Dam:	Ibn Hammad	Country	Jordan
River	Ibn Hammad	31°17'49.61"N 35°33'31.34"E	31.297113 35.558704
Owner/Client	Jordan Valley Authority, Ministry of Water and Irrigation		
Designer/Engineer	Stucky, Bernard and Consolidated Consultants JV		
Contractor	Marwan A. Alkurdi & Partners/Enex JV		

Purpose (code)	G W
Site start	01.01.2015
RCC start	01.12.2016
RCC completion	15.07.2017
Site completion	31.12.2022
Height (m)	56
Length (m)	160
Volume of RCC (m^3x10^3)	160
Total volume (m^3x10^3)	160
Reservoir capacity (m^3x10^6)	4
Upstream slope	0.30
Forming of upstream face (code)	(1)
Downstream slope	0.70
Forming of downstream face (code)	(1) *
Spillway slope	0.70
Forming of spillway face (code)	(1) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	90 100
Pozzolan content (kg/m^3)	0 0
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0665

Google Earth



RCCDAM0665GE

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