Dam:	Willow Creek	Country	USA
River	Willow Creek	45°20'50.01"N 119°32'38.75"W	45.347225 -119.544098
Owner/Client	US Army Corps of Engineers		
Designer/Engineer	USACE, Walla Walla District		
Contractor	Eucon Corportation		

Purpose (code)	F R
Site start	06.11.1981
RCC start	29.04.1982
RCC completion	24.09.1982
Site completion	01.04.1983
Height (m)	52
Length (m)	543
Volume of RCC (m^3x10^3)	331
Total volume (m^3x10^3)	331
Reservoir capacity (m^3x10^6)	17
Upstream slope	V
Forming of upstream face (code)	(7)
Downstream slope	0.80
Forming of downstream face (code)	(17)
Spillway slope	0.80
Forming of spillway face (code)	(17)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	47
Pozzolan content (kg/m^3)	19
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0016

Under Construction



RCCDAM0016UC

Completed Dam



RCCDAM0016CD

Google Earth



RCCDAM0016GE

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