Dam:	Longkaikou	Country	China
River	Jinsha	26°31'49.8"N 100°24'56.55"E	26.5305 100.41571
Owner/Client	Yunnan Jinsha River Hydropower Co. Ltd.		
Designer/Engineer	East China Hydroelectric Power Investigation and Design Institute		
Contractor	8th Construction Bureau		

Purpose (code)	F H N R W
Site start	01.08.2007
RCC start	01.09.2008
RCC completion	31.12.2012
Site completion	31.12.2013
Height (m)	119
Length (m)	768
Volume of RCC (m^3x10^3)	2840
Total volume (m^3x10^3)	3853
Reservoir capacity (m^3x10^6)	558
Upstream slope	V
Forming of upstream face (code)	(3)
Downstream slope	0.75
Forming of downstream face (code)	(3)
Spillway slope	*Unknown*
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	96 60
Pozzolan content (kg/m^3)	96 90
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0551

Under Construction

RCCDAM0551UC

Completed Dam

RCCDAM0551CD

Google Earth

RCCDAM0551GE

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