Dam:	Tongjiezi (with Niurixigou saddle dam)	Country	China
River	Dadu	29°15'22.57"N 103°38'1.35"E	29.256269 103.633705
Owner/Client	Guodian Dadu River Basin Hydropower Development Co.		
Designer/Engineer	Chendu Hydroelectric Power Investigation & Design Institute, MOE & MWR		
Contractor	7th Construction Bureau, MOE & MWR		

Purpose (code)	F H I N
Site start	01.01.1985
RCC start	01.10.1988
RCC completion	30.12.1989
Site completion	31.10.1994
Height (m)	88
Length (m)	1029
Volume of RCC (m^3x10^3)	407
Total volume (m^3x10^3)	855
Reservoir capacity (m^3x10^6)	200
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(10)
Spillway slope	0.75
Forming of spillway face (code)	(1)
Depth of layers (mm)	300 - 500
Depth of lifts (mm)	300 - 500
Cement content (kg/m^3)	79 82
Pozzolan content (kg/m^3)	79 83
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0058

Completed Dam



RCCDAM0058CD

Google Earth



RCCDAM0058GE

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