Dam:	Miel I	Country	Colombia
River	La Miel	5°33'38.6"N 74°53'12.33"W	5.560722 -74.886757
Owner/Client	Isagen S.A. E.S.P. - Hidromiel S.A. E.S.P.		
Designer/Engineer	Hidroestudios S.A.		
Contractor	CNO (Odebrecht), GMD (Grupo Mexicano de Desarrollo), ABB and Kvaener, J.V. (Consorcio Miel)		

Purpose (code)	H
Site start	24.12.1997
RCC start	08.04.2000
RCC completion	09.07.2002
Site completion	09.10.2002
Height (m)	188
Length (m)	345
Volume of RCC (m^3x10^3)	1669
Total volume (m^3x10^3)	1730
Reservoir capacity (m^3x10^6)	565
Upstream slope	V
Forming of upstream face (code)	(4')
Downstream slope	0.75 1.00
Forming of downstream face (code)	(3') *
Spillway slope	0.75 1.00
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	85 to 160
Pozzolan content (kg/m^3)	0
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0278

Under Construction



RCCDAM0278UC

Completed Dam



RCCDAM0278CD

Google Earth



RCCDAM0278GE

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