Dam:	Chiya	Country	Japan
River	Takahashi	35°3'23.86"N 133°27'25.25"E	35.056629 133.457016
Owner/Client	Okayama Prefecture		
Designer/Engineer	Okayama-ken		
Contractor	Ohbayashi Co Ltd, Kajima Co Ltd and Ohmoto-Gumi Co Ltd J.V.		

Purpose (code)	F H W
Site start	01.03.1989
RCC start	01.09.1992
RCC completion	30.04.1995
Site completion	31.03.1998
Height (m)	98
Length (m)	259
Volume of RCC (m^3x10^3)	396
Total volume (m^3x10^3)	670
Reservoir capacity (m^3x10^6)	28
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.77
Forming of downstream face (code)	(1)
Spillway slope	0.77
Forming of spillway face (code)	(1)
Depth of layers (mm)	250
Depth of lifts (mm)	750
Cement content (kg/m^3)	91
Pozzolan content (kg/m^3)	39
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0153

Completed Dam



RCCDAM0153CD

Google Earth



RCCDAM0153GE

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