
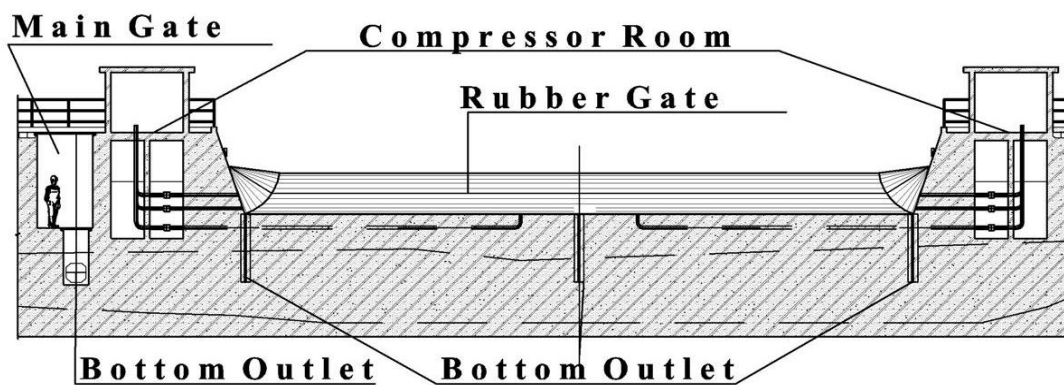


Country	MIKAS springs	Coordinates / Nearby City	Spring discharge (Q in l/s,min/av/max) / tapped or not	Criteria* in order / Main justification */ H-historic, A-aesthetic, S-scientific, E-Economic, Ec-ecologic	Data collected by
Montenegro 	1. Bolje Sestre	N 42°20'55.3" E 19°10'45.42" Z = 5 m asl Golubovci, Grbavci	700/1500/5250 Tapped for water supply of entire Montenegrin Coast	<p><i>E, S, A, H, Ec</i></p> <p><i>Strategic source which solved acute problem of water supply of the entire coastal area of Montenegro. It is often called "The project that changed Montenegro" because enabled faster grow of tourist sector, which is generating major income to country's economy. The origin of water is complex, consists of two recharge components: autogenic during wintertime and allogenic from alluvial aquifer of Morača River. The intake is an engineering masterpiece with elliptical coffer dam which prevents mixing of fresh groundwater and lake water. After some tales the water of Bolje Sestre has medical curative property. Spring name in English means "Better Sisters". Spring's overflow is feeding Malo Blato, the gulf of Skadar Lake, the largest in Balkans, which is Ramsar site, with several endemic species.</i></p>	Zoran Stevanović
	2. Mareza	N 42°28'38.1" E 19°11'08.44" Z = 32 m asl Podgorica	2000/10000/20000 Tapped for water supply of capital city of Podgorica	<p><i>E, S, Ec, A, H</i></p> <p><i>The Mareza spring is the main water source for the water supply of the capital of Montenegro (Podgorica). It feeds the stream of the same name and the nearby small wetland. The specific domed catchment structure integrated into the spring horizon has a certain aesthetic value. The remains of the ancient city of Duklja (lat. Doclea) are located about 7 km from the Mareza springs. There is a possibility that the spring water was used since time immemorial. The origin of water is still enigmatic.</i></p>	Milan Radulović

MIKAS – Bolje Sestre



Sublacustrine spring (vrulja) Bolje Sestre, before and after tapping (Photos by Zoran Stevanović)



Bolje Sestre intake - Elliptical coffer dam and weir with movable rubber gate

MIKAS – Mareza



*Spring site and wetland
(source: Wikipedia)*



*Channelled overflow spring water
(Photo by Zoran Stevanović)*