

CEMRC Radiological Results Station A

Date/Time Installed	Date/Time Removed	241Am Bq/Sample Alpha Spectroscopy	241Am Bq/m3* Alpha	239+240Pu Bq/Sample Alpha	239+240Pu Bq/m3* Alpha	238Pu Bq/Sample Alpha	238Pu Bq/m3* Alpha	137Cs Bq/Sample Gamma	137Cs Bq/m3* Gamma
1/1/2018, 9:37	1/8/2018, 9:00	4.36E-01	7.67E-04	4.34E-01	7.63E-04	1.34E-02	2.36E-05	n/d	n/d
1/8/2018, 9:01	1/15/2018, 9:00	1.64E-01	2.88E-04	2.46E-02	4.31E-05	1.93E-03	3.39E-06	n/d	n/d
1/15/2018, 9:00	1/22/2018, 8:38	3.95E-01	6.94E-04	4.48E-02	7.87E-05	1.11E-03	1.95E-06	n/d	n/d
1/22/2018, 8:40	2/1/2018, 8:40	3.14E-01	3.92E-04	3.74E-02	4.67E-05	2.94E-03	3.67E-06	n/d	n/d
2/1/2018, 8:41	2/8/2018, 8:38	9.62E-02	1.73E-04	1.14E-02	2.04E-05	6.78E-04	1.22E-06	n/d	n/d
2/8/2018, 8:39	2/15/2018, 8:40	2.64E-01	4.73E-04	3.80E-02	6.81E-05	1.71E-03	3.06E-06	n/d	n/d
2/15/2018, 8:41	2/22/2018, 8:35	1.46E-01	2.65E-04	2.44E-02	4.44E-05	2.64E-03	4.80E-06	n/d	n/d
2/22/2018, 8:36	3/1/2018, 8:35	1.15E-01	2.09E-04	2.28E-02	4.13E-05	2.72E-03	4.92E-06	1.07E-01	3.75E-04
3/1/2018, 8:36	3/8/2018, 8:35	9.18E-02	1.61E-04	9.80E-03	1.72E-05	1.37E-03	2.40E-06	n/d	n/d
3/8/2018, 8:36	3/15/2018, 8:45	1.21E-01	2.12E-04	1.19E-02	2.09E-05	1.80E-03	3.15E-06	n/d	n/d
3/15/2018, 8:46	3/22/2018, 8:40	7.66E-02	1.37E-04	7.74E-03	1.39E-05	1.15E-03	2.07E-06	n/d	n/d
3/22/2018, 8:41	4/1/2018, 8:25	8.30E-02	1.02E-04	1.00E-02	1.23E-05	1.32E-03	1.62E-06	n/d	n/d
4/1/2018, 8:25	4/8/2018, 9:00	4.40E-02	7.69E-05	4.94E-03	8.63E-06	1.21E-03	2.12E-06	n/d	n/d
4/8/2018, 9:00	4/15/2018, 9:10	5.12E-02	8.97E-05	5.10E-03	8.93E-06	8.12E-04	1.42E-06	n/d	n/d
4/15/2018, 9:10	4/22/2018, 8:00	1.22E-01	2.16E-04	1.38E-02	2.44E-05	9.60E-04	1.69E-06	n/d	n/d
4/22/2018, 8:00	5/1/2018, 8:40	8.14E-02	1.11E-04	1.01E-02	1.37E-05	1.86E-03	2.52E-06	n/d	n/d
5/1/2018, 8:41	5/8/2018, 8:37	2.18E-02	3.82E-05	2.44E-03	4.28E-06	3.92E-04	6.87E-07	n/d	n/d
5/8/2018, 8:38	5/15/2018, 8:33	3.62E-02	6.41E-05	3.10E-03	5.49E-06	2.38E-04	4.21E-07	n/d	n/d
5/15/2018, 8:35	5/22/2018, 8:35	2.60E-02	4.56E-05	4.16E-03	7.30E-06	6.70E-04	1.18E-06	n/d	n/d
5/22/2018, 8:36	6/1/2018, 8:37	5.80E-02	7.12E-05	4.98E-03	6.11E-06	1.03E-03	1.27E-06	n/d	n/d
6/1/2018, 8:38	6/8/2018, 8:40	8.10E-02	1.42E-04	1.09E-02	1.91E-05	1.28E-03	2.25E-06	n/d	n/d
6/8/2018, 8:41	6/15/2018, 8:45	3.62E-02	6.34E-05	1.09E-02	1.91E-05	5.84E-04	1.02E-06	n/d	n/d
6/15/2018, 8:47	6/22/2018, 8:40	2.42E-02	4.24E-05	1.91E-03	3.36E-06	5.56E-04	9.75E-07	n/d	n/d
6/22/2018, 8:42	7/1/2018, 8:45	7.46E-02	1.02E-04	9.80E-03	1.34E-05	1.50E-03	2.04E-06	n/d	n/d
7/1/2018, 8:42	7/8/2018, 9:30	7.82E-02	1.36E-04	1.01E-02	1.76E-05	1.59E-03	2.77E-06	n/d	n/d
7/8/2018, 9:30	7/15/2018, 9:05	5.36E-02	9.42E-05	5.26E-03	9.24E-06	2.34E-03	4.11E-06	n/d	n/d
7/15/2018, 9:05	7/22/2018, 7:45	1.05E-01	1.86E-04	1.23E-02	2.18E-05	4.04E-03	7.14E-06	n/d	n/d
7/22/2018, 7:45	8/1/2018, 8:36	1.97E-01	2.41E-04	2.98E-02	3.64E-05	5.40E-03	6.60E-06	n/d	n/d
8/1/2018, 8:39	8/8/2018, 8:40	1.29E-01	2.27E-04	2.54E-02	4.45E-05	3.62E-03	6.34E-06	n/d	n/d
8/8/2018, 8:43	8/15/2018, 8:35	1.50E-01	2.63E-04	1.84E-02	3.22E-05	4.14E-03	7.26E-06	n/d	n/d
8/15/2018, 8:37	8/22/2018, 8:40	1.52E-02	2.67E-05	1.98E-03	3.46E-06	3.54E-03	6.20E-06	n/d	n/d
8/22/2018, 8:42	9/1/2018, 9:20	4.50E-02	5.51E-05	4.86E-03	5.95E-06	8.00E-03	9.79E-06	n/d	n/d
9/1/2018, 9:22	9/8/2018, 10:40	1.60E-02	2.78E-05	2.52E-03	4.38E-06	5.44E-03	9.46E-06	n/d	n/d
9/8/2018, 10:42	9/15/2018, 8:50	2.12E-02	3.76E-05	1.69E-03	3.00E-06	4.94E-03	8.75E-06	n/d	n/d
9/15/2018, 8:52	9/22/2018, 9:18	1.58E-02	2.76E-05	2.10E-03	3.67E-06	6.92E-03	1.21E-05	n/d	n/d
9/22/2018, 9:20	10/1/2018, 10:10	1.55E-01	2.12E-04	1.61E-02	2.21E-05	1.44E-02	1.98E-05	n/d	n/d
10/1/2018, 10:12	10/8/2018, 10:20	1.56E-01	3.30E-04	1.87E-02	3.94E-05	8.26E-03	1.74E-05	n/d	n/d
10/8/2018, 10:22	10/15/2018, 10:26	1.19E-01	2.09E-04	1.23E-02	2.16E-05	6.38E-03	1.12E-05	n/d	n/d
10/15/2018, 10:29	10/22/2018, 10:22	3.36E-01	5.95E-04	3.98E-02	7.04E-05	9.08E-03	1.61E-05	n/d	n/d
10/22/2018, 10:14	11/1/2018, 10:02	5.24E-01	6.43E-04	6.02E-02	7.39E-05	1.23E-02	1.51E-05	n/d	n/d
11/1/2018, 10:05	11/8/2018, 10:05	3.28E-01	5.75E-04	3.50E-02	6.13E-05	4.80E-03	8.41E-06	n/d	n/d
11/8/2018, 10:08	11/15/2018, 6:30	4.06E-01	7.45E-04	5.44E-02	9.99E-05	9.32E-03	1.71E-05	n/d	n/d
11/15/2018, 6:32	11/22/2018, 11:30	7.40E-01	1.34E-03	7.96E-02	1.44E-04	1.21E-02	2.20E-05	n/d	n/d
11/22/2018, 11:30	12/1/2018, 9:15	1.36E+00	1.88E-03	1.78E-01	2.46E-04	1.62E-02	2.24E-05	n/d	n/d
12/1/2018, 9:17	12/8/2018, 8:22	8.06E-01	1.49E-03	9.62E-02	1.78E-04	1.06E-02	1.96E-05	n/d	n/d
12/8/2018, 8:24	12/15/2018, 10:00	2.76E-01	5.23E-04	2.92E-02	5.54E-05	7.96E-03	1.51E-05	n/d	n/d
12/15/2018, 10:02	12/22/2018, 10:30	6.08E-01	1.24E-03	9.74E-02	1.99E-04	1.08E-02	2.22E-05	n/d	n/d
12/22/2018, 10:32	1/1/2019, 10:25	7.06E-02	1.19E-04	7.98E-03	1.34E-05	5.64E-03	9.48E-06	n/d	n/d

n/d = no detection or activities below minimum detectable concentrations
 Bq/m3* = Total activity is converted to activity per cubic meter (m3) using flow rate and time

CEMRC Radiological Results Station B

Date/Time Installed	Date/Time Removed	241Am Bq/Sample Alpha Spectroscopy	241Am Bq/m3* Alpha	239+240Pu Bq/Sample Alpha	239+240Pu Bq/m3* Alpha	238Pu Bq/Sample Alpha	238Pu Bq/m3* Alpha	137Cs Bq/Sample Gamma	137Cs Bq/m3* Gamma
1/1/2018, 10:07	2/1/2018, 8:55	4.90E-03	1.94E-06	1.40E-03	5.54E-07	-2.26E-04	-8.93E-08	n/d	n/d
2/1/2018, 8:56	3/1/2018, 8:50	6.14E-03	2.66E-06	8.02E-04	3.47E-07	1.18E-04	5.10E-08	n/d	n/d
3/1/2018, 8:15	4/1/2018, 9:05	1.57E-02	6.84E-06	1.20E-03	5.23E-07	-5.00E-05	-2.18E-08	n/d	n/d
4/1/2018, 9:05	5/1/2018, 8:52	1.21E-02	4.85E-06	1.20E-03	4.80E-07	-1.82E-04	-7.31E-08	n/d	n/d
5/1/2018, 8:54	6/1/2018, 9:05	9.16E-03	3.53E-06	7.70E-04	2.97E-07	-9.92E-05	-3.83E-08	n/d	n/d
6/1/2018, 9:05	7/1/2018, 8:25	3.06E-02	1.22E-05	3.24E-03	1.29E-06	-9.50E-05	-3.79E-08	n/d	n/d
7/1/2018, 8:27	8/1/2018, 8:52	2.32E-02	8.94E-06	3.40E-03	1.31E-06	1.01E-03	3.89E-07	n/d	n/d
8/1/2018, 8:54	9/1/2018, 9:05	1.81E-02	6.98E-06	4.26E-03	1.64E-06	-2.94E-04	-1.13E-07	n/d	n/d
9/1/2018, 9:07	10/1/2018, 9:50	9.66E-03	3.93E-06	1.68E-03	6.84E-07	-2.40E-05	-9.76E-09	n/d	n/d
10/1/2018, 9:53	11/1/2018, 10:19	7.86E-03	3.17E-06	3.06E-04	1.24E-07	-1.17E-04	-4.74E-08	n/d	n/d
11/1/2018, 10:22	12/1/2018, 10:00	8.06E-03	3.28E-06	9.48E-04	3.85E-07	-9.98E-05	-4.06E-08	n/d	n/d
12/1/2018, 10:02	1/1/2019, 10:05	9.06E-03	3.50E-06	8.78E-04	3.39E-07	-2.66E-05	-1.03E-08	n/d	n/d

n/d = no detection or activities below minimum detectable concentrations
 Bq/m3* = Total activity is converted to activity per cubic meter (m3) using flow rate and time