C-11, SECTOR-6, PANCHKULA

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Dated:-03/12/2021

То

The Secretary,

Minister of Environment, Forest and Climate Change,

Government of India, Indira Paryavaran Bhawan, Jorbagh Road,

New Delhi-110003.

Subject:-Minutes of Public Hearing held on 9 th November 2021 (under violation category) for M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Villagelsmaila, Tehsil-Sampla, Distt. Rohtak.

Kindly refer to the subject noted above.

Please find enclosed herewith the proceedings of the public hearing conducted on 09.11.2021 at 11:30 AM under Environmental Impact Assessment Notification dated 14.09.2006 (amended to date) under violation category for manufacturing formaldehyde in existing capacity from 80 TPD to 250 TPD M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Village Ismaila, Tehsil- Sampla, Distt. Rohtak onwards at plant site in original forwarded by Regional Officer, Bahadurgarh, Haryana State Pollution Control Board vide letter no. 2616 dated 18.11.2021 alongwith attendance sheet, CD, photographs and other relevant documents for information and further necessary action.

DA/-As above.

Senior Environmental Engineer, Publicity Cell

For Member Secretary

СС

A copy of the above alongwith copy of proceedings with enclosure is forwarded to following for information and further necessary action please:-

- 1. The Additional Chief Secretary to Govt. of Haryana, Environment Department, Chandigarh.
- 2. The Director General, Environment Department, Haryana.
- 3. The Deputy Commissioner, Rohtak.
- 4. The Chairman, Zila Parishad, Rohtak.
- 5. The Municipal Corporation / Committee, Rohtak.
- 6. The Regional Officer, HSPCB, Bahadurgarh. He is requested to send the copy of

proceedings to all the concerned Village Panchayat for displaying in their offices.

- 7. Sr. EE(IT) (HQ) for uploading the proceeding on the website of the Board.
- 8. M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Village Ismaila, Tehsil- Sampla, Distt. Rohtak.

DA/- Copy of Proceedings.

Senior Environmental Engineer, Publicity Cell

For Member Secretary

СС

A copy of the above is forwarded to the following for information please:-

- 1. PS to Chairman.
- 2. PA to Member Secretary.

Senior Environmental Engineer, Publicity Cell

For Member Secretary

HARYANA STATE POLLUTION CONTROL BOARD

REGIONAL OFFICE, BAHADURGARH, SCF No. 42 & 43, SHOPPING CENTRE, SECTOR-6, HUDA,

HSPCB BAHADURGARH

Ph No. 01276-243077-242078, E-Mail: hspcbrobdh@gmail.com, Web: hspcb.gov.in Dated: 18

No. HSPCB/BDR/2021/

To

The Member Secretary, Haryana State Pollution Control Board, Panchkula.

Kind Attn: SEE-II (H.Q.)

Minutes of Public Hearing held on 9th November 2021 (under violation category) Sub:-M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Villagefor Ismaila, Tehsil-Sampla, Distt. Rohtak.

Please find enclosed herewith the Minutes of the Public Hearing pertaining to Environmental Clearance (under violation category) for M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak. As per provisions of EIA Notification 14.09.2006 the project comes under the category 5(f) Synthetic Organic Chemical Industry under category "A" being located outside the notified industrial area. The attendance sheet of officers, Public, Photographs, Pan Drive of Public hearing & Executive Summary for onward submission to Ministry of Environment Forest & Climate Change is attached for reference.

Submitted for your kind information and further necessary action please.

Bahadurgarh Region.

D.A:-

- Minutes of Public Hearing.
- Annexure 'A' (Attendance sheet of officers).
- Annexure 'B' (Attendance sheet of Public).
- Videography of Public Hearing (02 Pan Drive).
- Photographs of Public Hearing (02 sets).

/2021

Minutes of Public Hearing held on 9th November 2021 (under violation category) for M/s Banke Bihari Overseas Pvt. Ltd. Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak

Minutes of Meeting of the Public hearing held under provisions of EIA Notification dated 14-09-2006 (amended to date) under violation category for manufacturing formaldehyde in existing capacity from 80 TPD to 250 TPD at Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak on 09.11.2021 at 1130 AM onwards at plant site.

The Public hearing was held as a mandatory requirement under EIA notification dated 14.09.2006.

Date & Time: 09th November, 2021at 11:30 AM

Venue: Plant site, Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak Officer/Officials present:

1) Sh. Mahender Pal, Additional Deputy Commissioner, Rohtak

2) Smt. Shweta Suhag, SDM, Sampla, District Rohtak

3) Sh. Gulab Singh, Tehsildar, Sampla, District Rohtak

4) Sh. Dinesh Yadav, RO, HSPCB

5) Sh. Ravinder Yadav, AEE, HSPCB

Besides Govt. Officers/officials of the District Administration, approx. 63 persons from village Ismaila, Bhaproda, Kheri Sampla, Barhana and other nearby villages attended the hearing at plant site. The hearing was also attended by the industry officials and other representative of various Govt. Departments. Copy of attendance sheet is enclosed herewith.

Copies of the Executive Summary of Draft EIA of M/s Banke Bihari Overseas Pvt, Ltd. Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak for manufacturing formaldehyde in existing capacity from 80 TPD to 250 TPD at Sampla-Beri Road, 11-B, Village-Ismaila, Tehsil-Sampla, Distt. Rohtak were distributed to the audience present in the hearing.

RO, HSPCB welcomed Worthy ADC, Rohtak and other Govt. Officers along with participants from the nearby villages for attending the public hearing. He explained about the necessity of the public hearing being held under provisions of EIA notification dated 14-09-2006, amended till date. He particularly emphasized that those present in the hearing should raise their suggestions, objections, views, queries and doubts about any problem which may arise from the existing plant.

Dh

1403842/2021/Estt.Brer, formal permission to start the process of Public Hearing was granted by Worthy ADC, Rohtak. Thereafter, RO, HSPCB requested to the Project proponent consultant to give the presentation of the project in detail and remedies taken by the project proponent to control the environmental impacts which may arise from the existing project.

> Sh. Pawan Kumar Verma, Sr. Manger and Smt. Shweta Ghildiyal, Environmental Engineer of M/s Vardaan Environet explained about the manufacturing process of formaldehyde and detail of project. He further explained that M/s Banke Bihari Overseas Pvt. Ltd. is an existing formaldehyde manufacturing unit of capacity 80 TPD and the capacity will be increased after obtained E.C. from 80 TPD to 250 TPD for which unit has applied under violation category. Total plot area of the plant is 0.5 hectares and the project comes under category 5(f) Synthetic Organic Chemical Industry under category "A" being located outside the notified industrial area. The total project cost will be Rs. 900 lacs, the manufacturing of formaldehyde is envisaged to meet the demand supply gap in the domestic market, as adequate gap has got created during the past few years with increased in demand growth of formaldehyde units. It is used in different industries including construction, furniture, paint and coatings, textiles, fertilizers and pesticides units. During process water requirement is 490 KLD and source is ground water for which application has already been submitted to HWRA. Raw material for manufacturing of formaldehyde is methanol which will be procured from Kandla Port, Gujrat. During manufacturing process no significant effluent will be generated, therefore ZLD will be maintained, domestic waste effluent will be treated through septic tank followed by soak pit and to control process emission scrubber will be provided to keep the ambient air quality within the prescribed norms.

The project consultant also briefed in detail about the project as given below:

- Project location
- Environmental settings of 10 km radius study area
- Description of the project regarding raw material and basic requirements.
- Plant capacity and raw materials
- Plant Layout
- Process flow chart
- · Baseline monitoring results of air, water, noise and soil
- Air dispersion modelling
- Water use and waste water generation
- Air and Noise Quality Control
- · Water quality control and existing treatment facilities
- Zero liquid discharge in the process
- Odour management
- Solid waste management

DA

1403842/2021/Estt.Br Greenbelt/plantation development

- CSR/ESC activities is being/will be carried out
- Budget allocation for CSR/ESC activities

Basic Details of the Project

S. No.	Particulars		Details	60 - E					
L.	Nature and size of the Project		anufacturing Unit ty from 80 TPD to B, District Rohtak	250 TPD at S					
	Location details								
2.	Village /Town/Plot No.	Ismaila							
1994 j	District	Rohtak							
	State	Haryana							
	Area Details	They and							
3.	Total Project Area	Total area available is 0.54 Hectare. No addition required for proposed expansion. Green belt is d in an area of 0.18 Hectare (Approximately 33.33 land area).							
	Cost Details								
4.	Project Cost	Existing	Estimated cost for proposed expansion To		Total				
		Rs. 4.41 Crores	Rs. 4.59 Crores Rs. 9.00 Crore						
	EMP Budget	Rs. 0.40 Crores							
	Cost of OH&S	Rs. 0.07 Crores							
5.	Basic Requirements of the Project								
	Fresh Water	Existing	For Expansion	Total					
	(m3/ day)	60KLD	430 KLD	0 490 KLD					
_	Source: HWRA								
		Existing	For Expansion	Total					
		140KW	290KW	430KW					
	Power	Source: UHBVN (Uttar Haryana Bijli Vitran Nigam) DG sets as backup: 250 KV A (existing) 250 KVA (proposed)							
		Existing	Proposed expansion	Total	Fuel				
	Boiler	1 boiler of 900		1 boiler of					
		Kg/Hr		900 Kg/Hr	HSD				
		Capacity		Capacity	Fired				
L	Fuel	HSD							
	Manpower	Existing	For Expansion	Total					
		5	7	12					

Production Capacity

Existing Proposed Total Capacity after

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1403842/2021/Estt.Br Product	
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tt.Br		Expansion	
	Capacity	Capacity	expansion
Formaldehyde	80TPD	170TPD	250 TPD

Raw Material Detail

The major raw material is Methanol which comes in road tankers from Kandla Port, Gujarat & stored in underground M'S tanks. Methanol requirement for the existing unit is 40 TPD and after expansion, total 125 TPD will be required.

Raw	Existing	Proposed	Total
Material	Requirement	Requirement	Requirement
Methanol	40TPD	85TPD	125 TPD

Project Benefits

- The setting up of the proposed plant will help in providing employment in priority to local people.
- There will be an increase in indirect employment and earnings of the small time shop owners like tea vendors, transporters, etc.
- The Project proponent has planned to contribute in socio-economic development
 of the area and will organize Blood donation camps. Education Programs, Health
 camps, Health awareness programs etc. and will continue to do so.
- The easy availability of infrastructure, manpower, raw materials will reduce the production cost as well as demand supply gap.
- The development of greenbelt in and around the plant premises will improve on the aesthetics of the area. Moreover, it will help in reducing the noise levels within the plant boundary.

Mitigation Measures for Control of Pollution

Air Pollution Control Measures

- Online Stack Monitoring System 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.
- To control the air emissions from D.G. Set, stack height of 6.0 m shall be provided.
- Green belt will be developed on 33.33% area of the total project area which will help in attenuating the pollutants emitted by the plant.
- Adequate measures for control of fugitive dust emissions will be taken.

Waste Water Treatment

There will be no waste water discharge from the plant. Zero Liquid Discharge (ZLD) concepts to be adopted. Domestic effluent will be discharged through

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1403842/2021/EsttBic tank followed soak pit.

Noise Pollution Control

- Vibrating pads & acoustic enclosure will be provided to noise generating equipment to control noise level within norms.
- · Latest technology and utmost care will be taken at the time of equipment/ machinery installation.
- · Lubrication of moving/ rotating part or component of machineries will be done on regular basis.
- · The operators working in the high-noise areas will be provided with ear-muffs or plugs.
- Acoustic enclosures and silencers will be provided to the equipment wherever necessary.
- Proper green belt will be developed to reduce the noise level.
- · Thus, it is envisaged that there will not be any adverse impacts of noise. The greenbelt developed within the premises will have significant beneficial impacts on reduction of noise within the periphery and outside the boundary.

Land Pollution Control

- The plant will implement zero level discharge concepts. The treated water will be recycled in the process. Therefore, there will not be any negative impact on soil.
- · No toxic /waste water will be disposed directly on land.
- Other hazardous solid wastes will be sent to authorized recycler or vender.
- It is envisaged that there will not be any major impacts on land environment during the operation phase.

Solid & Hazardous Waste Generation and Disposal

- Used Oil generated will be sold to authorised recycler.
- Solid waste from evaporator will be sent to TSDF.

All the Solid & hazardous waste generated, will be collected, stored separately and disposed off as per the guidelines issued by CPCB & Haryana State Pollution Control Board.

Environmental Management Plan (EMP)

The total capital investment on environmental control measures is envisaged to be about Rs 0.40 Crores out of a total expansion project cost of Rs 9.0 Crores. Details are given in below table:

S.No.	Component	Budget in Rs (Lakhs)	Recurring Cost (per year)
1	Stack with Online Monitoring System	12	2
2	Air Pollution Control- Wet Scrubber	8	1
3	Evaporator	10	0.5
4	Rain Water Harvesting Pit	5	0.2
5	Green Belt Development	3	0.3
6	Occupational Health and Safety	2	0.2
	Total	40 Lakhs ~0.40 Crores	4.2 Lakhs
		• ^	An

1403842/202tt/EsttrBrWild Life Sanctuary or National Park within 10 km radius of the Project Site hence no NBWL Clearance required. No forest land involved within the project site.

Demography & Socio-Economic Environment

- Improvement of infrastructure, transportation, health care and education facility.
- Direct and indirect employment will be generated like business, contract works and development work like roads, etc. and other welfare amenities such as medical facilities, conveyance, free education, drinking water supply etc.
- The impact of employment opportunities will not be significant due to low level
 of education and skills in the area which will result in sourcing skilled work
 force from outside the immediate area.
- Skill based training to local employed people will be given by project proponent.
- The interaction and intermingling of all these people will improve the understanding of various cultures and will definitely improve and s-engthen friendliness, brotherhood and unity among them.

After the presentation, Regional Officer, HSPCB and ADC, Rohtak requested the participants to raise their suggestions, objections, views, queries and doubts about any problem which may arise from the project.

Sr. No,	Name & Address of the Person	Detail of query/ statement/information/ clarification sought; by the persons present	Reply given by Project Proponent
1	Sh. Vinod Kumar, Vill- Ismaila, District Rohtak	He asked about the benefit from the project to his village- Ismaila	The Project Proponent replied that the budget allotted under CSR scheme will be incurred in the village for common cause of villagers.
2	Sh. Kaliram, Vill-Ismaila, District Rohtak	He asked that from this project other benefits to the villagers may also be intimated.	The Project Proponent replied that direct or indirect employment such as skilled/unskilled labour, drivers will also be hired from the nearby villages.
3	SDM Sampla	She asked the participants to raise any doubt regarding air emission, waste generation such as solid waste, liquid waste, hazardous waste from the unit.	The Project Proponent replied that it is a ZLD unit and the water is being used for cooling purpose only and will be recycled completely. Further oil fired boiler is installed and proper stack height has been given for proper dispersion of air emission and wet scrubber and online monitoring devices will be installed to control the any type of emission from the unit. He also explained that solid waste/hazardous waste generated from the unit will be handover to authorized agency of PCB as per guidelines/rules of CPCB.
4	SDM Sampla	What the use of the product of unit.	The Project Proponent replied that formaldehyde is being used in different type

2021	/Estt.Br		of unit such as ply board units, laminate and other related units.
5	RO, HSPCB	Detail of offsite/onsite emergency plan of the unit	The Project Proponent replied that offsite/onsite emergency plan has been prepared as per Manufacture, Storage and Import of Hazardous Chemicals Rules 1989. The raw material is methanol which is stored in underground tank with proper lining to control any seepage from the tanks Further fire fighting equipments along with alarming system has been provided to control any accident. Employees has been trained and onsite/offsite emergency plan has been displayed at various locations in the unit. The plan will be executed after approval of District Administration.
6	Sh. Ravinder Yadav, AEE, HSPCB	He asked about the detail of rain water harvesting provided by the unit.	The Project Proponent replied that as per CPCB guidelines rain harvesting is not allowed in chemical units, however the rain water of roof top and gardening area will be stored in the underground tank provided and the water will be used in the unit in the process.
7	Sh. Ravinder Yadav, AEE, HSPCB	He asked about the storage of raw material as methanol is explosive substance.	The Project Proponent replied that methano is being stored in underground tank with proper lining to prevent any seepage from the tanks as per MSIOH Rules 1989. Th handling of raw material is totally automati- and there is no chance of any leakage/accident in the area.
8	ADC Rohtak	air pollution, water pollution and hazardous waste.	Further to control generation of methanol/formaldehyde vapours, we scrubbers will be installed to control the same. Regarding generation of effluent water is only being used for cooling purpose and is being completely recycled to cooling towers. There is no use of coal/solid fuel in the project only oil is used in the small boiler for initially heating of raw materia and proper APCM has been installed to control air emission. No hazardous waste will be generated from the process, only used oil will be generated which will be handed over the authorized vendors.
9	ADC Rohtak	He asked that how to ensure that from this project there is no harm to the villagers/the crops.	The Project Proponent replied that we will implement the environment management plan and conditions imposed during grant of environment clearance by MOEF. Furthe we assure you that 33% green belt will be developed all around the project and proper care will be taken to implement the EMI report.

At the end Worthy ADC, Rohtak-cum-Chairman Public Hearing again asked the public, if they have any questions/ queries to which they said that they don't have any more queries. As there were no further questions, RO, HSPCB closed the ceremony of Public Hearing with the permission of ADC, Rohtak-cum-Chairman Public Hearing.

The attendance sheet of the participants and Officers present in public hearing are attached as **Annexure A & B**. The photographs and videography of public hearing is provided in PAN Drive and the same is attached as **Annexure-C**.

At the end of the Public Hearing, Worthy ADC, Rohtak-cum-Chairman thanked the participants for attending the hearing.

Public hearing was concluded with a vote of thanks to the chair.

Sh. Mahender Pale Additional Deputy Commissioner, Rohtak

Dinesh Yadav, Regional Officer HSPCB, Bahadurgarh

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