Dam:	Kinta	Country	Malaysia
River	Kinta	4°40'6.77"N 101°13'9.7"E	4.668547 101.21936
Owner/Client	Lembaga Air Perak/Metropolitan Utilities Corporation		
Designer/Engineer	GHD & Angkasa Consulting		
Contractor	SKH (Seribong-Konbina-Hazama) Consortium		

Purpose (code)	W
Site start	27.01.2003
RCC start	16.02.2004
RCC completion	31.03.2006
Site completion	31.07.2006
Height (m)	90
Length (m)	792
Volume of RCC (m^3x10^3)	952
Total volume (m^3x10^3)	975
Reservoir capacity (m^3x10^6)	30
Upstream slope	V
Forming of upstream face (code)	(3')
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)	100
Pozzolan content (kg/m^3)	100
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0353

Under Construction



RCCDAM0353UC

Completed Dam



RCCDAM0353CD

Google Earth



RCCDAM0353GE

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