iii)	Nominee from the PPCB not below the rank of Executive Engineer Member.	Member
(B) For ULB's other than Municipal Corporations	(i)	Concerned Sub Divisional Magistrate	Chairman
	(ii)	Nominee from the PPCB not below the rank of SDE.	Member
	(ii)	Executive Officer of Concerned ULB	Member

The Committees will conduct joint site inspection at least once a month and ensure that the 10 Points of Common Action Plan are implemented. The Chairman of the committee shall ensure to send the regular status report to the Department of Local Government.

This is issued with the approval of Chief Secretary, to Govt. of Punjab.

Dated Aug.22, 2013

Ashok Kumar Gupta, IAS
 Secretary
 Department of Local Govt.
 Punjab.

Endst. No: 169-177

Date: 29/8/13

A copy of above is forwarded to:

- 1 PA to the Worthy Chief Secretary, Government of Punjab for kind information of Chief Secretary, Govt. of Punjab.
- 2 P S to Secretary, Department of Local Government for kind information of Secretary, Local Govt. Punjab
- 3 Chairman Punjab Pollution Control Board for necessary action.
- 4 All Deputy Commissioners in the State of Punjab for necessary action.
- 5 All Commissioners, Municipal Corporation in the State of Punjab for necessary action.
- 6 All Sub Divisional Magistrates in the State of Punjab along with the copy of 10 Actionable points of the CAP for obtaining specific field level inputs.
- 7 All Regional Deputy Directors, Urban Local Bodies in the State of Punjab for necessary action.
- 8 All Executive Officers, Municipal Council's/ Nagar Panchayats in the State of Punjab for strict compliance
- 9 Project Manager, IL&FS for information.

Bel

29/8/13
 Director

Department of Local Govt.
 Punjab.

18.4.15

PUNJAB



Punjab Pollution Control Board

Camp Office: Plot - 55, Phase - 2, S.A.S Nagar (Mohali)

E mail: epappcb@gmail.com

www.ppcb.gov.in

Fax: 0172-5044974

EPA/2015/No. 116

- Regd -

Dated: 10/4/2015

To

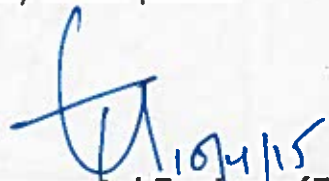
Ms. Almitra H. Patel,
Member, Supreme Court Committee for Solid Waste Management,
50 Kothnur, Bagalur Road, Bangalore

Subject: Application No. 199/2014 titled as Almitra H. Patel & Anr. Vs. Union of India & Ors pending before the Hon'ble National Green Tribunal, Principal Bench, New Delhi.

Please find enclosed herewith Affidavit of Punjab Pollution Control Board through its Member Secretary in compliance of the orders of Hon'ble National Green Tribunal, Principal Bench, New Delhi in the subject cited Application dated 20.03.2015.

This is for your kind information and necessary action please.

DA/As Above


Environmental Engineer(EPA)