Dam:	Quail Creek South	Country	USA
River	Quail Creek	37°10'34.76"N 113°23'34.62"W	37.176323 -113.392952
Owner/Client	Washington County Water Conservancy District		
Designer/Engineer	Morrison-Knudsen Engineers		
Contractor	ASI-RCC Inc.		

Purpose (code)	W
Site start	01.02.1990
RCC start	28.03.1990
RCC completion	25.05.1990
Site completion	31.08.1990
Height (m)	42
Length (m)	610
Volume of RCC (m^3x10^3)	130
Total volume (m^3x10^3)	150
Reservoir capacity (m^3x10^6)	50
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	V 0.85
Forming of downstream face (code)	(1) (17)
Spillway slope	conduit
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	80
Pozzolan content (kg/m^3)	53
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0064

Under Construction



RCCDAM0064UC

Completed Dam



RCCDAM0064CD

Google Earth



RCCDAM0064GE

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