

SCHEDULE-VIII
Decision on IEE

1. Name & address of Proponent:-

Mr. Sajid Mehmood Project Manager of M/s ZKB,
KP PRIP-Construction/Rehabilitation and Improvement of
Shamozai Bagh Dherai Road Project.
Contact # 0344-1013013/ 0300-1013013

2. Description of Project:

The project involves the installation and operation of an Asphalt Plant, namely ZKB Asphalt Plant Barikot, located near Gamon Bridge, Tehsil Barikot, District Swat, Khyber Pakhtunkhwa. It is a temporary-based project with its primary objective being the production of high-quality asphalt mixes to meet the demand for road construction. Furthermore, the plant is exclusively dedicated to the following projects:

"1. Rehabilitation and Improvement of Shamozai to Bagh Dherai Road (57 Km) in District Swat" and "2. Mingora Greater Water Supply Scheme." These projects have been awarded to M.S. ZKB by the Government of Khyber Pakhtunkhwa and are funded by the Asian Development Bank.

The Asphalt Plant Project will have a state-of-the-art Asphalt mixing Facility, modern pollution control technology including wet scrubbers and dry filters, efficient storage and handling systems for raw materials, advanced emission control measures, strict safety protocols, and an environmental management plan. It will be situated on 20 Kanals of land and have a total production capacity of 280 tons/hr.

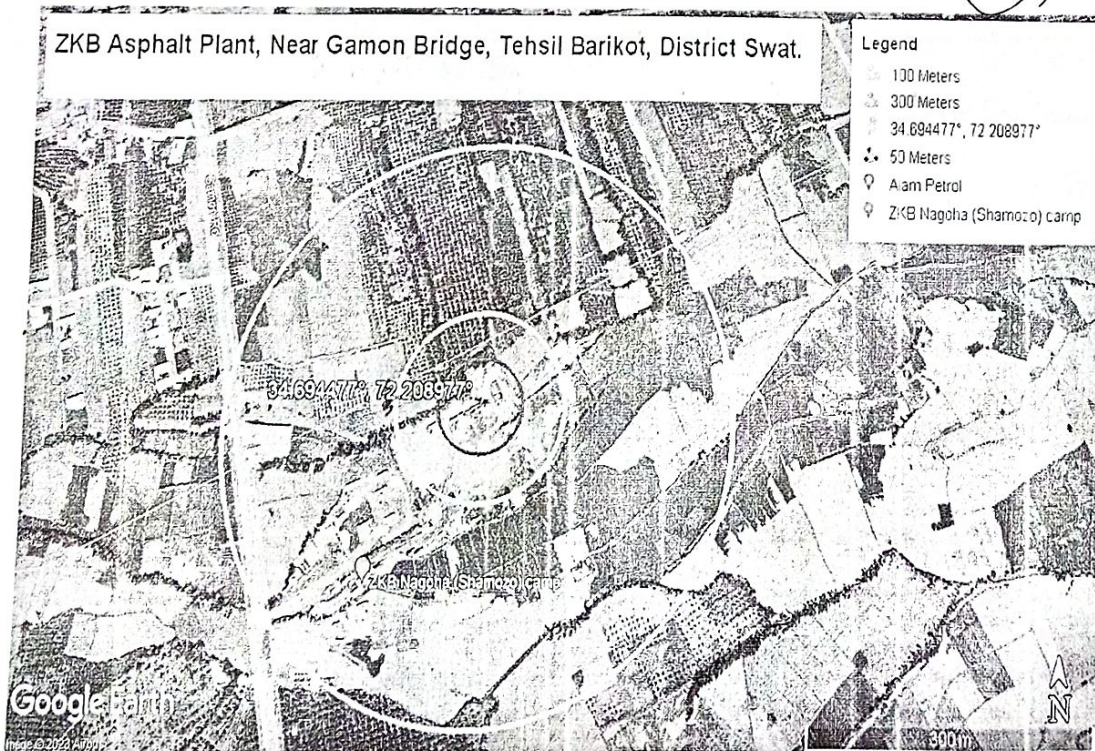
3. Location of project:

The project site is located at Village Nagoha, Near Gamon Bridge Tehsil Barikot & District Swat- Khyber Pakhtunkhwa.

GPS coordinates

Asphalt plant : 34.694517°N, 72.208986° E

Google Earth Map:



4. Date of filing of IEE:

03-08-2023

(Ref: EPA ROS Diary No.4189)

5. After careful review, the Environmental Protection Agency, Regional Office, Swat Government of Khyber Pakhtunkhwa, has decided to grant construction phase Environmental Approval for the Initial Environmental Examination (IEE) Report of the project titled " **ZKB Asphalt Plant (Temporary) located near Gamon Bridge, Barikot District Swat** ". This decision is in accordance with the guidelines issued by the Khyber Pakhtunkhwa Environmental Protection Act, 2014, and the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021. The approval is subject to the following terms and conditions:
- a) The proponent must adopt and implement all precautionary and mitigation measures identified in the IEE report, commitments made in subsequent correspondence, and address any unanticipated impacts during the construction and operation phases of the project.
 - b) All effluents, emissions, and noise, if any, must remain within the permissible limits defined by the National Environmental Quality Standards (NEQS).
 - c) The proponent shall install advanced and efficient pollution control technology, incorporating advanced wet scrubbers and dry filters system, as well as a wastewater treatment mechanism to ensure compliance with the prescribed limits of NEQS for air emissions and wastewater discharges.
 - d) The asphalt plant shall utilize environmental friendly, low-sulfur, and low-emission fuels to reduce sulfur dioxide (SO₂) and nitrogen oxides (NO_x) emissions and maintain compliance with NEQS. Fuel quality records shall be included in the compliance report.
 - e) Hazardous waste materials and chemicals, such as contaminated soil, chemical solvents, residual asphalt, contaminated water, used filters, empty chemical containers, and waste packaging, must be safely handled and disposed of in compliance with relevant regulations and protocols to ensure environmental safety.
 - f) Municipal solid waste from the project must be collected and disposed of properly at the TMA designated dumping site.
 - g) Implement odor control measures at the asphalt plant to minimize environmental impact and prevent odor nuisance to the public.
 - h) No nuisance by way of noise, dust, odor, soil and ground water contamination shall be caused to the public and surrounding environment during construction and operation of the project.
 - i) Implement safety measures on the project premises, including emergency exits, fire extinguishers, alarms, proper housekeeping, and demarcation/labeling each point, etc.
 - j) Personal protective equipment shall be provided to all workers to ensure health and safety with a first aid box for emergency medical coverage.
 - k) Septic tanks must be constructed to treat domestic waste water within the premises of the project.
 - l) Safely transport materials with no spillage on road networks. Ensure adequate on-site parking and loading/unloading facilities.
 - m) All electric motors/devices such as pumps, compressor and generator must be housed in sound proof enclosures to keep safety and all noise level must be kept within the permissible limits of National Environmental Quality Standard (NEQS).
 - n) Precautionary/ Warning sign boards and environmental related messages must be mounted at appropriate sites. Additionally, display a gate signboard with project and proponent/site incharge details for public information.
 - o) Construct Boundary wall/ fencing/ green nets for protection of the surrounding area and to visually screen the plant and mitigate its visual impact on the surroundings.
 - p) A minimum of 100 plants or trees of local species shall be planted along the boundary wall and available spaces within the project area.
 - q) The Asphalt plant proponent must take all necessary measures to prevent any harm to the neighboring LPG filling and storage plant. Any identified risks or concerns must be addressed promptly, including the suspension of Asphalt plant operations if necessary. In case of incidents or damages caused by the Asphalt plant, the proponent will be legally liable for compensation and restoration.

- r) Maintain transparent & proactive communication with the local community on environmental issues and complaints. Establish a redressal and feedback mechanism and keep records.
- s) Provide local employment in non-technical jobs.
- t) The premises must be kept clean at all time with good housekeeping a well design sprinkling/watering system must be installed/ implemented to prevent the dust pollution from premises and unpaved access road under the use of the project.
- u) The plant is temporary based and should have a duration equivalent to the 'initial life of specified projects (as outlined in letter No. ZKB-TT. Sh-Insaat(JV)KPCIP/Mingora/Lot-2/2023/213 dated 28/09/2023) but not exceeding three (03) years. It must cease operations after this specified period. Any extended or future use of the Asphalt plant for other projects is not allowed and requires a prior Environmental Impact Assessment (EIA) and regulatory approval.
- v) A copy of this approval and IEE report shall be provided to the contractor/operator at the Asphalt Plant site for information & implementation, and a biannual (six month) performance/compliance report along with EPA approved laboratory analysis reports shall be submitted to this Agency by the proponent.
6. The proponent shall be liable for the correctness and validity of the information provided to the EPA in the IEE report and subsequent correspondence.
7. EPA will regularly visit the project site. The proponent must facilitate monitoring and comply with additional EPA conditions if required.
8. The proponent shall be liable for compliance of Rules 14(2), 15, 18, 19 and 20 of Khyber Pakhtunkhwa Environmental Assessment Rules 2021, regarding approval, confirmation of compliance, validity, entry, inspections and monitoring.
9. The proponent must notify the EPA authorities in writing of the construction/installation commencement date and the start of operations for monitoring purposes.
10. This approval is accorded only for the installation/ construction/implementation phase of the project; **the proponent will have to obtain separate approval for the operation phase** in accordance with Rule-15 of the KP-Environmental Assessment Rules, 2021. However, a compliance report related to National Environmental Quality Standards (NEQS) must be submitted prior to obtaining operational approval for the Asphalt plant.
11. Any alteration or expansion of the approved project shall be communicated to EPA and shall be commenced after obtaining the approval; likewise, no other activities should be undertaken other than what is stipulated in the IEE Report.
12. This approval shall be treated as null and void under rule-21 of the Rules ibid if all or any of the conditions mentioned above is/are not complied with.
13. This approval does not absolve the proponent of the duty to obtain any other approval or clearance that may be required under any law in force from any other Agency.
14. There shall be no legal case pending in the courts against the project.
15. In exercise of the powers conferred upon the undersigned under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the IEE Report for the construction phase of the project with the above mentioned terms and conditions.

Dated: Swat/ 11 / 10 /2023

Tracking/File. No. EPA/ROS/ IEE/ZKB Asphalt Plant Barikot/Swat/ 119

Tracking Code:




Director(Malakand)
EPA,RegionalofficeSwat
KhyberPakhtunkhwa

<https://epakp.gov.pk/environmental-approvals/>