Dam:	Boqueron	Country	Spain
River	Rambla del Boqueron	38°31'19.6"N 1°45'44.55"W	38.52211 -1.762375
Owner/Client	Confederación Hidrográfica del Segura		
Designer/Engineer	SYNCOLSULT		
Contractor	Ferrovial		

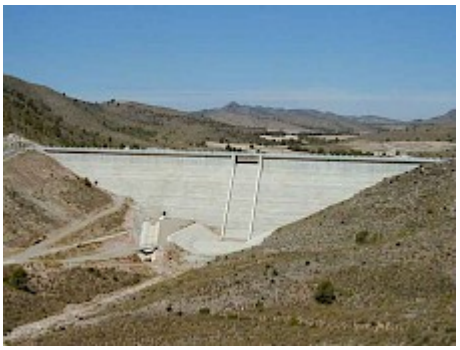
Purpose (code)	F
Site start	01.10.1994
RCC start	01.02.1996
RCC completion	31.08.1996
Site completion	30.12.1997
Height (m)	58
Length (m)	290
Volume of RCC (m^3x10^3)	137
Total volume (m^3x10^3)	145
Reservoir capacity (m^3x10^6)	13
Upstream slope	0.05
Forming of upstream face (code)	(3')
Downstream slope	0.73
Forming of downstream face (code)	(3')
Spillway slope	0.73
Forming of spillway face (code)	(3') *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	55
Pozzolan content (kg/m^3)	130
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0174

Under Construction



RCCDAM0174UC

Completed Dam



RCCDAM0174CD

Google Earth



RCCDAM0174GE

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