Dam:	Bailianya	Country	China
River	Dongpi	31°15'44.64"N 116°10'33.24"E	31.2624 116.175903
Owner/Client	Anhui Water Resources Development Co. Ltd.		
Designer/Engineer	Institute of Investigation, Design and Research for Hydropower Projects, Anhui Province		
Contractor	Fujian (Minjiang) Construction Bureau		

Purpose (code)	F H I W
Site start	01.01.2005
RCC start	01.01.2006
RCC completion	31.12.2007
Site completion	30.04.2009
Height (m)	105
Length (m)	422
Volume of RCC (m^3x10^3)	485
Total volume (m^3x10^3)	600
Reservoir capacity (m^3x10^6)	480
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.335
Forming of downstream face (code)	(1)
Spillway slope	0.335
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	72 56
Pozzolan content (kg/m^3)	108 84
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0406

Under Construction



RCCDAM0406UC

Completed Dam



RCCDAM0406CD

Google Earth



RCCDAM0406GE

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