

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
1/1/2019, 10:07	2/1/2019, 10:30	7.80E-03	1.43E-06	2.88E-04	3.25E-08	-1.44E-04	-6.54E-08	n/d	n/d
2/1/2019, 10:32	3/1/2019, 10:10	3.14E-03	3.45E-06	7.14E-05	1.27E-07	-1.67E-04	-7.36E-08	n/d	n/d
3/1/2019, 10:12	4/1/2019, 10:04	2.14E-03	8.47E-07	0.00E+00	0.00E+00	-1.79E-04	-7.10E-08	n/d	n/d
4/1/2019, 10:06	5/1/2019, 10:02	3.68E-03	1.50E-06	3.66E-04	1.50E-07	-1.57E-04	-6.43E-08	n/d	n/d
5/1/2019, 10:04	6/1/2019, 10:25	7.32E-03	3.03E-06	6.32E-04	2.61E-07	-1.40E-04	-5.80E-08	n/d	n/d
6/1/2019, 10:27	7/1/2019, 10:24	8.70E-03	3.56E-06	1.08E-03	4.42E-07	-9.40E-05	-3.85E-08	n/d	n/d
7/1/2019, 10:26	8/1/2019, 10:22	7.62E-03	3.02E-06	9.08E-04	3.60E-07	1.01E-04	4.00E-08	n/d	n/d
8/1/2019, 10:24	9/1/2019, 8:30	9.68E-03	3.84E-06	1.22E-03	4.83E-07	-4.58E-05	-1.82E-08	n/d	n/d
9/1/2019, 8:32	10/1/2019, 10:18	2.98E-03	1.21E-06	1.50E-04	6.12E-08	-1.25E-04	-5.10E-08	n/d	n/d
10/1/2019, 10:20	11/1/2019, 10:23	2.19E-03	9.18E-07	0.00E+00	0.00E+00	-4.00E-04	-1.68E-07	n/d	n/d
11/1/2019, 10:25	12/1/2019, 9:20	2.25E-03	9.20E-07	1.78E-04	7.27E-08	-6.67E-05	-2.73E-08	n/d	n/d
12/1/2019, 9:22	1/1/2020, 9:01	1.37E-02	5.48E-06	4.05E-04	1.62E-07	-2.38E-05	-9.54E-09	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