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## Gomal Zam Irrigation Project

The project seeks to provide flood control and round-the-year supply of irrigation water in the Tank and Dera Ismail Khan (D.I.Khan) districts of Khyber Pakhtunkhwa (KP). Through this project, USAID funds construction of an irrigation and drainage system downstream from the Gomal Zam Dam situated in South Waziristan. When completed, the irrigation system will provide nearly 325,000 acre-feet of water annually to irrigate 191,000 acres of farm land in KP. The project will lead to increased crop yields, opportunities for the cultivation of high-value cash crops, and significantly higher incomes for farmers in the region. Business development, trade, and employment opportunities for 30,000 Wazir and Masud households, most of whom are nomadic, should also increase.



### OBJECTIVES

The project aims to increase agricultural production, employment, and incomes in Tank and D.I Khan districts of Khyber Pakhtunkhwa through the construction of irrigation and drainage infrastructure.

### MAIN ACTIVITIES

- Design of the irrigation and drainage system downstream from the Gomal Zam Dam.
- Construction of an irrigation system including a diversion barrage, a 60.5-kilometer long main canal, and a 204-kilometer long network of distribution canals.
- Construction of flood protection structures including a 42-kilometer flood protection bund and a 48-kilometer flood carrier canal.
- Construction of a 186-kilometer long system of drainage lines.
- Construction of 860 bridges, falls, outlets, regulators, inlets, and other structures for the irrigation and drainage system.
- Providing gravel surfacing for 266 kilometers of roads along the main and distribution canals.



Lining a new canal at Gomal Zam Irrigation Project

## RESULTS TO DATE

- Design of irrigation and drainage infrastructure has been completed.
- 98% of the diversion barrage as well as 54 kilometers of the main canal (90% of the total) and 160 kilometers of distribution canals (78% of the total) have been built.
- The flood protection system, including 42-kilometer long protection bund and a 48-kilometer long flood carrier canal, has been completed.
- 167 kilometers of drainage lines (90% of the total) built.
- 520 irrigation and drainage structures (60% of the total number) constructed.
- 75 kilometers of road along the main and distribution canals have been surfaced with gravel (28% of the total length planned).