Dam:	Nandoni (formerly Mutoti)	Country	South Africa
River	Luvuvhu	22°58'52.2"S 30°35'53.15"E	-22.981167 30.598097
Owner/Client	Department of Water & Sanitation		
Designer/Engineer	Department of Water Affairs and Forestry		
Contractor	Department of Water Affairs and Forestry		

Purpose (code)	I W
Site start	01.04.1998
RCC start	01.12.1999
RCC completion	01.08.2003
Site completion	03.04.2004
Height (m)	47
Length (m)	392
Volume of RCC (m^3x10^3)	150
Total volume (m^3x10^3)	316
Reservoir capacity (m^3x10^6)	164
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(1)
Spillway slope	0.75
Forming of spillway face (code)	(1) *
Depth of layers (mm)	250
Depth of lifts (mm)	250
Cement content (kg/m^3)	54
Pozzolan content (kg/m^3)	129
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0296

Under Construction



RCCDAM0296UC

Completed Dam



RCCDAM0296CD

Google Earth



RCCDAM0296GE

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