

Dam: **Baise**

Country **China**

River **You**

23°55'35.46"N 106°27'21.25"E

23.926517 106.455902

Owner/Client **Guangxi-Youjiang Hydraulic Development Co.Ltd.**

Designer/Engineer **Institute of Design and Investigation, Water Resources and Hydroelectric Power, Guangxi**

Contractor **Construction Bureaux Minjiang and Huanghe J.V. (now SinoHydro)**

Purpose (code) **F H I N W**

Site start **11.10.2001**

RCC start **28.12.2002**

RCC completion **28.04.2006**

Site completion **20.12.2006**

Height (m) **130**

Length (m) **720**

Volume of RCC ($m^3 \times 10^3$) **1995**

Total volume ($m^3 \times 10^3$) **2672**

Reservoir capacity ($m^3 \times 10^6$) **5660**

Upstream slope **V**

Forming of upstream face (code) **(9)**

Downstream slope **0.80**

Forming of downstream face (code) **(1)**

Spillway slope **0.80**

Forming of spillway face (code) **(1)**

Depth of layers (mm) **300**

Depth of lifts (mm) **3000**

Cement content (kg/m^3) **80**
50

Pozzolan content (kg/m^3) **132**
110

Code for pozzolan **(F)**

RCCDAM Unique Serial No. **RCCDAM0355**

Under Construction



RCCDAM0355UC

Completed Dam



RCCDAM0355CD

Google Earth



RCCDAM0355GE

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