Dam:	Arenal I-II	Country	Honduras
River	Yaguala	15°18'15.75"N 86°46'43.27"W	15.304375 -86.778687
Owner/Client	Energias Limpias del Yaguala SA de CV		
Designer/Engineer	Lombardi Engineering Ltd		
Contractor	SinoHydro Co. Ltd. (11th Construction Bureau)		

Purpose (code)	H
Site start	11.01.2018
RCC start	04.04.2019
RCC completion	25.11.2020
Site completion	11.01.2021
Height (m)	93
Length (m)	273
Volume of RCC (m^3x10^3)	249
Total volume (m^3x10^3)	305
Reservoir capacity (m^3x10^6)	72
Upstream slope	0.04
Forming of upstream face (code)	(3')
Downstream slope	0.40 0.67
Forming of downstream face (code)	(3') (3')
Spillway slope	0.40
Forming of spillway face (code)	(13)
Depth of layers (mm)	*Unknown*
Depth of lifts (mm)	*Unknown*
Cement content (kg/m^3)	*Unknown*
Pozzolan content (kg/m^3)	*Unknown*
Code for pozzolan	*Unknown*
RCCDAM Unique Serial No.	RCCDAM0972

Google Earth



RCCDAM0972GE

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