

SCHEDULE-V

Decision on IEE

1. **Name, address of proponent:** Mr. Ashraaf Qadir Khattak,
M/S Abdul Qadir Khattak,
Chief Executive Officer,
M/S Water and Sanitation Services-
Company Mardan (WSSCM).

2. **Description of project.** Water and Sanitation Services Company Mardan (WSSCM) is going to establish an Integrated Resource Recovery Centre (IRRC), near Sewage treatment Plant facility, Chukaro Pull, Rorya, Mardan. The project is funded by Norwegian Churuch Aid (NCA). The main purpose of the project is to improve the solid waste management, segregate the waste, utilize the reusable and recyclable products as well as compost the organic waste. This IRRC will process about 5-10 tons of waste generated in vegetable market of Mardan and some residential areas. The Unit will be established on area of 05 Kanal.
(GPS Coordinates:
N 34.168663, E 72.055917

3. **Location of project.** The project is located at District Mardan.
4. **Date of filing of IEE.** 27/08/2019
Ref. (EPA Diary No. **703**)

5. After careful review, the Environmental Protection Agency, Govt. of Khyber Pakhtunkhwa has decided to accord approval of the Initial Environmental Examination (IEE) of **“Integrated Resource Recovery Centre (IRRC), near Sewage treatment Plant facility, Chukaro Pull, Rorya, Mardan”** in line with the Khyber Pakhtunkhwa Environmental Protection Act, 2014 and IEE/EIA Regulations, 2000 subject to the following terms & conditions:-
 - a) The proponent shall adopt all precautionary and mitigation measures identified in IEE Report, replies submitted to this Agency in response of observations as well as any unanticipated impacts during the construction and operation phase of the project.


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- b) Emissions shall be kept within the permissible limit of National Environmental Quality Standards (NEQS).
- c) A green belt shall be formed in the form of two parallel rows of trees running along the boundary wall for control of dust odor and noise pollution.
- d) The gaseous emissions from the plant during the composting process may potentially affect the ambient air quality. The ambient air quality shall periodically be monitored in the vicinity of the plant to ensure that the concentration levels of the gases are within the permissible limits.
- e) Water sprinkling shall be carried out where required to reduce the public nuisance caused by the dust emissions.
- f) The composting pad shall adequately concrete and connected to drains to ensure that there is no seepage of effluent into the ground. The drains carrying the effluent shall properly be concreted to prevent any seepage into the ground and channel leachate into a concreted pond.
- g) Effective aerobic composting conditions shall be maintained. In addition, de-odorizing agents shall be used where needed to suppress the offensive odors. Odor measurements shall be carried out regularly.
- h) Spraying of appropriate environmental friendly insecticides shall be carried out to kill/repel the insects and reduce their threat as a nuisance to the surrounding communities as well as to their agricultural activities.
- i) Most of the non-biodegradable (inert) waste such as metals and glass shall be separated from MSW for recycling; however, a small portion of the inert waste that cannot be recycled shall be disposed off in environment-friendly manner.
- j) All vehicles, generators and other equipments shall be properly tuned and maintained in good working condition in order to minimize emission of pollutants.
- k) The vehicles and construction equipment shall have appropriate and properly functioning exhaust mufflers (silencers). The noise levels shall be monitored during the construction phase.
- l) Unauthorized access to the plant shall not be allowed, and the defensive driving practices shall be promoted among the project drivers.
- m) The MSW trucks shall be appropriately covered/sealed and the waste spillage on the roads during the transportation shall be prevented.
- n) Health certificates of waste water at the plant shall be submitted to this Agency after every six month.
- o) Boundary wall of the Plant shall be erected high enough in order to avoid odor and noise pollution.
- p) The storage time of the waste collected at the Plant shall not more than 24 hours.

6. The proponent shall be liable for correctness and validity of the information supplied by the environmental consultant.
7. The proponent shall be liable for compliance of Sections 13, 14, 17 and 18 of IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspections and monitoring.
8. This approval is accorded only for the installation/ construction phase of the project. The proponent will obtain approval for operation of the project in accordance with the Section 13 (2) (b) and Section 18 of the IEE/EIA Regulations, 2000. The proponent must inform EPA, when construction phase is completed.
9. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
10. This approval shall be treated as null and void if all or any of the conditions mentioned above is/are not complied with.
11. 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.
12. There is no legal case pending in the courts against the project.
13. In exercise of the power under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the IEE Report for **"Integrated Resource Recovery Centre (IRRC), near Sewage treatment Plant facility, Chukaro Pull, Rorya, Mardan"**.

Dated: Peshawar 10-2-20

Tracking/File.No. EPA/IEE/Waste-Recycling/Integrated/Mardan/20/569-70


**DIRECTOR GENERAL,
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