Dam:	La Breña II	Country	Spain
River	Guadiato	37°49'37.28"N 5°2'40.36"W	37.827023 -5.044544
Owner/Client	Acuasur		
Designer/Engineer	IDOM		
Contractor	Dragados S.A.		

Purpose (code)	I
Site start	01.06.2005
RCC start	19.02.2007
RCC completion	30.10.2008
Site completion	30.12.2008
Height (m)	119
Length (m)	685
Volume of RCC (m^3x10^3)	1441
Total volume (m^3x10^3)	1600
Reservoir capacity (m^3x10^6)	823
Upstream slope	0.05 0.30
Forming of upstream face (code)	(3') (3')
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	(3') *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	69
Pozzolan content (kg/m^3)	115 & 46
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0417

Under Construction



RCCDAM0417UC

Completed Dam



RCCDAM0417CD

Google Earth



RCCDAM0417GE

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