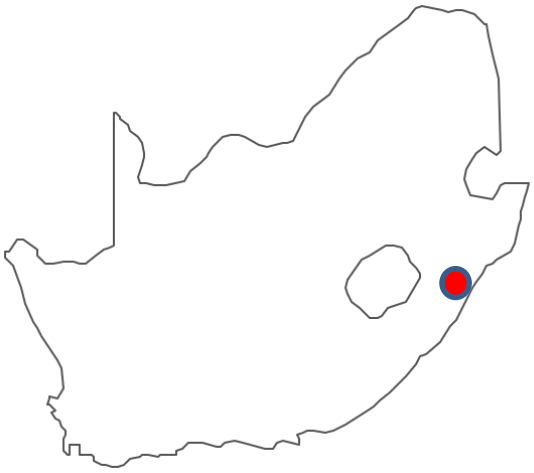
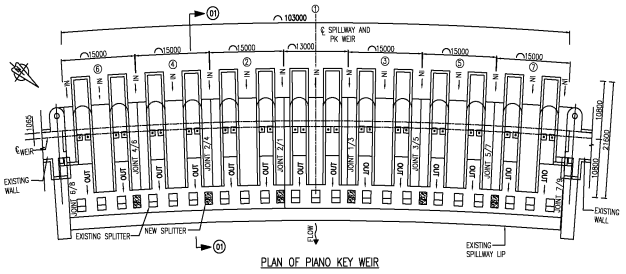
Dam's name: **HAZELMERE** *PKW's year of construction:* 2017

Flood	Inflow	Discharge	Max Level
	m3/s	m3/s	masl
1:50	1090	1080.41	93.95
1:100	1360	1347.37	94.16
1:200	1660	1644.64	94.4
RMF	3200	3174.59	95.62
SEF	4300	4288.19	96.2

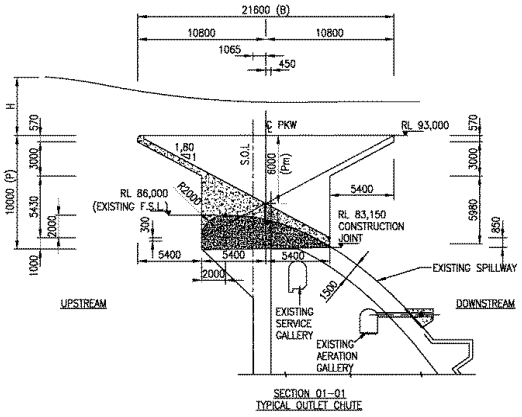


Country: South Africa

Progress of work :	Under Construction
Dam's owner:	DWS
Consultant:	Ingerop South Africa
Contractor:	Group Five Coastal
PKW location:	On a gravity wall extending the length of the spillway
Downstream energy dissipation type:	Robertson Splitters + Stilling Basin
PKW purpose:	Raise Wall + Increase discharge capacity
PKW discharge capacity at MWL (m3/s):	SEF
Dam design flow (m3/s):	SEF
Monitoring devices (Presence and type):	No
Aeration (type and diameter of the pipe):	HDPE pipe of 300 mm diameter
Overflowing Frequency:	Annually, rainfall dependant
Number of overflow known:	N/A
Maximum head on PKW experienced (m) and date:	N/A
Type and number of other spillway:	None
Material of the PKW:	Reinforced concrete
B (m):	21.6
P (m):	10
W (m):	16.5
L (m):	650
Number of inlet:	14
W_i *(m):*	3.8
Number of outlet:	14
W_o *(m):*	3.8
T_s *(m):*	0.5
PKW cost (k€)	
Total project cost (k€)	



Plan view of the PKW



Cross-section view of the PKW

Comment :

Project currently under construction. Due to be complete in November 2017.