Dam:	Paradise (formerly Burnett River)	Country	Australia
River	Burnett	25°20'58.21"S 151°55'06.07"E	-25.349503 151.91835
Owner/Client	Sunwater		
Designer/Engineer	Hydro Tasmania/SMEC		
Contractor	Walter Construction Group, Macmahon Contractors and Wagners		

Purpose (code)	F I
Site start	01.11.2003
RCC start	05.06.2004
RCC completion	06.09.2005
Site completion	28.11.2005
Height (m)	50
Length (m)	940
Volume of RCC (m^3x10^3)	400
Total volume (m^3x10^3)	400
Reservoir capacity (m^3x10^6)	300
Upstream slope	V
Forming of upstream face (code)	(8)
Downstream slope	0.64
Forming of downstream face (code)	(3) *
Spillway slope	0.64
Forming of spillway face (code)	(1) *
Depth of layers (mm)	310
Depth of lifts (mm)	310
Cement content (kg/m^3)	63
Pozzolan content (kg/m^3)	0
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0342

Under Construction



RCCDAM0342UC

Completed Dam



RCCDAM0342CD

Google Earth



RCCDAM0342GE

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