Dam:	Urayama	Country	Japan
River	Urayama	35°57'12.74"N 139°3'8.69"E	35.953541 139.052414
Owner/Client	Water Resources Development Public Corporation		
Designer/Engineer	Water Resources Development Public Corporation		
Contractor	Tobishima Construction Co Ltd, Hazama-gumi Co Ltd, and Takenaka Doboku Co Ltd J.V.		

Purpose (code)	F H W
Site start	30.03.1990
RCC start	02.12.1992
RCC completion	30.12.1995
Site completion	31.03.1999
Height (m)	156
Length (m)	372
Volume of RCC (m^3x10^3)	1294
Total volume (m^3x10^3)	1750
Reservoir capacity (m^3x10^6)	58
Upstream slope	V 0.65
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)	250
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.	RCCDAM0162

Completed Dam



RCCDAM0162CD

Google Earth



RCCDAM0162GE

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