

Environmental Flowrates for Menzelet and Kilavuzlu HEPPs

According to Performance Requirement 6 of EBRD, conservation of biodiversity and sustainable management of living natural resources are fundamental to environmental and social sustainability.

Menzelet Kilavuzlu takes necessary measures during the operation phase of Menzelet and Kilavuzlu HEPPs. The environmental/ecosystem water needs to be left in the regulator site for the dam projects planned in the investigation area have been determined using different methods. Environmental Flow values are given in Table 6A, 6B, 6C and 6D.

Min. Limits	MONTHS					
Proposed Environmental Flowrates in cubic meters per hour	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>	<i>May</i>	<i>June</i>
	18,000	18,000	25,200	43,200	39,600	25,200
Proposed Environmental Flowrates in cubic meters per hour	MONTHS					
	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
18,000	18,000	18,000	18,000	18,000	18,000	

Table 6A - Minimum Environmental Flowrates to be Discharged by Menzelet Kilavuzlu ⁱ

2018	MONTHS					
Actual Environmental Flowrates in cubic meters per hour	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>	<i>May</i>	<i>June</i>
	- ⁱⁱ	- ⁱⁱⁱ	88,179	86,165	82,993	122,448
Actual Environmental Flowrates in cubic meters per hour	MONTHS					
	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
168,423	272,388	275,200	112,123	107,653	96,804	

Table 6B - Actual Environmental Flowrates for 2018

2019	MONTHS					
Actual Environmental Flowrates in cubic meters per hour	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>	<i>May</i>	<i>June</i>
	193,561	241,866	228,381	384,443	385,227	221,696
Actual Environmental Flowrates in cubic meters per hour	MONTHS					
	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
329,948	293,696	297,146	239,211	139,061	134,058	

Table 6C - Actual Environmental Flowrates for 2019

2020	MONTHS					
Actual Environmental Flowrates in cubic meters per hour	<i>January</i>	<i>February</i>	<i>March</i>	<i>April</i>	<i>May</i>	<i>June</i>
	255,258	279,205	232,829	273,912	261,740	222,588
Actual Environmental Flowrates in cubic meters per hour	MONTHS					
	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
299,149	293,793	168,668	104,822	218,166	95,054	

Table 6D - Actual Environmental Flowrates for 2020

ⁱ Comma is used for thousands separator.

ⁱⁱ Privatization of the plants was completed on March 9, 2018.

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