Dam:	Chalillo	Country	Belize
River	Macal	16°51'41.06"N 89°00'50.25"W	16.861433 -89.013962
Owner/Client	Belize Electric Co. Ltd (BECOL) and A. Fortis Co., Canada		
Designer/Engineer	Gilbert-Green & Associates Inc., Canada		
Contractor	China National Water Resources & Hydroelectic Co. (CWHEC) - SinoHydro Co. Ltd. (11th Construction Bureau)		

Purpose (code)	H
Site start	01.07.2003
RCC start	01.03.2004
RCC completion	31.10.2005
Site completion	31.12.2006
Height (m)	68
Length (m)	425
Volume of RCC (m^3x10^3)	180
Total volume (m^3x10^3)	210
Reservoir capacity (m^3x10^6)	120
Upstream slope	0.20
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	3600
Cement content (kg/m^3)	105
Pozzolan content (kg/m^3)	0
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0338

Under Construction



RCCDAM0338UC

Completed Dam



RCCDAM0338CD

Google Earth



RCCDAM0338GE

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