Dam:	Gwayi-Shangani	Country	Zimbabwe
River	Gwayi	18°27'54.39"S 27°10'10.63"E	-18.465109 27.169619
Owner/Client	Zimbabwe National Water Authority (Zinwa)		
Designer/Engineer	*Unknown*		
Contractor	China International Water and Electrical Corporation		

Purpose (code)	H I W
Site start	01.09.2004
RCC start	01.01.2022
RCC completion	31.12.2026
Site completion	31.12.2027
Height (m)	72
Length (m)	305
Volume of RCC (m^3x10^3)	*Unknown*
Total volume (m^3x10^3)	300
Reservoir capacity (m^3x10^6)	634
Upstream slope	*Unknown*
Forming of upstream face (code)	*Unknown*
Downstream slope	*Unknown*
Forming of downstream face (code)	*Unknown*
Spillway slope	*Unknown*
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	*Unknown*
Depth of lifts (mm)	*Unknown*
Cement content (kg/m^3)	60
Pozzolan content (kg/m^3)	140
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0714

Under Construction

RCCDAM0714UC

Completed Dam

RCCDAM0714CD

Google Earth

RCCDAM0714GE

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