

Dam: Sidi el Mahjoub

Country Morocco

River Ifrane

29°15'18.67"N 9°26'43.91"W

29.255186 -9.445531

Owner/Client Direction des Aménagements Hydrauliques

Designer/Engineer SCET Maroc

Contractor Direction des Aménagements Hydrauliques

Purpose (code)

Site start 01.01.2006

RCC start 01.01.2007

RCC completion 31.12.2008

Site completion 31.12.2009

Height (m) 22

Length (m) Unknown

Volume of RCC ($m^3 \times 10^3$) 15

Total volume ($m^3 \times 10^3$) 18

Reservoir capacity ($m^3 \times 10^6$) 1

Upstream slope V

Forming of upstream face (code) (5)

Downstream slope 1.00

Forming of downstream face (code) (1) *

Spillway slope 1.00

Forming of spillway face (code) (1) *

Depth of layers (mm) Unknown

Depth of lifts (mm) Unknown

Cement content (kg/m^3) Unknown

Pozzolan content (kg/m^3) Unknown

Code for pozzolan Unknown

RCCDAM Unique Serial No. RCCDAM0661

Completed Dam



RCCDAM0661CD

Google Earth



RCCDAM0661GE

Guide to Abbreviations

Purpose

- E Environmental
- F Flood control
- G Groundwater recharge
- H Flood control
- I Irrigation
- N Navigation
- P Pollution control
- R Recreation
- W Water supply

Facing method

- (1) Traditional concrete against formwork
- (2) Traditional concrete against formwork with external geomembrane
- (3) RCC against formwork
- (4) RCC against formwork with external geomembrane
- (5) Traditional concrete against precast concrete panels
- (6) Traditional concrete against precast concrete panels with geomembrane
- (7) RCC against precast concrete panels
- (8) RCC against precast concrete panels with geomembrane
- (9) RCC against precast concrete panels with hot poured membrane
- (10) RCC against precast concrete blocks
- (11) Reinforced conventional concrete cast before RCC placement
- (12) Reinforced conventional concrete cast after RCC placement
- (13) Reinforced concrete cast against precast units or slip-formed facing elements
- (14) Slip-formed/extruded facing elements
- (15) RCC supported by fill shoulders
- (16) Mechanically compacted unformed face of RCC
- (17) Unformed face of RCC
 - ' GEVR/GE-RCC
 - * Stepped face

Pozzolans

- (-) No Pozzolan Used
- (C) High-lime flyash (ASTM Class C)
- (F) Low-lime flyash (ASTM Class F)
- (M) Milled sand
- (N) Natural pozzolan (ASTM Class N)
- (R) ROLAC (mixture of flyash and slag with or without limestone fines)
- (S) Ground-granulated blast-furnace slag
- (L) Mixture of GGBFS and limestone fines