Dam:	Portugues	Country	USA
River	Portugues	18°3'44.16"N 66°37'59.66"W	18.062267 -66.63324
Owner/Client	US Army Corps of Engineers, Jacksonville and Department of Natural Resources of Puerto Rico		
Designer/Engineer	USACE, Jacksonville		
Contractor	Dragados USA		

Purpose (code)	F
Site start	03.04.2008
RCC start	22.01.2011
RCC completion	19.05.2012
Site completion	27.12.2013
Height (m)	67
Length (m)	375
Volume of RCC (m^3x10^3)	270
Total volume (m^3x10^3)	310
Reservoir capacity (m^3x10^6)	20
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.35
Forming of downstream face (code)	(3') *
Spillway slope	0.35
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	114
Pozzolan content (kg/m^3)	51
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0541

Under Construction



RCCDAM0541UC

Completed Dam



RCCDAM0541CD

Google Earth



RCCDAM0541GE

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