

**Proceedings of the public hearing conducted on 21.11.2018 in connection with application filed by M/s Oasis Enterprises Pvt. Ltd., for obtaining environmental clearance under EIA Notification dated 14.09.2006 for the proposed expansion in the existing premises located in the revenue estate of Village Talwara, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib.**

The following were present to supervise the proceedings:-

1. Sh. Jaspreet Singh, IAS  
Additional Deputy Commissioner,  
Fatehgarh Sahib
2. Er. Parveen Saluja,  
Environmental Engineer (Mega)  
Punjab Pollution Control Board, Patiala.
3. Er. Vijay Kumar,  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office, Fatehgarh Sahib.

Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala welcomed the Supervising-cum-Presiding Officer and people from adjoining towns/villages, who came to attend the public hearing of this project for the proposed expansion in the existing premises located in the revenue estate of Village Talwara, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib. He informed that an application was filed by M/s Oasis Enterprises Pvt. Ltd., in the revenue estate of Village Talwara, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib with the State Level Environment Impact Assessment Authority (SEIAA), Punjab for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 to carry out expansion of its existing unit for manufacturing of billets, Ingots, TMT Bars, Flats & structure from 260 TPD to 1000 TPD by replacing two No. induction furnaces of 12 TPH capacity each with 4 No. induction furnaces of capacity 20 TPH each alongwith existing one ladle refining furnace of capacity 20 TPH & 1 No. rolling mill in the existing premises located in the revenue estate of Village Talwara, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib. After considering the application of the industry, the SEIAA, Punjab had issued 'Terms of Reference' to the industry for preparation of draft EIA

study report. Now, the industry has submitted draft EIA report to the Punjab Pollution Control Board for conducting public hearing of the project as per the procedure prescribed in the EIA Notification dated 14.09.2006. Environmental Engineer (Mega) apprised the public present there about the requirement of conducting the public hearing before deciding the application filed by the industry for getting the said clearance for carrying out expansion at the said site. He also brought into the notice of public that a copy of the draft EIA report alongwith the executive summary of the same submitted by the industry to the Punjab Pollution Control Board was placed in the office of Deputy Commissioner, Fatehgarh Sahib; General Manager District Industrial Centre, Fatehgarh Sahib at Mandi Gobindgarh; E.O., M.C. Mandi Gobindgarh; Regional Office of MoEF&CC at Chandigarh; Environmental Engineer, Punjab Pollution Control Board Regional Office, Fatehgarh Sahib for access to the public and other stakeholders. He further brought out that a notice of public hearing was published in two prominent newspapers namely, 'The Tribune', and 'Ajit' dated 18.10.2018 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. Thereafter, he requested the representative of the project proponent, who is the Environmental Consultant of industry to elaborate about the main features of the project and the draft EIA study report.

Mrs. Simranjit Kaur of M/s Eco Laboratories & Consultants Pvt. Ltd., environmental consultant of the project proponent brought out the details of the expansion plan of the project before the public as under:

1.	Name of the Project	:	M/s Oasis Enterprises Pvt. Ltd.,
2.	Type of project :		Steel Manufacturing Unit (Expansion)
3.	Location	:	Village Talwara, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib.
4.	Furnaces (induction)	:	(i) Existing: 2x12 TPH (induction furnace), 1x20 TPH (Ladle furnace) and Rolling mill. (ii) After expansion: 4x20 TPH (induction furnace), 1x20 TPH (Ladle furnace) and Rolling mill

5.	Features within 10 km radius	:	i)	Archaeological important places	Nil
			ii)	Wildlife sanctuaries	Nil
			iii)	Reserved/Protected forest	Nil
			iv)	Historical places	Nil
			v)	River/Canal	Bhakhra Canal
			vi)	Industries	Mixed
6.	Total land	:	The project is having 5.40 acres of 21,875.55 sqm of land. No additional land is required for expansion.		
7.	Products				
8.	Raw material/sources				
	Sr. No.	Raw material	Source	Mode of Transportation	
	1.	Scrap & Ferro Alloys	Mostly from Local market	By road through trucks.	
9.	No. of workers		Existing	= 95	
			Proposed	= 55	
			Total	= 150	
10.	Cost of the project		Existing	Rs. 3100.08 Lacs	
			Proposed	Rs.1700.00 Lacs	
			Total	Rs. 4800.08 Lacs	
11.	Cost of pollution control system		Rs. 166.5 Lacs and Rs. 17 Lacs/annum (recurring)		
12.	Power requirement (KW)		Existing	- 16,000	
			Additional	- 14,000	
			Total	- 30,000	

13.	Source of power	From Punjab State Power Corporation Ltd., for which NOC from the authority of PSPCL has been obtained. One Acoustic enclosure DG set of 500 KVA will be installed.			
14.	Water requirement		Existing	Additional	Total
		Domestic	2.0 KLD	6.0 KLD	8.0 KLD
		Cooling	21.0 KLD	45.0 KLD	66.0 KLD
		Total	23.0 KLD	51 KLD	74 KLD
15.	Source of water	Existing borewell will be used to abstract the groundwater. For obtaining the CGWA permission, application has already been submitted to the Competent Authority.			
16.	Effluent Quantity	Domestic Water = 6.0 m <sup>3</sup> /day Cooling = Nil (entire cooling water will be recirculated)			
17.	Effluent Treatment	Domestic effluent shall be treated through STP of capacity 10 KLD, which is to be installed within the project premises. Treated domestic effluent will be used for plantation & landscaping within the premises.			
18.	Ambient Air quality	<p>The PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>2</sub> and CO levels were monitored at eight locations in the study area for three months (March - May, 2018). The P-98 levels of criteria pollutants are as follows:</p> <ul style="list-style-type: none"> <li>(i) PM<sub>2.5</sub> is 108.45 µg/Nm<sup>3</sup>,</li> <li>(ii) PM<sub>10</sub> is 183.33 µg/Nm<sup>3</sup>,</li> <li>(iii) SO<sub>2</sub> is 11.38 µg/Nm<sup>3</sup>,</li> <li>(iv) NO<sub>2</sub> is 26.4 µg/m<sup>3</sup> and</li> <li>(v) CO is less than 1.5 mg/ m<sup>3</sup>.</li> </ul> <p>The baseline air quality levels are within the National Ambient Air Quality Standards prescribed for residential and industrial area (Standards are 60, 100, 80 and 80µg/m<sup>3</sup> for PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub> and NO<sub>2</sub> respectively).</p>			

		Proposed expansion will have less impact than existing one.
19.	Water quality	Eight groundwater samples and one surface water sample were collected from the study area for chemical and biological analysis. The groundwater qualities of the study area are satisfactory. No metallic or bacterial contamination was found in the water quality. But bacterial contamination is found in surface water.
20.	Noise Environment	Ambient noise levels were monitored at 8 locations in the study area. Noise levels in the study area vary from 52.6 dB (A) to 70.6 dB (A) in day time and 42.1 dB (A) to 60.0 dB (A) during night time. The highest levels were observed at Project Site. The baseline noise levels are well within the National Standards. Proposed expansion will have less impact than existing one due to better pollution control facility.
21.	Soil environment	Eight soil samples were collected from the study area and analyzed. The texture of soil is sandy loam. The organic matter, nitrogen, potassium and phosphorus content of the soil are moderate. The pH of all the soil samples is within the acceptable range. No impact on soil will be there for proposed plant.
22.	Air Pollution Control Device	Pulse Jet Bag Filter shall be provided on the induction furnace as APCD. Online monitoring system shall also be installed.

23.	Solid Waste	Slag @ 8.5 TPD from furnace will be generated and shall be used to make interlock tiles/cement for which agreement shall be made with manufacturers of the interlocking tiles/cement. Part of slag will be crushed and used for road making purpose/filling of low lying area.
24.	Hazardous waste	APCD dust will be disposed off to M/s Madhav Alloys Pvt. Ltd., for metal recovery. Used oil from DG Set will be stored in drum and given to authorized vendor of Punjab Pollution Control Board.
25.	Monitoring Cell	Monitoring will be carried out by the Cell consisting of:- 1. Owner 2. Project Incharge 3. Environment Consultants
26.	CER activities	Rs. 17 lacs will be spent towards implementation of activities on Corporate Environment Responsibility such as tree plantation, cleaning of village pond, drinking water & R.O. in Govt. School etc.

Thereafter, Environmental Engineer brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.09.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the proposed expansion project from the project promoter. It was also brought into the notice of the persons present there that the information or clarifications sought by them and reply given by the project proponent will be recorded in the proceedings of the hearing, which will be sent to SEIAA, Punjab for further consideration. Accordingly, he requested the persons present in the hearing to seek information or clarifications on the project one by one. He also informed that no information / clarifications / comments / views / suggestions / objections on the project have been received from the public in writing by the Board, so far.

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

<b>Sr. No.</b>	<b>Name &amp; address of the person</b>	<b>Detail of query/ statement / information / clarification sought by the person present</b>	<b>Reply of the query / statement / information / clarification given by the project proponent</b>
1.	Sh. Dewan Chand, r/o Village Talwara, District Fatehgarh Sahib	He wanted to know how many persons of their village and nearby area will get employment in the industry after expansion.	Environmental consultant of the industry informed that directly 55 more persons of the nearby area will get the employment, after the expansion of the industry.
2.	Sh. Nirmal Singh, r/o Village Talwara, District Fatehgarh Sahib	He wanted to know what will be the effect of smoke/ APCD dust on the environment & trees.	Environmental consultant of the industry informed that pulse jet bag filters will be installed as APCD alongwith side hood as per the design of PSCST, Chandigarh to control the air pollution from the industry. As such, there will be no significant effect on the environment & trees from the proposed expanded project of the industry.
3.	Sh. Kulwinder Singh, r/o Village Talwara, District Fatehgarh Sahib	He stated that the water of the area is not good and what will be effect on potable water, after expansion of the industry.	Environmental consultant of the industry informed that no water will be used in the process except cooling water and the entire cooling water will be recirculated. She further informed that domestic effluent after treatment will be used for irrigation purposes/ green belt developed/to be developed in the premises of the industry. As such, no water will be discharged outside the premises of the industry and the unit will be operated on the principle of zero liquid discharge (ZLD). She also informed that the pond of Village Talwara will be cleaned.

4.	Sh. Palwinder Singh, r/o Village Talwara, District Fatehgarh Sahib.	He informed that the public hearing of another unit of the industry was held 7-8 days back, wherein he has demanded that winter uniforms to the children of poor families studying in the Govt. school of their village be provided and employment to two handicapped persons of their village be given. The industry has fulfilled both these demands. He further stated earlier the position of the Govt. school of their village was very bad, but the industry has adopted the same and is now caring the school. The industry is providing interlock tiles in the premises of the school. The industry has planted trees in the cremation ground & school of their village. He stated that there is a underbridge near their village, which is being going to start at earliest, as such, he demanded that the industry should provide three lights and CCTV cameras in the same. He wished that the industry may grow very soon. He also stated that one girl of the poor family of their village, who has won the medal at the State level in the weightlifting and now, she has to go far away for training & other purposes, as such, he demanded that the industry may provide air ticket to the girl child.	Environmental consultant of the industry informed that the industry shall provide 3 No. lights & CCTV cameras near the underbridge for the safety of the people and also provide air ticket to the girl child, as demanded.
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Then the Environmental Engineer (Mega), Punjab Pollution Control Board requested the public, that if anyone else want to ask any more question about the proposed expansion project, he may come forward, but no one came forward. After that people were asked to raise their hands who are in favour of this expansion project and most of the people present raised hands in favor of this project. He then asked the people to raise their hands who are not in favour of the project and no one present in the public hearing raised his hands in disfavor of the project. The public hearing was attended by 55 persons.

The public hearing ended with vote of thanks to the chair.

**(Vijay Kumar)**  
Environmental Engineer,  
Punjab Pollution Control Board,  
Regional Office, Fatehgarh Sahib

**(Parveen Saluja)**  
Environmental Engineer  
(Mega)  
Punjab Pollution Control  
Board, Patiala.

**(Jaspreet Singh), IAS**  
Addl. Deputy Commissioner,  
Fatehgarh Sahib