Dam:	Alan Henry Spillway	Country	USA
River	Double Mountain Fork	33°3'47.33"N 101°2'48.75"W	33.063148 -101.046875
Owner/Client	Brazos River Authority		
Designer/Engineer	Freese & Nichols		
Contractor	Granite Construction Co.		

Purpose (code)	W
Site start	01.03.1991
RCC start	01.12.1991
RCC completion	30.04.1992
Site completion	31.12.1993
Height (m)	25
Length (m)	84
Volume of RCC (m^3x10^3)	22
Total volume (m^3x10^3)	23
Reservoir capacity (m^3x10^6)	140
Upstream slope	V
Forming of upstream face (code)	(13)
Downstream slope	1.10
Forming of downstream face (code)	(17)
Spillway slope	ogee
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	119
Pozzolan content (kg/m^3)	59
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0095

Under Construction



RCCDAM0095UC

Completed Dam



RCCDAM0095CD

Google Earth



RCCDAM0095GE

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