Dam:	Origawa	Country	Japan
River	Ori	35°19'42.57"N 137°18'10.21"E	35.328491 137.302841
Owner/Client	Ministry of Land, Infrastructure & Transport		
Designer/Engineer	Ministry of Construction		
Contractor	Satoh Kogyo Co Ltd., Maeda Construction Kogyo Co Ltd. and Dainihon Doboku Co Ltd. J.V.		

Purpose (code)	F N
Site start	25.02.1993
RCC start	13.11.1996
RCC completion	31.07.2000
Site completion	29.03.2004
Height (m)	114
Length (m)	331
Volume of RCC (m^3x10^3)	673
Total volume (m^3x10^3)	742
Reservoir capacity (m^3x10^6)	15
Upstream slope	V 0.60
Forming of upstream face (code)	(1) (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.	RCCDAM0235

Completed Dam



RCCDAM0235CD

Google Earth



RCCDAM0235GE

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