Dam:	Rialb	Country	Spain
River	Segre	41°56'24.12"N 1°11'34.89"E	41.940033 1.193025
Owner/Client	Confederación Hidrográfica del Ebro		
Designer/Engineer	Juan Benet		
Contractor	Cubiertas y Mzov, S.A.		

Purpose (code)	I W
Site start	01.01.1993
RCC start	01.10.1995
RCC completion	30.12.1998
Site completion	31.01.2000
Height (m)	99
Length (m)	630
Volume of RCC (m^3x10^3)	980
Total volume (m^3x10^3)	1016
Reservoir capacity (m^3x10^6)	402
Upstream slope	0.15 0.35
Forming of upstream face (code)	(1) (1)
Downstream slope	0.40 0.65
Forming of downstream face (code)	(1) (1)
Spillway slope	0.65
Forming of spillway face (code)	(1)
Depth of layers (mm)	330
Depth of lifts (mm)	330
Cement content (kg/m^3)	70 65
Pozzolan content (kg/m^3)	130 130
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0204

Under Construction



RCCDAM0204UC

Completed Dam



RCCDAM0204CD

Google Earth



RCCDAM0204GE

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