Dam:	Köroglu Kotanli 1	Country	Turkey
River	Kura	41°10'4"N 42°57'23"E	41.168056 42.956112
Owner/Client	EBD Enerji Üretim. ve Tic. A.S.		
Designer/Engineer	ARQ/Antra		
Contractor	Unal Insaat		

Purpose (code)	H
Site start	01.03.2015
RCC start	01.06.2015
RCC completion	28.02.2017
Site completion	30.04.2017
Height (m)	100
Length (m)	404
Volume of RCC (m^3x10^3)	640
Total volume (m^3x10^3)	680
Reservoir capacity (m^3x10^6)	73
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.60
Forming of downstream face (code)	(3') *
Spillway slope	0.60
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	85
Pozzolan content (kg/m^3)	130
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0669

Under Construction



RCCDAM0669UC

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