

Proceedings of the public hearing conducted on 17.09.2018 in connection with the application filed by M/s United Biotech (P) Ltd., under the EIA notification dated 14.9.2006 for establishment of an industrial unit for the manufacturing of Active Pharmaceutical Ingredients (APIs) @ 500 TPA in the revenue estate of Village Bhagwanpur, Tehsil Dera Bassi, District SAS Nagar.

The following were present to supervise the proceedings:

1. Sh. Charan Dev Singh Mann, PCS,
Additional Deputy Commissioner (General),
SAS Nagar
2. Er. Kuldip Singh,
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, SAS Nagar
3. Er. Parveen Kumar Saluja,
Environmental Engineer (Mega),
Punjab Pollution Control Board,
Patiala.

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 project to be located in the revenue estate of Village Bhagwanpur, Tehsil Dera Bassi, District SAS Nagar. He informed that an application was filed by M/s United Biotech (P) Ltd., Village Bhagwanpur, Tehsil Dera Bassi, District SAS Nagar with the MoEF&CC, Govt. of India, New Delhi for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 to establishment of an industrial unit for the manufacturing of Active Pharmaceutical Ingredients (APIs) @ 500 TPA. After considering the application of the industry, the MoEF&CC 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 Chairman, Zila Parishad, SAS Nagar; Deputy Commissioner, SAS Nagar; General Manager District Industrial SAS Nagar; Regional Office of MoEF&CC at Chandigarh; Environmental Engineer, Regional Office, Punjab Pollution Control Board, SAS Nagar for access to the public and other stakeholders. He further brought out that a notice of public hearing was published in three prominent newspapers namely, The Hindustan Times (English Daily), 'Jagbani' (Punjabi Daily) and Spokesman dated 15.08.2018 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.

Environmental consultant of the promoter company, brought out the details of the project proposal before the public as under:

1) Project Description

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|---|---|
| i) Project Name : | M/s United Biotech Ltd.
at Village: Bhagwanpur,
Tehsil Derabassi, District
SAS Nagar |
| ii) Status of the project
(New/ Expansion/Amendment) | New |
| iii) Name of Product
API | Quantity (TPA)
500 |
| List of the products | |
| 1. Pencillin API – 352.00 TPA | |
| 2. Cephalosporin API – 35 TPA | |
| 3. Oncology API – 6.30 TPA | |
| 4. Penems API – 34.50 TPA | |
| 5. Macrolide - 20.50 TPA | |
| 6. Hormones – 40.1 TPA | |

7. Generals 6.3 TPA
Total = 500 TPA

iv) Details of the Raw Materials	The raw materials used in manufacturing process of API are Tazobactam, Amoxicillin, Imipenem Monohydrate and Doripenem side chain etc. Total quantity of raw materials is 700 TPA.
v) Total cost of Proposed Project	Rs. 100 crores
vi) Total plot area (<i>sqm</i>) Manufacturing Unit area	- 44000 m ² - 29480 m ²
vii) Green belt area/Tree Plantation area (<i>sqm</i>)	14520 m ² (33% of the total area)
viii) Source of Water Supply	Ground water (Bore well)
ix) Water consumption (<i>KL/day</i>)	Total Water requirement 530 KLD.
x) Waste water generation (<i>KL/day</i>)	350 KLD
xi) Mode of Disposal	The company proposed to install a Zero Liquid Discharge ETP of capacity 400 KLD. Unit will install an STP of 30 KLD for the treatment of domestic sewage generated
xii) No. of Boilers with capacities	3 nos. boilers of capacity 5 TPH each which 965 kg/hr wood briquettes or 1100 kg/hr wood will be used as fuel.
xiii) DG sets	4 Nos of capacity 500 KVA each will also set-up for the power back up.

xiv) Employment:	Direct – 150, Indirect - 350
xv) Power Requirement & source	2000 KVA. Source: Punjab State Power Corporation Limited

2) Mitigation measures for different Environment parameters

A. Regarding anticipated air pollution & its remedial measures:

i) Construction Phase:

- Regular water sprinkling will be done to avoid dust generation from transportation and stored material.
- Personal Protective Equipment's (PPEs) will be provided to all the workers.
- Only PUC vehicle will be used for the transportation of materials and equipment.

Operation Phase

- The major air pollution sources from the industry are process, DG set, boiler. These sources are provided with stacks of adequate height so as to disperse the emanating flue gases containing SPM, oxides of sulphur and nitrogen without affecting the ground level concentrations and Multi Clone Dust Collector with Boiler as an air pollution control measures to control the emission of particulate matter the flue gas emission will remain well within gaseous emission norms prescribed by the CPCB.
- Scrubbers are provided to the process sections with adequate stack height as per the regulatory requirements.
- To control the air emissions from D.G. Set, stack height of 5.0 m (AGL) shall be provided.
- Green belt will be developed on 33% area of the total project area which will help in attenuating the pollutants emitted by the plant.

B. Regarding anticipated water pollution & its remedial measures:

- Fresh water requirement of the project will be met by ground water through bore well.
- Domestic wastewater 25KLD will be discharged in STP & will be utilized for greenbelt development to reduce the water consumption.
- The waste water generated from the Industrial use will be treated in ETP with tertiary treatment
- ETP treated water will be reuse in the process to reduce the water demand.

C. Soil Environment:

- No toxic /waste water will be disposed directly on land
- Vegetation will be done on uncovered soil

D. Regarding anticipated noise pollution & its remedial measures:

- Green belt development (plantation of dense trees across the boundary) will help in reducing noise levels in the plant as a result of attenuation of noise generated due to plant operations, and transportation.
- Personal protective equipments like ear plugs and ear muffs will be provided to employees working in the noise prone areas.
- Time to time oiling and servicing of machineries will be done.
- Acoustic enclosure for Turbine and D.G. sets would be used.

E. Regarding anticipated solid waste generation & its remedial measures:

- Construction waste material will be reused for pavements and landscaping. Boiler ash stored separately & sold/given to farmers.
- ETP sludge will be disposed at TSDF site situated near Nimbua, Dera Bassi
- Discarded Bags will be collected, storage & separately and sell to authorized vendor.

F. Odour Management

- Wet Scrubber system shall be installed to control the odour generated & to control the emission.
- Proper housekeeping.
- Spraying of Anti Odorous Chemicals wherever required.
- Use of Personal Protective Equipments like; nose masks, goggles for individuals working in Plant Area.
- Green belt will be maintained to control the odour problem; About 33% of the total area is under the green cover.

3. Corporate Social Responsibility (CSR)

The industry has proposed a fund of 2.0 crores for CER activities. Employment will be generated, hence improvement of socio-economic aspects of the area. Proposed amount will be utilized for the welfare of Village such as maintenance and proper water supply in schools of nearby Villages.

4. Budget for Implementation of Environmental Management Plan

Sr. No.	Particular	Initial cost (in Rs. Lacs)	Recurring cost in (Rs. Lacs)/ Annum
1.	Air pollution control	120	30
2.	Wastewater Treatment (ETP) (STP)	60	10
		10	4
3.	Fire and Safety	10	5
4.	Green Belt Development	12.87	1
5.	Rain Water Harvesting Plan	3	1
6.	Occupational Health & Safety	-	4
7.	Environmental Monitoring	-	5
Total		215.87	60

Thereafter, Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.9.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the 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 the Ministry of Environment, Forests & Climate Change 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:

Sr. No	Name of the person	Detail of query / statement / information / clarification sought by the person present at the venue of hearing.	Reply of the query / statement / information / clarification given by the project proponent
1.	Sh. Gurmukh Singh, Nambardar, Village Bhagwanpur, Tehsil Dera Bassi, District SAS Nagar	He welcomed the Addl. Deputy Commissioner, SAS Nagar and officers from Punjab Pollution Control Board. The industry should provide water pollution arrangements so that there will be no water pollution in the vicinity. He stated that some of the industries already established in the area are creating pollution problems, but as explained by the environmental consultant of the company, there will be no environment pollution, for which they are happy. He further stated that the employment should be given to the peoples of their village. He welcomes for the establishment of the industry. He further stated that the project proponent should provide help to the poor	Representative of the company stated that they have allocated the funds for health facilities for the local people. More than 3,000 plants will be planted in the unit. Capital investment of Rs.70 Lacs will be spent for the treatment of wastewater. Rs.14 Lacs/ year will be spent for the maintenance of the same. There will be no water pollution problem in the vicinity. Preference will be given to the people of nearby villagers as per their qualification in employment. The project proponent stated that the necessary help will be given for conducting of the marriage of the daughters of the poor family of the village. He is always available on his mobile so

		families in their village for marriage of their daughters.	that the people of the area may contact him for other development work of the village.
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Thereafter, Additional Deputy Commissioner, SAS Nagar welcome the public and informed that:

- In the public hearing, generally there are mainly 2-3 issues regarding treatment of wastewater/air pollution, providing plantation and employment to the local people and he has discussed all these issues with the project proponent.
- The project proponent should plant the trees in sufficient quantities.
- The people who want to get the employment in the industry, should give their resume to the industry, so that qualified person may be provided employment as per the qualification.
- Corporate Social Responsibility (C.S.R) activities are very necessary for the development of the area and the industry will have to fulfill the same. As explained by the project proponent, Rs. 2 Crores will be spent on CSR activities. He added that the project proponent should spend this amount on providing clean drinking water, providing & maintenance of toilets in the schools, drainage system of the village and upkeep of the village dispensary.
- Groundwater pollution or any other pollution caused by the industry, if in the knowledge of any one should be brought to his notice and he will ensure a proper action. There will be zero tolerance regarding industrial pollution.
- If the industry requires more than 25 workers, then the industry should inform the Govt. regarding the same, which will be provided by the Govt. under the employment scheme. District Employment Bureau is being set up at

the district level, which will start work from 2nd October, 2018, which also provide training to the registered persons.

This public hearing was attended by 59 persons. Environmental Engineer (Mega), Punjab Pollution Control Board, Patiala further requested the persons present at the venue of hearing that if anyone else wants to seek any information/ clarification on the proposed project, but no one came forward. After that people were asked to raise their hands who are in favour of this proposed project and most of the people present raised hands in favor of the project.

The hearing ended with vote of thanks to the Supervisor-Cum-Presiding Officer and the public present in the hearing.

(Parveen Kumar Saluja)

Env. Engineer (Mega)
PPCB, Head Office,
Patiala

(Kuldip Singh)

Env. Engineer,
PPCB, Regional Office,
SAS Nagar

(Charan Dev Singh Mann), PCS,

Addl. Deputy Commissioner (Gen)
SAS Nagar