

Rush Island Energy Center - RCPA

	Boron		Sulfate		Arsenic	
	Exceedances	Range (µg/l)	Exceedances	Range (µg/l)	Exceedances	Range (µg/l)
Upgradient						
MW - B1	0	112-151	0	35.9-46.9	8	19.4-30
MW - B2	0	ND-57.3	0	5.5-15.5	0	2.6-3.7
Downgradient						
MW-1	3	1,480-2,750	2	191-382	3	5.8-13.1
MW-2	9	3,830-5,730	8	242-324	8	217-257
MW-3	9	14,100-15,700	0	156-205	8	16.8-85.6
MW-4	9	3,980-4,510	0	25.8-44.6	1	6-10.3
MW-5	0	89.2-132	0	2-11.8	0	3.6-5.3
MW-6	1	353-2,130	0	18.8-37.7	0	ND-0.97
MW-7	9	2,250-2,550	0	28.6-50	8	34.5-105

-- Data summarized by Washington University Interdisciplinary Environmental Clinic
 -- Sampling conducted March 2016 through November 2017

Boron = 2000 µg/l, Missouri Drinking Water and Groundwater Standard
 Arsenic = 10 µg/l, MCL
 Sulfate = 250 µg/l, Missouri Drinking Water Standard

-- Range = all sample values (8 or 9 samples depending on parameter)
 -- 8 quarters of sampling for arsenic, no detection monitoring for arsenic
 -- 8 quarters of sampling for boron and sulfate plus 1 detection monitoring sampling

-- Data from 2017 Annual Groundwater Monitoring Report, RCPA Surface Impoundment, Rush Island Energy Center, Golder Associates for Ameren Missouri, January 30, 2018.