Dam:	Enlarged Cotter	Country	Australia
River	Cotter	35°19'12.51"S 148°56'24.02"E	-35.320141 148.940002
Owner/Client	Icon Water (formerly ACTEW Corp.)		
Designer/Engineer	GHD Pty. Ltd.		
Contractor	Bulk Water Alliance (Abigroup/John Holland JV)		

Purpose (code)	W
Site start	01.10.2009
RCC start	01.08.2011
RCC completion	01.12.2012
Site completion	01.08.2013
Height (m)	87
Length (m)	350
Volume of RCC (m^3x10^3)	369
Total volume (m^3x10^3)	400
Reservoir capacity (m^3x10^6)	78
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	(3') *
Depth of layers (mm)	300 400
Depth of lifts (mm)	300 400
Cement content (kg/m^3)	75
Pozzolan content (kg/m^3)	120
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0548

Under Construction



RCCDAM0548UC

Completed Dam



RCCDAM0548CD

Google Earth



RCCDAM0548GE

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