Dam:	Nagai	Country	Japan
River	Okitamano	38°6'3.64"N 139°57'27.08"E	38.101009 139.95752
Owner/Client	Ministry of Land, Infrastructure and Transport		
Designer/Engineer	Ministry of Land, Infrastructure and Transport		
Contractor	Hazama-Gumi Co. Ltd., Maeda Construction Kogyo Co Ltd. & Okumur-Gumi Co. Ltd. JV		

Purpose (code)	F H N W
Site start	25.03.2000
RCC start	01.10.2002
RCC completion	30.11.2006
Site completion	31.03.2011
Height (m)	126
Length (m)	381
Volume of RCC (m^3x10^3)	703
Total volume (m^3x10^3)	1200
Reservoir capacity (m^3x10^6)	51
Upstream slope	V 0.50
Forming of upstream face (code)	(1) (1)
Downstream slope	0.73
Forming of downstream face (code)	(1)
Spillway slope	0.73
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.	RCCDAM0360

Completed Dam



RCCDAM0360CD

Google Earth



RCCDAM0360GE

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