Dam:	Yunishigawa	Country	Japan
River	Yunishi	36°56'10.72"N 139°39'43.69"E	36.93631 139.66214
Owner/Client	Ministry of Land, Infrastructure, Transport and Tourism		
Designer/Engineer	CTI Engineering		
Contractor	Kajima Construction Co. Ltd. & Shimizu Corporation JV		

Purpose (code)	F I W
Site start	01.08.2008
RCC start	16.09.2009
RCC completion	28.05.2011
Site completion	30.09.2012
Height (m)	119
Length (m)	320
Volume of RCC (m^3x10^3)	967
Total volume (m^3x10^3)	1053
Reservoir capacity (m^3x10^6)	75
Upstream slope	V 0.60
Forming of upstream face (code)	(1)
Downstream slope	0.78
Forming of downstream face (code)	(1)
Spillway slope	0.78
Forming of spillway face (code)	(1)
Depth of layers (mm)	250
Depth of lifts (mm)	1000
Cement content (kg/m^3)	91
Pozzolan content (kg/m^3)	39
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0499

Completed Dam



RCCDAM0499CD

Google Earth



RCCDAM0499GE

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