

CRKL Engineering Water Treatment Results

Arsenic and Nitrate Solution								
Trial	1 minute		5 minutes		20 minutes		60 minutes	
	Arsenic (mg/L)	Nitrate (mg/L)	Arsenic (mg/L)	Nitrate (mg/L)	Arsenic (mg/L)	Nitrate (mg/L)	Arsenic (mg/L)	Nitrate (mg/L)
1	0.584	8.84	0.124	0.00	0.038	-	0.011	0.00
2	0.625	15.47	0.153	0.00	0.057	0.00	0.024	-
3	0.472	0.00	0.158	7.07	0.071	33.60	0.043	0.00
4	0.693	4.86	0.296	0.00	0.116	0.00	0.063	0.00
5	0.846	10.17	0.307	0.00	0.132	0.00	0.082	0.00
6	0.584	19.01	0.164	15.03	0.045	35.80	0.012	-
7	0.462	11.05	0.18	0.04	0.062	0.40	0.037	0.00
8	0.649	26.08	0.226	0.00	0.086	0.00	0.052	13.70
9	0.634	23.87	0.234	22.10	0.111	0.00	0.069	11.50
10	0.339	11.93	0.105	0.00	-	0.00	0.056	5.75

Arsenic Solution				
Trial	1 minute	5 minutes	20 minutes	60 minutes
	Arsenic (mg/L)	Arsenic (mg/L)	Arsenic (mg/L)	Arsenic (mg/L)
1	0.768	0.24	0.061	0.026
2	0.741	0.278	0.09	0.048
3	0.89	0.388	0.15	0.073
4	0.992	0.461	0.166	0.096
5	1.127	0.461	0.181	0.107

Nitrate Solution				
Trial	1 minute	5 minutes	20 minutes	60 minutes
	Nitrate (mg/L)	Nitrate (mg/L)	Nitrate (mg/L)	Nitrate (mg/L)
1	24.75	0.0	0.0	0.0
2	24.752	0.0	0.0	0.0
3	31.824	1.5	0.0	0.0
4	26.078	0.0	0.0	0.0