Dam:	Vadeni	Country	Romania
River	Jiu	45°3'28.11"N 23°16'8.69"E	45.057808 23.269081
Owner/Client	Romanian Electricity Authority (RENAL) - Tirgu Jiu Branch		
Designer/Engineer	Institutul de Studii si Proiectari Hidroenergetice (ISPH) Bucuresti		
Contractor	SC Hidroconstructia SA - Jiu Branch		

Purpose (code)	H
Site start	01.03.1986
RCC start	17.05.1988
RCC completion	10.10.1988
Site completion	30.10.1992
Height (m)	25
Length (m)	55
Volume of RCC (m^3x10^3)	14
Total volume (m^3x10^3)	17
Reservoir capacity (m^3x10^6)	5
Upstream slope	*Unknown*
Forming of upstream face (code)	(12)
Downstream slope	*Unknown*
Forming of downstream face (code)	(12)
Spillway slope	ogee
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	900
Cement content (kg/m^3)	125
Pozzolan content (kg/m^3)	0
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0044

Completed Dam



RCCDAM0044CD

Google Earth



RCCDAM0044GE

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