Dam:	Site C	Country	Canada
River	Peace	56°11'24.36"N 120°54'55.71"W	56.190102 -120.915474
Owner/Client	BC Hydro		
Designer/Engineer	SNC-Lavalin with Klohn Crippen Berger		
Contractor	Peace River Hydro Partners		

Purpose (code)	H
Site start	01.01.2015
RCC start	11.07.2017
RCC completion	31.10.2021
Site completion	09.08.2025
Height (m)	71
Length (m)	800
Volume of RCC (m^3x10^3)	1740
Total volume (m^3x10^3)	*Unknown*
Reservoir capacity (m^3x10^6)	2644
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.80
Forming of downstream face (code)	(3')
Spillway slope	0.80
Forming of spillway face (code)	(3') *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	80
Pozzolan content (kg/m^3)	130
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0731

Completed Dam



RCCDAM0731CD

Google Earth



RCCDAM0731GE

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