Dam:	Murum	Country	Malaysia
River	Murum	2°38'58.25"N 114°22'2.57"E	2.649514 114.367378
Owner/Client	SEB (Sarawak Energy Bhd)		
Designer/Engineer	Changjiang Survey, Planning, Design and Research Co. Ltd.		
Contractor	Three Gorges Development Co		

Purpose (code)	H
Site start	01.10.2008
RCC start	17.01.2011
RCC completion	30.06.2013
Site completion	28.02.2015
Height (m)	146
Length (m)	440
Volume of RCC (m^3x10^3)	1520
Total volume (m^3x10^3)	1660
Reservoir capacity (m^3x10^6)	12043
Upstream slope	V 0.20
Forming of upstream face (code)	(3') (3')
Downstream slope	0.70 0.80
Forming of downstream face (code)	(3) *
Spillway slope	0.70 0.80
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	88 65
Pozzolan content (kg/m^3)	88 72
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0575

Under Construction



RCCDAM0575UC

Completed Dam



RCCDAM0575CD

Google Earth



RCCDAM0575GE

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