

Dam: Hervás

Country Spain

River Hervás

40°16'9.39"N 5°49'26.92"W

40.269276 -5.824144

Owner/Client Junta de Extremadura

Designer/Engineer Euroestudios S.A.

Contractor Construcciones y Contratas

Purpose (code) W

Site start 01.01.1989

RCC start 01.03.1990

RCC completion 30.09.1990

Site completion 31.10.1990

Height (m) 33

Length (m) 210

Volume of RCC (m³x10³) 24

Total volume (m³x10³) 43

Reservoir capacity (m³x10⁶) 1

Upstream slope 0.15

Forming of upstream face (code) (1)

Downstream slope 0.70

Forming of downstream face (code) (1) \*  
(5) \*

Spillway slope 0.70

Forming of spillway face (code) (1)

Depth of layers (mm) 300

Depth of lifts (mm) 300

Cement content (kg/m³) 80

Pozzolan content (kg/m³) 155

Code for pozzolan (F)

RCCDAM Unique Serial No. RCCDAM0073

### Completed Dam



RCCDAM0073CD

### Google Earth



RCCDAM0073GE

# 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