Proceedings of the Public hearing conducted on 09.01.2024 at 11:00 AM in connection with the application filed by the Executive Engineer Rupnagar, Drainage cum Mines & Geology, WRD Punjab for obtaining Environmental Clearance under EIA notification dated 14.09.2006 for mining of minor minerals in the revenue estate of village Dayapur, Tehsil Nangal District: Rupnagar.

The following were present to supervise the proceedings.

1. Ms. Anamjyot Kaur,
   SDM Nangal,
   Rupnagar

2. Er. Anuradha Sharma,
   Environmental Engineer,
   Punjab Pollution Control Board,
   Regional Office, Rupnagar.

Apart from the above officers, Er. Harshant Kumar, XEN Mining, Rupnagar and Er. Lakhdeep Singh, SDO, Mining were also present.

At the outset of the public hearing, it was observed that public/ people were standing outside the tent within the mining site and refused to come inside. They also refused to mark their attendance on register kept outside the hearing venue., Environmental Engineer, Punjab Pollution Control Board, Regional Office, Rupnagar requested people from adjoining towns/villages to come inside and sit so as to start the public hearing, but no one came inside and sit for attending hearing proceeding. Later, SDM Nangal-cum-Supervising officer arrived at site and also requested people but they agin refused.

The supervising-cum-presiding committee then decided to brief public about project and the Environmental Consultant engaged by XEN, Mining was requested to elaborate the main features of the project and the draft EIA study report.

She explained that Executive Engineer Rupnagar, Drainage cum Mines & Geology, WRD Punjab has proposed to setup mining project for mining of minor minerals @ 240809 TPA in an area of 27.08 hectare in the revenue estate of village Dayapur, Tehsil Nangal District: Rupnagar. The Environmental Consultant gave details of project, which are as under.

Name of the Project	Sand Mining Project
Location	Village- Dayapur, Tehsil & District Rupnagar, State Punjab
Project proponent	Harshant Kumar, Executive Engineer, Rupnagar **Contact no**.8872240486 **Address**- Office of Executive Engineer/Rupnagar, Drainage-Cum-Mining and Geology Division, WRD, Punjab, Rupnagar, Room No. 145, District Administrative Complex, Rupnagar **Email**- XenMiningRopar@gmail.com
TOR Letter	Standard ToR-SEIAA/PB/MIN/2023/TOR/21 dated 11.09.2023 Additional ToR- SEIAA/MS/2023/1481 dated 18.09.2023

Features within 10km Radius	**i.**	**Archaeological important places**	Nil
	ii.	**Wild life sanctuaries**	Nil
	iii.	**Reserved/Protected forest**	Nil
	iv.	**Historical Places**	Nil
	v.	**River/Canal**	Swan River
	vi.	**Industries**	Nil
	vii.	**Biodiversity Heritage Site**	Nil
Total Land	27.08 Ha		
Quarry area	24.44 Ha		

Production Table

	Year	Site No.	Mineable area (Total area- Safety area= Mineable area in M^2)	Depth (3m Slice Depth)	Production (Saleable Quantity of Sand) tonnes/year
	First	1st	09	52332	1.52	51544
			10	192156	1.52	189265
	Second	2nd	09	52332	1.52	51544
			10	192156	1.52	189265
	Third	3rd	09	52332	1.52	51544
			10	192156	1.52	189265
	Total					**722427**

Product:	Sand
No. of Workers	67
Cost of the Project (Rs.)	Rs. 10.11 Crores (Approximate)

Cost on EMP

Sr No.	Description	Capital cost (lakhs)	Recurring cost (lakhs per annum)
1	Provision of Septic Tank	10,000	3,000
2	Handling of Solid waste	10,000	5,000
3	Greenbelt Development (with tree guards) (Plantation cost 27.08 Ha x 50 saplings/Ha = 1354 saplings @ Rs.1000 per sapling)	13,55,000	0
4	Dust Suppression Activities	2,50,000	2,00,000

		miscellaneous		
	6	Environmental Monitoring (Air, Water Soil etc.).	50,000	50,000
	7	Rain Water Harvesting & recharging	---	---
	8	Regular health check-up camps for the workers engaged in mines shall be organized.	15,000	7,000
		TOTAL	**17,00,000/-**	**2,72,000/-**

Additional Environmental Responsibilities
Rs. 3,61,214 (Rs. 0.5 per MT of Total quantity= 722427*0.5)

Power Requirement	The material will be excavated by open cast semi mechanized method and loaded directly into tractors by the workers themselves. The operation will be done only from sun rise to sun set. So there is no power requirement for the mining activity.
Water Consumption (KLD	Total water requirement is estimated to be 2.10 KLD.

Purpose	Total water demand (KLD)
Drinking	3.4
Dust Suppression	2.75
TOTAL	**6.15**

Sewage Treatment Technology	Not proposed as there will be no significant sewage generation
Ambient Air Quality	Baseline monitoring for the period of April- June 2023 has been considered. Average values of ambient air result at project location are found to be: PM10 = 62 µg/m3, PM2.5 = 34 µg/m3, SO2 = 7 µg/m3 and NO2 = 22 µg/m3. The baseline air quality levels as per the National Ambient Air Quality Standards prescribed for residential and industrial area (Standards are 100, 60, 80 and 80 µg/m3 for PM10, PM2.5, SO2 and NO2 respectively). The levels of particulate dust (PM10 & PM2.5), SO2 and NO2 are within the prescribed limits.
Water quality	Total 8 groundwater samples (7 within the study area and 1 at project location) were collected in the 10 km of study area for chemical and biological analysis. The groundwater qualities of the study area is satisfactory. No metallic or bacterial contamination was found in the water quality.
Noise environment	Ambient noise levels were also monitored at 8 locations within the 10km radius of the project site. Noise levels recorded within project premises during day time are 52.1 dB(A) and during night time 40.8 dB(A). The obtained noise level is well within prescribed limits for industrial area.

Soil environment	Total 8 soil samples (7 within 10 km study area and 1 at project location) were collected and analyzed. The texture of soil is sandy clay. The organic matter, nitrogen, potassium and phosphorus content of the soil are moderate. pH of all the soil samples is within the acceptable range. No impact on soil will be there due to expansion of the project.
Air Pollution Control	• Loaded vehicles will be covered with tarpaulin. • PUC certified vehicles will be used. • Overloading will be avoided.
	• Plantation will be carried out along the approach road and vicinity area. • Periodic air quality monitoring will be done and adequate measures will be done.
Noise Control	• Proper maintenance of vehicles will be done on regular basis. • Necessary Personnel protective equipment will be provided to the workers. • Adequate silencers will be provided in all the diesel engines of vehicles. • Minimum use of horns and speed limit of 10km/hr in the village area. • Plantation will be carried out along the approach road and vicinity area
Health & Safety	• Labours will be made aware of the ways of working and safety measures. • Medical facilities & first aid boxes along with anti-venom will be provided in the mine premises. • Health Awareness Programmes and camps shall be arranged for local villagers
Monitoring Cell	Monitoring to be done by the Cell consisting of: 1. Owner 2. Project In-charge 3. Environment Consultants
CER/Additional Environmental Activities	Additional Environmental Responsibilities (Rs. 0.5 per MT of Total quantity= 722427*0.5) = For the proposed semi-mechanized mining project at Village Dayapur, an additional amount of Rs. 3,61,214/- will also be earmarked for development of greenbelt in and around the project area.

Thereafter, Environmental Engineer, Punjab Pollution Control Board, Regional Office, Rupnagar brought into notice of public present at the venue of hearing that as per the provision of EIA notification, 2006 as amended from time to time, the persons present at the venue may seek any information or clarification on the proposed project from the project promoter and may also raise objections, if any. It was also brought into the notice of the persons present there that the information or clarification or objections raised 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. But, nobody asked specific questions about the mining site and showed their resistance regarding any mining activity. They reported that they all are against mining at this site.

Thereafter, the Environmental Engineer, Punjab Pollution Control Board, Regional Office,

Rupnagar requested the public to raise their hands who are in the favor of this project, no one raised their hands in favor of mining project. She then asked the people to raise their hands who are not in the favor of this project and almost 100% of the people raised hands in opposition of mining. The public hearing was attended by 120-150 people, but only 4 people signed on attendance register.

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

Ms. Amanjyot Kaur,
SDM Nangal,
Rupnagar

Er. Anuradha Sharma,
Environmental Engineer,
Punjab Pollution Control Board,
Rupnagar.