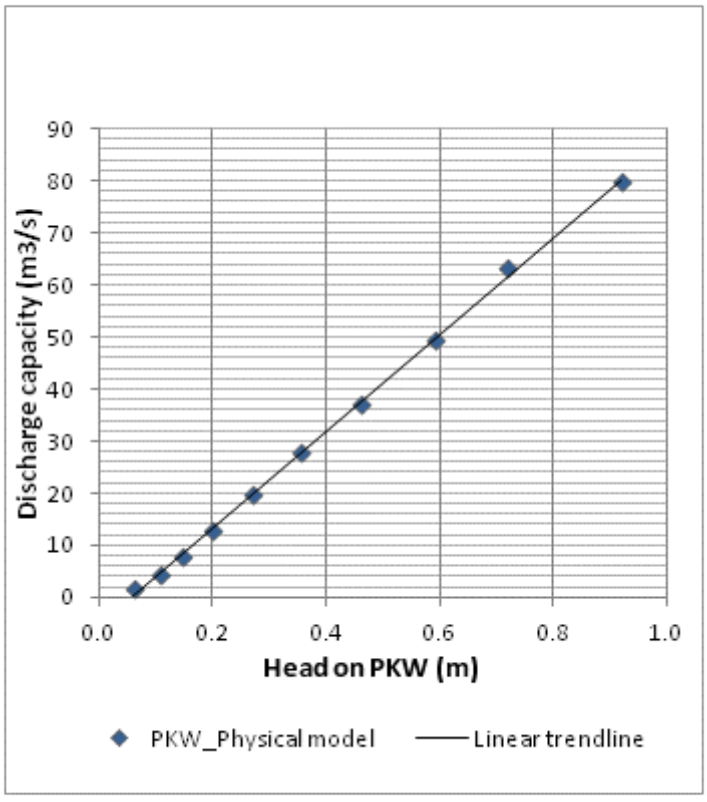
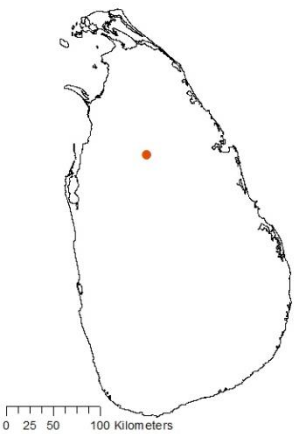
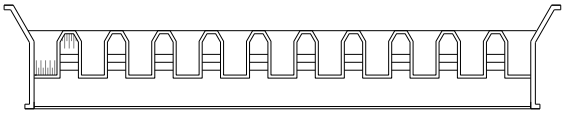
Dam's name: **RAMBAWA** *PKW's year of construction:* 2015





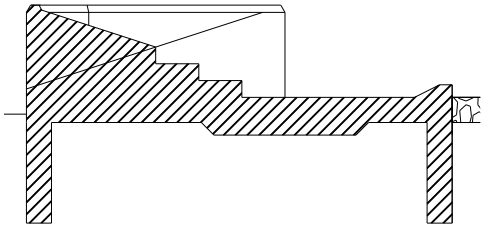
Country: Sri Lanka

Progress of work :	Built
Dam's owner:	Irrigation Department of Sri Lanka
Consultant:	Engs. H M Jayatillake & K T N Perera (Studies & Designs) Hydraulics Laboratory, Irrigation Department of Sri Lanka (Physical Model)
Contractor:	Irrigation Department of Sri Lanka
PKW location:	Replacing breached spillway
Downstream energy dissipation type:	Steps in outlet key and plunged pool downstream
PKW purpose:	Increase both discharge and reservoir capacities
PKW discharge capacity at MWL (m3/s):	28
Dam design flow (m3/s):	-
Monitoring devices (Presence and type):	No
Aeration (type and diameter of the pipe):	No
Overflowing Frequency:	< 1 year
Number of overflow known:	3
Maximum head on PKW experienced (m) and date:	0.2, 30/05/2016
Type and number of other spillway:	None
Material of the PKW:	Mass concrete
B (m):	3.093
P (m):	1.0
W (m):	32.5
L (m):	85.1
Number of inlet:	11
W_i *(m):*	1.5
Number of outlet:	10
W_o *(m):*	1.2
T_s *(m):*	0.20
PKW cost (k€)	60
Total project cost (k€)	Not applicable



Plan view of the PKW

Rambawa



Cross-section view of the PKW

Comment :

Second PKW spillway built in Sri Lanka and the first Type D PKW spillway with tapered noses in the country. Adaptable for low dams.