

**Proceedings of the Public Hearing conducted on 30.6.2017 at 11:00 A.M. held at the main gate of the existing TSDF of Ramky Enviro Engineers Ltd (Unit: Punjab Waste Management Project) located opposite M/s Vardhman Chemtech Ltd, Village Nimbuan, P.O. Rampur Sainia, Tehsil Dera Bassi, District Mohali (S.A.S. Nagar) in connection with application filed for obtaining environmental clearance under EIA Notification dated 14/9/2006 for carrying out expansion of the existing common Treatment Storage & Disposal Facility located in the revenue estate of village Nimbua, Tehsil Dera Bassi, Distt. SAS Nagar.**

The following persons were present to supervise the proceedings:-

1. Sh. Charandev Singh Mann,  
P.C.S.  
Additional Deputy Commissioner,  
on behalf of Deputy Commissioner,  
S.A.S Nagar (Mohali)
2. Er. S.S. Matharu,  
Environmental Engineer,  
Regional Office, Punjab Pollution Control Board,  
S.A.S Nagar (Mohali)

Sh. S.S. Matharu, Environmental Engineer, PPCB welcomed the Supervising-cum-Presiding Officer and people from the nearby Villages who came to attend the public hearing for expansion plan of existing common TSDF by increasing the existing Direct Landfill (DLF) and Landfill after stabilization treatment (LAT) to 20,000 TPA and 40,000 TPA, respectively, along with installation of hazardous waste incinerator of capacity – 500 kg/hr, bio-medical waste management facilities of capacity – 5 TPD, alternative fuels and raw materials facility of capacity – 18,000 TPA, e-waste management facility of capacity – 8,000 TPA and recycling facilities like used oil recycling of capacity – 2 KLD, spent solvent @5 KLD, lead recycling @ 2000 TPA, paper recycling @ 2 TPD, and plastic recycling @ 2 TPD to convert it into an Integrated Common Hazardous Waste Treatment Storage & Disposal Facility in existing Plant premises located at Village Nimbuan, District Mohali (S.A.S Nagar), Punjab. He apprised the public about the requirement of conduct of the public hearing before grant of environmental clearance under EIA Notification no.1533 (E) dtd. 14.9.2006 of the Ministry of Environment and Forests, Govt. of India, New Delhi. He clarified to the people about the role of the common TSDF and its current status since it was commissioned in the month of October 2007. He expressed about the need for setting up of an incinerator keeping in view of the role of TSDF as a hazardous waste disposal facility which till now was sending the incinerable waste to Uttar Pradesh which

was not a cost effective solution. Keeping the same in mind, the Punjab Pollution Control Board has advised M/s Ramky Enviro Engineers Ltd to set up the same in the existing facility. He also brought into notice of public that M/s Ramky Enviro Engineers Ltd submitted copies of draft EIA report along with the Executive Summary of the same. He further brought out that a notice of public hearing was published in two prominent newspapers 'Hindustan Times' & 'Ajit' on 27.05.2017 to make the public aware of the date, time & venue of the public hearing and about the places/ offices where the public could access the draft EIA report and its Executive Summary report before the said hearing. He informed that this public hearing is being conducted for the expansion of existing common TSDF into an Integrated Common Hazardous Waste Treatment Storage & Disposal Facility. He asked the representatives of M/s Ramky Enviro Services Pvt Ltd, Hyderabad (EIA Consultant) to give a detailed presentation on draft EIA report and Environmental Management Plan of the project proposal.

Dr. B.Chakradhar, consultant/representative of M/s Ramky Enviro Services Pvt Ltd gave a presentation to the public on the project and technical aspects based on TOR (Terms of Reference) regarding setting up of an incinerator addressing all relevant environmental concerns on the basis of which draft EIA report has been prepared. He clarified that while preparing the report for installation of hazardous waste incinerator of capacity 500 kg/hr it was realized that with the ongoing industrialization & considering the need of the hour there was a requirement to also include/increase the existing Direct Landfill (DLF) and Landfill after stabilization treatment (LAT) to 20,000 TPA and 40,000 TPA, respectively, along with installation of hazardous waste incinerator of capacity – 500 kg/hr, bio-medical waste management facilities of capacity – 5 TPD , alternative fuels and raw materials facility of capacity – 18,000 TPA, e-waste management facility of capacity – 8,000 TPA and recycling facilities like used oil recycling of capacity – 2 KLD, spent solvent @5 KLD, lead recycling @ 2000 TPA, paper recycling @ 2 TPD, and plastic recycling @ 2 TPD to convert it into an Integrated Common Hazardous Waste Treatment Storage & Disposal Facility in existing Plant premises located at Village Nimbuan, District Mohali (S.A.S Nagar), Punjab.

He also described about the different aspects in regard to the expansion of the industry which are given as under:

## **1. PROJECT DETAILS**

<b>S. No</b>	<b>Facility</b>	<b>Existing Capacity</b>	<b>Proposed Capacity</b>
1	Direct Landfill (DLF)	36,000 TPA	20,000 TPA
2	Landfill after Stabilization Treatment (LAT)		40,000 TPA
3	Incineration (INC) – Common for HW and BMW	-	500 kg/hr
4	Bio Medical Waste (BMW)	-	5 TPD
5	Alternative Fuels and Raw Materials Facility	-	18,000 TPA
6	E-waste	-	8,000 TPA
7	Used oil recycling	-	2 KLD
8	Spent solvent recycling	-	5 KLD
9	Lead recycling	-	2,000 TPA
10	Paper recycling	-	2 TPD
11	Plastic recycling	-	2 TPD

## **2. WATER REQUIREMENT AND WASTEWATER GENERATION**

<b>Sl. No</b>	<b>Utility</b>	<b>Water Requirement (KLD)</b>	<b>Waste water Generation (KLD)</b>
1	Domestic	5	4
2	Floor washings	4	4
4	Recycling	10	2
5	Bio-medical waste facility	5	5
6	Boiler	12	7
7	Incineration	10	3
8	Green belt	4	-
	<b>Total</b>	<b>56</b>	<b>25</b>

3. The capital cost of the proposed Project is Rs 35 crores out of which 3 crores have been allocated for the purpose of Environment Management Plan (EMP). The purpose of the same is to ensure that no harm comes to the environment due to the proposed project activities. The initial cost for the same is Rs 3 crores with a recurring annual allocation of 30 lakhs per annum for monitoring & to maintain the same.

## **4. BUDGET OF IMPLEMENTATION OF ENVIRONMENTAL MANAGEMENT PLAN**

S. No	Particulars	Capital Cost (Rs. Lakhs)	Recurring Cost
			(Rs. Lakhs/annum)
1	Air Pollution Control Systems	100	10
2	Noise Control measures – Acoustic enclosures for DG set, Noise barriers for pumps, etc	5	0.5
3	Greenbelt development	5	0.5
5	Online Stack monitoring	50	10
6	Ambient Air quality monitoring	25	3
7	Third party environmental monitoring, energy audit, environmental audit, training programs, etc.	40	6
8	Environmental control measures during construction stage and Miscellaneous works	75	-
<b>Total</b>		300	30

5. Rupees 20 lacs have been earmarked towards the Corporate Social Responsibility (CSR). This fund shall be utilized over a period of 2 years. Thereafter the company shall allot 2% of the annual profit towards the same. Dr. B.Chakradhar emphasized, with photographs, how these activities were already being carried out at the project and would be continued with an increased fund allocation earmarking specific activities as provided below:

S. No	Activities	Details	Total Amount Rs. (Lakhs)
1	Hazardous Waste awareness programs	Sensitization through organizing lectures of experts	2
2	Health checkups	Health checkup for communities in the nearby villages	5
3	Installation of Hand pumps	Hand pump & Community Water Filter Units in the nearby villages	4
4	Development of schools	Through donating books and other need based education materials to the school	3.5
5	Health immunization camps	For nearby villagers – Women & Children	4
6	Parks/Playgrounds	Parks and playground will be renovated or developed in nearby villages/schools	1.5
<b>Total</b>			20

**Capital Cost of the project is Rs. 35 Crores**

**6. PROJECT BENEFITS are as under:**

- Management of hazardous waste with additional benefit of green and clean Environment.
- It minimizes the pollution load on environment from industrial hazardous waste.

- Compliance with prescribed regulatory norms which in turn avert the risk of closure on account of violation of rules.
- It reduces the number of hazardous waste sites in the area and also eliminates the pollution potential.
- The management of wastes is relatively easier & economically viable at common facility.
- Cost of environmental monitoring is less at common facility.
- Reduced environmental liability due to captive storage of hazardous waste in the premises of industries.
- Better occupational health and safety at individual industry level.
- Prevention of natural resource contamination thereby improving overall environmental status of the region.

Dr. B.Chakradhar concluded the presentation and invited the people to come forward with any queries/ issues regarding the proposed project.

Thereafter, Environmental Engineer, Punjab Pollution Control Board informed the public present that the persons present at the venue may seek information or clarifications or submit his suggestion or objection on various issues related to proposed expansion of the project from the proponent/consultant. He also informed the public that the person should share his name and address so that the same can be noted & can become a part of the proceedings.

Thereupon, the detail of the information/ clarifications raised by the persons present at the venue of hearing and the reply given by the consultant of the industry / project proponent is as under:

<b>S. No</b>	<b>Name of the person</b>	<b>Questions/ query / statements of the person</b>	<b>Reply / clarification given by the company/ panel member</b>
1.	Sh. Surmukh Singh, Sarpanch Vill. Khehri, Tehsil Dera Bassi, Distt. S.A.S. Nagar (Mohali)	<ul style="list-style-type: none"> <li>• He said that whenever such new plants come up they have a positive &amp; a negative aspect attached to them.</li> <li>• He also said that whatever has been promised in the presentations should also be fulfilled.</li> </ul>	<ul style="list-style-type: none"> <li>• Sh. Charandev Singh Mann, ADC, stated that all are very valid submissions &amp; the same shall be taken into consideration and he shall ensure the same is done by the company.</li> <li>• Sh. Sandeep Himalayan, Project Head, Punjab Waste Management Project stated that some of the activities are</li> </ul>

		<ul style="list-style-type: none"> <li>• The CSR activities should not be limited to the local village i.e. Nimbuan but should also be carried out in other nearby villages.</li> <li>• To safeguard the environment the company can adopt a village, plant trees there and carry out other environment protection related activities.</li> <li>• The company should ensure that there is no waste spillage outside the TSDF premises.</li> <li>• Preference can be given to local people for job opportunities. There should be some special quota.</li> <li>• Rather than doing one time activities of “Chabeel” it is better to provide for permanent solutions like providing a water purifier.</li> </ul>	<p>already being undertaken by the company.</p> <ul style="list-style-type: none"> <li>• Sh. Charandev Singh Mann, ADC suggested that whenever such CSR activities are undertaken with the approval of the District Administration since the administration is more aware of local requirements &amp; then such funds can be diverted towards more needy areas which can be identified by discussing with the village panchayat.</li> </ul>
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2.	Sh. Kamal Raj Kumar, Vill. Sundran, Tehsil Dera Bassi, Distt. S.A.S. Nagar (Mohali)	<ul style="list-style-type: none"> <li>• He said that whenever such new plants come up they have a positive &amp; a negative aspect attached to them.</li> <li>• He did not have any objection to the Project coming up in the area but he had a few following suggestions :-</li> <li>• The company can provide for widows by giving them jobs or pension.</li> <li>• Company can establish playgrounds for children in the nearby villages.</li> <li>• Company can establish a drug rehabilitation centre in the nearby area.</li> <li>• Company can provide funds for upgrading schools by providing books, pencils etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Sh. Charandev Singh Mann, ADC, expressed that with the increase in population &amp; development in a given area such disposal facilities have become very important. Just because there is waste disposal activity going on in a particular area it does not mean that it will harm the environment in the area or affect the people. In fact these environmentally sound waste disposal facilities ensure that no harm is caused to the environment.</li> </ul>
3.	Sh. Ranbir Singh, Village Shyampur, Tehsil Panchkula, Distt. Panchkula	<ul style="list-style-type: none"> <li>• He wanted to know the affect on the air quality from the emission to be generated from the incinerator.</li> </ul>	<ul style="list-style-type: none"> <li>• Dr. B.Chakradhar explained that the incinerator has a scrubbing system to ensure that no harmful pollutants will escape into the atmosphere. The waste water generated from scrubber will be treated in the plant and the waste residue from it will be disposed in the landfill.</li> </ul>

Sh. Charandev Singh Mann, ADC, also clarified that in future if there is any such problem which is leading to pollution of the environment the same can be reported to the regional office of SPCB which will take requisite action in the matter.

Sh Sanjiv Kumar as a senior person accountable for the activities being proposed to be undertaken at the TSDF assured the public that the facility is being proposed for various waste recycling or disposal activities which shall ensure that there is no pollution generated from such wastes. Secondly as part of company's social responsibility various suggestions have come from the public which shall be addressed appropriately. Such activities were already being carried out but now there shall be better focus of the "needs" by consulting the district administration before carrying out any such activities. Thirdly, the attendees are worried about the possibility of pollution, though this is understandable but they should not be concerned about the same as the plant itself has a very well maintained green belt signifying the purity of the general plant environment. It is a well monitored project with online monitoring facilities which shall also extend to the incinerator facility. He also requested the people present to give any written suggestions/observations, as already stated by ADC, so that the same can be presented to the MOEF/CPCB committee formed to give clearance to the expansion of the project.

Environmental Engineer, PPCB, then clarified to the gathered public that the questions which were gathered from the public have been documented as is and shall be made part of the proceedings and sent to Ministry of Environment & Forests by the Punjab Pollution Control Board. A copy of the same shall also be shared with the local Panchayats also. A copy of the /objections received in writing is attached herewith as Annexure-'A'.

Environmental Engineer, PPCB with the permission of Sh. Charandev Singh Mann, Additional Deputy Commissioner thanked the gathered public and concluded the Public Hearing.

**(Sh. Charandev Singh Mann), P.C.S.**  
Additional Deputy  
Commissioner,  
SAS Nagar

**(Er. S.S. Matharu)**  
**E.E.**  
Punjab Pollution  
Control Board,  
Regional Office, SAS  
Nagar



