Dam:	Vinoramas	Country	Mexico
River	El Bledal	24°49'2.19"N 107°09'26.17"W	24.817274 -107.157272
Owner/Client	CNA (Comisión Nacional del Agua)/Estado de Sinaloa		
Designer/Engineer	CNA/Tecnologia y Sistemas		
Contractor	Comision Constructora del Estado de Sinaloa		

Purpose (code)	F I
Site start	01.10.1991
RCC start	16.04.1993
RCC completion	18.12.1993
Site completion	20.01.1994
Height (m)	50
Length (m)	807
Volume of RCC (m^3x10^3)	117
Total volume (m^3x10^3)	184
Reservoir capacity (m^3x10^6)	102
Upstream slope	V
Forming of upstream face (code)	(5)
Downstream slope	0.80
Forming of downstream face (code)	(3) *
Spillway slope	0.80
Forming of spillway face (code)	(13)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	100
Pozzolan content (kg/m^3)	100
Code for pozzolan	(M)
RCCDAM Unique Serial No.	RCCDAM0128

Completed Dam



RCCDAM0128CD

Google Earth



RCCDAM0128GE

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