Dam:	Longshou №1	Country	China
River	Heihe	38°48'27.72"N 100°9'24.48"E	38.807701 100.156799
Owner/Client	Department of Electricity, Gansu Province		
Designer/Engineer	Guyiang Institute of Investigation and Design of Water Conservancy and Hydropower in Gansu Province		
Contractor	4th Construction Bureau		

Purpose (code)	H
Site start	18.04.1999
RCC start	18.03.2000
RCC completion	18.06.2001
Site completion	30.09.2001
Height (m)	80
Length (m)	258
Volume of RCC (m^3x10^3)	187
Total volume (m^3x10^3)	210
Reservoir capacity (m^3x10^6)	13
Upstream slope	V 0.20
Forming of upstream face (code)	(1) (1)
Downstream slope	0.75
Forming of downstream face (code)	(1)
Spillway slope	0.75
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	96 58
Pozzolan content (kg/m^3)	109 113
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0248

Completed Dam



RCCDAM0248CD

Google Earth



RCCDAM0248GE

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