Dam:	Helong	Country	China
River	Hailanhe	42°53'52.13"N 129°38'55.44"E	42.897816 129.648727
Owner/Client	Electricity Corporation, Yanji		
Designer/Engineer	Yanbian Investigation and Design Institute of Hydropower		
Contractor	Helong Construction Bureau		

Purpose (code)	H R W
Site start	01.11.1998
RCC start	28.08.1999
RCC completion	31.01.2002
Site completion	30.12.2002
Height (m)	30
Length (m)	244
Volume of RCC (m^3x10^3)	43
Total volume (m^3x10^3)	89
Reservoir capacity (m^3x10^6)	30
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(10)
Spillway slope	ogee
Forming of spillway face (code)	(10) *
Depth of layers (mm)	300
Depth of lifts (mm)	2000
Cement content (kg/m^3)	113
Pozzolan content (kg/m^3)	113
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0270

Google Earth



RCCDAM0270GE

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