Dam:	Shimenzi	Country	China
River	Taxi	43°51'49.42"N 86°13'45.93"E	43.863728 86.229424
Owner/Client	Shimenzi Reservoir Engineering Management Office		
Designer/Engineer	Department of Hydropower, Qinghua University		
Contractor	Gezhouba Construction Bureau		

Purpose (code)	H I W
Site start	18.06.1998
RCC start	01.06.1999
RCC completion	30.06.2001
Site completion	31.10.2002
Height (m)	110
Length (m)	176
Volume of RCC (m^3x10^3)	188
Total volume (m^3x10^3)	211
Reservoir capacity (m^3x10^6)	80
Upstream slope	0.142 V
Forming of upstream face (code)	(3') (3')
Downstream slope	V 0.18
Forming of downstream face (code)	(3) (3)
Spillway slope	crest
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	93 62
Pozzolan content (kg/m^3)	110 110
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0249

Completed Dam



RCCDAM0249CD

Google Earth



RCCDAM0249GE

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