Dam:	Big Cherry	Country	USA
River	South Fork Powell River	36°50'47.00"N 82°40'19.84"W	36.846390 -82.672180
Owner/Client	Town of Big Stone Gap		
Designer/Engineer	Dewberry & Davis, GEI Consultants & Kleinfelder		
Contractor	Estes Brothers Construction		

Purpose (code)	W
Site start	01.04.2004
RCC start	01.09.2004
RCC completion	02.01.2005
Site completion	31.07.2005
Height (m)	26
Length (m)	113
Volume of RCC (m^3x10^3)	11
Total volume (m^3x10^3)	12
Reservoir capacity (m^3x10^6)	2
Upstream slope	
Forming of upstream face (code)	
Downstream slope	
Forming of downstream face (code)	
Spillway slope	
Forming of spillway face (code)	
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	82
Pozzolan content (kg/m^3)	82
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0452

Completed Dam

RCCDAM0452CD

Google Earth

RCCDAM0452GE

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