

Dam: Filiatrinos

Country Greece

River Filiatrinos

37°08'26.11"N 21°38'33.13"E

37.140587 21.642536

Owner/Client Ministry of Rural Development and Food

Designer/Engineer Unknown

Contractor Intrakat

Purpose (code) I

Site start 01.01.2010

RCC start 01.01.2011

RCC completion 31.12.2014

Site completion 31.12.2016

Height (m) 55

Length (m) 246

Volume of RCC ($m^3 \times 10^3$) 370

Total volume ($m^3 \times 10^3$) 430

Reservoir capacity ($m^3 \times 10^6$) 8

Upstream slope 0.80

Forming of upstream face (code) (2)

Downstream slope 0.80

Forming of downstream face (code) (10)

Spillway slope 0.80

Forming of spillway face (code) (10)

Depth of layers (mm) 350

Depth of lifts (mm) 350

Cement content (kg/m^3) 51

Pozzolan content (kg/m^3) 24

Code for pozzolan (F)

RCCDAM Unique Serial No. RCCDAM0611

Google Earth



RCCDAM0611GE

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