Dam:	Toker	Country	Eritrea
River	Toker	15°26'15.81"N 38°50'10.23"E	15.437725 38.836174
Owner/Client	Government of Eritrea		
Designer/Engineer	Natural Resources Consulting Engineers		
Contractor	Keangnam Enterprises, ASI-RCC J.V.		

Purpose (code)	W
Site start	01.11.1996
RCC start	14.02.1998
RCC completion	31.05.1999
Site completion	01.08.1999
Height (m)	73
Length (m)	263
Volume of RCC (m^3x10^3)	187
Total volume (m^3x10^3)	210
Reservoir capacity (m^3x10^6)	14
Upstream slope	V
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)	330
Depth of lifts (mm)	330
Cement content (kg/m^3)	110
Pozzolan content (kg/m^3)	85
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0213

Under Construction



RCCDAM0213UC

Completed Dam



RCCDAM0213CD

Google Earth



RCCDAM0213GE

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