Dam:	Koysha (Gibe IV)	Country	Ethiopia
River	Omo	6°34'40.88"N 36°32'59.04"E	6.578022 36.549732
Owner/Client	Ethiopian Electric Power (EEP)		
Designer/Engineer	Studio Petrangelli		
Contractor	WeBuild-WB (Salini - Impregilo SpA)		

Purpose (code)	H
Site start	29.09.2013
RCC start	22.06.2020
RCC completion	18.02.2027
Site completion	18.05.2028
Height (m)	201
Length (m)	1020
Volume of RCC (m^3x10^3)	7350
Total volume (m^3x10^3)	7725
Reservoir capacity (m^3x10^6)	6900
Upstream slope	0.10 0.35
Forming of upstream face (code)	(3')
Downstream slope	0.70
Forming of downstream face (code)	(3') *
Spillway slope	separate
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	1500
Cement content (kg/m^3)	130
Pozzolan content (kg/m^3)	25
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0730

Google Earth



RCCDAM0730GE

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