Dam:	Ryumon	Country	Japan
River	Sakoma	33°2'12.17"N 130°50'59.96"E	33.036713 130.849991
Owner/Client	Ministry of Construction		
Designer/Engineer	Ministry of Construction		
Contractor	Nishimatsu Construction Co Ltd., Aoki Construction Co Ltd and Zenidaka-gumi Co Ltd (J.V)		

Purpose (code)	F I W
Site start	01.09.1987
RCC start	01.03.1990
RCC completion	30.11.1992
Site completion	31.03.1997
Height (m)	100
Length (m)	378
Volume of RCC (m^3x10^3)	521
Total volume (m^3x10^3)	836
Reservoir capacity (m^3x10^6)	42
Upstream slope	V 0.30
Forming of upstream face (code)	(1) (1)
Downstream slope	0.80
Forming of downstream face (code)	(1)
Spillway slope	0.80
Forming of spillway face (code)	(1)
Depth of layers (mm)	150 - 200
Depth of lifts (mm)	750 - 1000
Cement content (kg/m^3)	91
Pozzolan content (kg/m^3)	39
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0107

Completed Dam

RCCDAM0107CD

Google Earth

RCCDAM0107GE

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