Dam:	Aslandag	Country	Turkey
River	Bembo	37°20'29.75"N 44°25'57.51"E	37.341599 44.432644
Owner/Client	DSI - State Hydraulic Works		
Designer/Engineer	Su Yapi Engineering and Consulting Inc.		
Contractor	Özdoğan Group		

Purpose (code)	H I W
Site start	01.09.2008
RCC start	01.11.2011
RCC completion	28.02.2014
Site completion	30.11.2014
Height (m)	69
Length (m)	210
Volume of RCC (m^3x10^3)	162
Total volume (m^3x10^3)	202
Reservoir capacity (m^3x10^6)	11
Upstream slope	0.10
Forming of upstream face (code)	(1)
Downstream slope	0.80
Forming of downstream face (code)	(1) *
Spillway slope	0.80
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	1200
Cement content (kg/m^3)	100
Pozzolan content (kg/m^3)	80
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0597

Completed Dam



RCCDAM0597CD

Google Earth



RCCDAM0597GE

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