

MIRANI DAM PROJECT

1) Location:

THE DAM IS LOCATED ON RIVER DASHT, ABOUT 40 KM WEST OF TURBAT IN MAKHRAN DIVISION OF BALUCHISTAN.

2) Scope of Work:

- RESERVOIR
- DAM EMBANKMENT
- SPILLWAY
- INTAKE STRUCTURE
- IRRIGATION CONDUIT
- OUTLET CONTROL STRUCTURE
- IRRIGATION SYSTEM
- PERMANENT ACCESS ROAD TO DAM SITE
- ACQUIDUCT CUM BRIDGE.

3) Objectives/ Benefits:

- Irrigation Canal System of 281 miles network for irrigating 33,200 Acres of land.
- Marketing of agriculture products.
- Improving Standard of Living, resulting from the increased economic activities and variety of food production.
- Employment opportunities during construction, maintenance and operation of the Project.
- Water for the domestic use in the area.
- Fisheries development in the Mirani Dam Reservoir.
- Socio-Economic development of the area.
- 40 km metalled road connecting Turbat to Dam Site area.
- Flood protection.

4) Date of Commencement:	15.06.2002.
5) Date of Completion	30-06-2007.
6) a) Project Cost as Per PC-1	5811 Million.
b) Cost of Resettlement Action Plan as Per PC-1 of RAP	1687.857 Million.

7) Salient Features:

- **Dam.**
 1. Type Concrete Faced Rock fill Dam
 2. Maximum Height 127 ft

- 3. Length at Crest 3,080ft.
- **Reservoir**
 - 1. Gross Storage 302,000 A.ft
 - 2. Live Storage 152,000 A.ft.
- **Spillway**
 - 1. Type Un-gated Ogee type
 - 2. Maximum Capacity 421840 cusecs.
- **Outlet**
 - 1. Diameter 6 ft.
 - 2. Capacity 377 Cusecs
- **Irrigation System**
 - 1. **Right Bank Canal** Length: 13.5 miles, Type: Gravity lined Channel, Capacity: 236 Cusecs, Area to Be irrigated 20800 Acres, having 4 Distries, 14 Minors and 118 Watercourses.
 - 2. **Left Bank Canal** Length: 11.3 Miles, Type: Gravity line Channel, capacity: 141 Cusecs, Area to Be Irrigated: 12,400 Acres having 4 Distries, 14 Minors and 75 Watercourses.
- **Average Cropping Intensity** 85%
- **E.I.R.R** 12%

8) Present Status / Progress:

(Pictures attached)

- DAM EMBANKMENT COMPLETE
- SPILLWAY COMPLETE
- IRRIGATION SYSTEM COMPLETE
- ACQUEDUCT CUM BRIDGE COMPLETE
- INTAKE STRUCTURE COMPLETE

9) In Charge Of the Project:

(Mr.Akhtar Hidayat Khan)
Project Director
Mirani Dam Project
WAPDA, Turbat

10) Updated up to May 31, 2010