

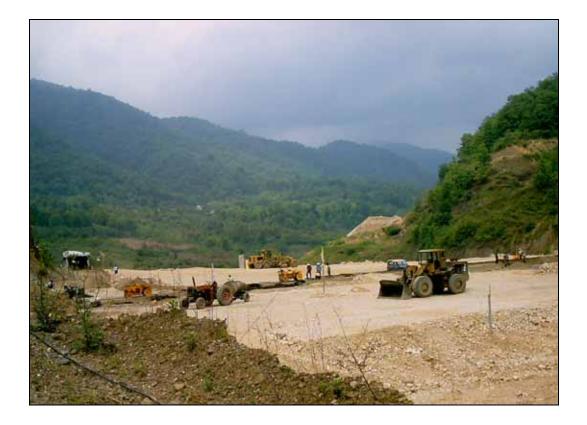
| Project Name | Meyjaran Dam |
|-------------------------------|--------------------------------------|
| Project location | IRAN- RAMSAR |
| Client | Mazandaran & Golestan Regional Water |
| | Authority |
| Contractor | Cotra Co. |
| Dam Type | Homogeneous(clay) |
| Height above foundation | 32 (m) |
| Crest level (above sea level) | 153 (m) |
| Crest length | 622 (m) |
| Capacity of the Reservoir | 40,000,000 m ³ |
| End of construction | June 2004 |

GENERAL VIEWS OF THE DAM DURING CONSTRUCTION









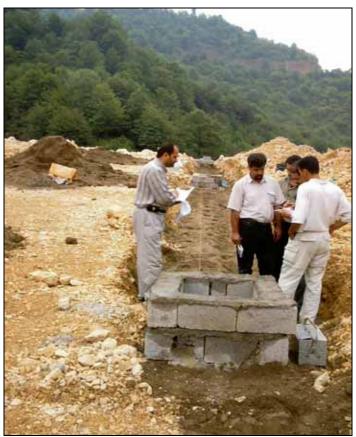






INSTRUMENTS INSTALLED

| Instruments | |
|-------------------------|---|
| V.W. Piezometers | No. 4 (Sisgeo models PK45S) |
| | No. 4 (Sisgeo model L143D) |
| Inclinometer-settlement | No. 3 for total 150 meter |
| casings | (Sisgeo S141 flush coupled ABS casing) |
| Magnet rings | No. 23 (Sisgeo model S131AF60000) |
| Hydraulic | No. 7 DSM gauges (Sisgeo model D422F/R) |
| settlement cells | No. 1 DSM refernce gauges |
| Inclinometer probe with | |
| portable readout unit | No. 1 (Sisgeo model S242SV30) |
| Reservoir water level | |
| pressure transducers | No. 1(Sisgeo model P252R) |
| Casagrande piezometers | No. 15 (Sisgeo model P101) |
| Instrument status | On June 2004 100 % of the instruments were working |
| | Courtesy of Mazandaran & Golestan Regional Water Authority |



Installation of DSM hydraulic settlement system for embankment





Installation of DSM hydraulic settlement system for embankment



DSM hydraulic settlemetnt system – embankment gauge





Installation of DSM hydraulic settlement system for embankment



V-notch for leakage measurements