

CEMRC Radiological Results Station A

Date/Time installed	Date/Time removed	241Am activity, Bq/sample Alpha	241Am Activity, Bq/m3* Alpha	239+240Pu Activity, Bq/sample Alpha	239+240Pu Activity, Bq/m3* Alpha	238Pu Activity, Bq/sample Alpha	238Pu Activity, Bq/m3* Alpha	137Cs activity, Bq/sample Gamma	137Cs Activity, Bq/m3* Gamma
1/1/2020 8:47	1/8/2020 9:10	8.45E-03	1.49E-05	1.18E-03	2.07E-06	4.36E-03	7.67E-06	n/d	n/d
1/8/2020 9:10	1/15/2020 8:13	3.12E-02	5.53E-05	2.10E-03	3.72E-06	6.83E-03	1.21E-05	n/d	n/d
1/15/2020 8:15	1/22/2020 8:11	5.72E-01	1.01E-03	6.20E-02	1.09E-04	7.50E-03	1.32E-05	n/d	n/d
1/22/2020 8:13	2/1/2020 8:40	5.44E-02	6.69E-05	6.12E-03	7.53E-06	9.39E-03	1.15E-05	n/d	n/d
2/1/2020 8:42	2/8/2020 8:10	3.62E-02	6.37E-05	3.99E-03	7.01E-06	6.62E-03	1.16E-05	n/d	n/d
2/8/2020 8:12	2/15/2020 8:00	1.11E-02	1.97E-05	1.90E-03	3.37E-06	3.76E-03	6.69E-06	n/d	n/d
2/15/2020 8:02	2/22/2020 8:18	3.17E-02	5.54E-05	5.71E-03	9.99E-06	7.93E-03	1.39E-05	n/d	n/d
2/22/2020 8:20	3/1/2020 7:15	6.46E-02	9.97E-05	6.06E-03	9.34E-06	6.41E-03	9.88E-06	n/d	n/d
3/1/2020 7:17	3/8/2020 8:35	1.52E-02	2.64E-05	2.24E-03	3.90E-06	3.24E-03	5.64E-06	n/d	n/d
3/8/2020 8:37	3/15/2020 9:05	2.09E-02	1.27E-05	2.28E-03	1.39E-07	7.98E-04	4.87E-06	n/d	n/d
3/15/2020 9:07	3/22/2020 8:45	1.73E-03	3.29E-06	-2.84E-04	-5.39E-07	1.25E-03	2.37E-06	n/d	n/d
3/22/2020 8:47	4/1/2020 8:20	1.74E-02	2.21E-05	2.21E-03	2.80E-06	9.46E-03	1.20E-05	n/d	n/d
4/1/2020 8:22	4/8/2020 8:20	7.31E-03	1.29E-05	8.65E-04	1.52E-06	5.94E-03	1.05E-05	n/d	n/d
4/8/2020 8:22	4/15/2020 10:45	1.92E-02	3.31E-05	3.08E-03	5.32E-06	4.59E-03	7.94E-06	n/d	n/d
4/15/2020 10:47	4/22/2020 15:34	8.69E-03	1.54E-05	6.59E-03	1.17E-06	6.05E-03	1.07E-05	n/d	n/d
4/22/2020 13:22	5/1/2020 9:45	1.34E-01	1.82E-04	1.31E-02	1.78E-05	9.14E-03	1.24E-05	n/d	n/d
5/1/2020 12:40	5/8/2020 9:00	1.90E-02	3.36E-05	2.82E-03	4.98E-06	7.89E-03	1.39E-05	n/d	n/d
5/8/2020 9:02	5/15/2020 7:05	4.28E-02	7.59E-05	7.39E-03	1.31E-05	9.91E-03	1.76E-05	n/d	n/d
5/15/2020 7:07	5/22/2020 8:35	1.01E-03	1.76E-06	1.17E-04	2.04E-07	5.69E-03	9.89E-06	n/d	n/d
5/22/2020 8:37	6/1/2020 8:45	8.89E-02	1.09E-04	1.38E-02	1.70E-05	1.05E-02	1.29E-05	n/d	n/d
6/1/2020 8:47	6/8/2020 7:30	1.46E-02	2.57E-05	6.93E-03	1.57E-06	4.80E-03	8.46E-06	n/d	n/d
6/8/2020 7:32	6/15/2020 8:15	2.58E-02	5.86E-05	3.06E-03	6.95E-06	7.38E-03	1.68E-05	n/d	n/d
6/15/2020 8:17	6/22/2020 8:50	1.74E-02	3.04E-05	1.65E-03	2.89E-06	9.82E-03	1.71E-05	n/d	n/d
6/22/2020 8:52	7/1/2020 7:26	1.52E-02	2.09E-05	1.21E-03	1.65E-06	9.77E-03	1.34E-05	n/d	n/d
7/1/2020 7:28	7/8/2020 7:40	1.19E-02	2.09E-05	2.04E-03	3.57E-06	1.11E-02	1.93E-05	n/d	n/d
7/8/2020 7:42	7/15/2020 8:25	5.66E-03	9.87E-06	8.28E-04	1.44E-06	6.22E-03	1.08E-05	n/d	n/d
7/15/2020 8:27	7/22/2020 7:45	2.18E-02	3.84E-05	3.89E-03	6.84E-06	1.24E-02	2.18E-05	n/d	n/d
7/22/2020 7:47	8/1/2020 7:45	4.11E-01	5.12E-04	6.38E-03	7.95E-05	1.55E-02	1.93E-05	n/d	n/d
8/1/2020 7:47	8/8/2020 8:10	3.87E-02	6.76E-05	4.93E-03	8.62E-06	1.57E-02	2.75E-05	n/d	n/d
8/8/2020 8:12	8/15/2020 7:27	3.91E-02	6.88E-05	4.23E-03	7.45E-06	2.18E-02	3.83E-05	n/d	n/d
8/15/2020 7:29	8/22/2020 8:40	1.67E-02	2.91E-05	3.90E-03	6.79E-06	1.32E-02	2.29E-05	n/d	n/d
8/22/2020 8:42	9/1/2020 9:00	4.49E-02	5.52E-05	3.94E-03	4.85E-06	1.45E-02	1.78E-05	n/d	n/d
9/1/2020 14:15	9/8/2020 9:00	1.77E-02	3.09E-05	3.90E-03	6.84E-06	1.00E-02	1.75E-05	n/d	n/d
9/8/2020 9:02	9/15/2020 9:05	2.84E-02	4.97E-05	1.94E-03	3.39E-06	1.39E-02	2.44E-05	n/d	n/d
9/15/2020 9:07	9/22/2020 9:25	1.06E-02	1.86E-05	6.39E-04	1.12E-06	6.14E-03	1.08E-05	n/d	n/d
9/22/2020 9:30	10/1/2020 7:55	4.88E-03	6.71E-06	6.46E-04	8.88E-07	1.59E-02	2.18E-05	n/d	n/d
10/1/2020 7:57	10/8/2020 8:40	2.34E-03	4.07E-06	8.11E-04	1.41E-06	7.95E-03	1.39E-05	n/d	n/d
10/8/2020 8:42	10/15/2020 8:05	1.11E-02	1.94E-05	2.33E-03	4.09E-06	1.50E-02	2.64E-05	n/d	n/d
10/15/2020 8:07	10/22/2020 8:45	1.83E-02	3.20E-05	3.12E-03	5.44E-06	1.63E-02	2.85E-05	n/d	n/d
10/22/2020 8:47	11/1/2020 7:40	7.63E-03	9.43E-06	1.38E-03	1.71E-06	1.58E-02	1.96E-05	n/d	n/d
11/1/2020 7:42	11/8/2020 8:40	4.34E-02	7.56E-05	4.54E-03	7.91E-06	1.12E-02	1.95E-05	n/d	n/d
11/8/2020 8:42	11/15/2020 8:10	9.80E-03	1.72E-05	1.67E-03	2.94E-06	5.43E-03	9.55E-06	n/d	n/d
11/15/2020 8:12	11/22/2020 8:50	1.25E-02	2.19E-05	1.26E-03	2.20E-06	7.55E-03	1.32E-05	n/d	n/d
11/22/2020 8:52	12/1/2020 7:10	7.58E-03	1.04E-05	1.43E-03	1.97E-06	8.71E-03	1.20E-05	n/d	n/d
12/1/2020 7:12	12/8/2020 9:47	8.77E-03	1.52E-05	9.72E-04	1.68E-06	1.09E-02	1.89E-05	n/d	n/d
12/8/2020 9:49	12/15/2020 9:05	6.21E-03	1.09E-05	4.19E-04	7.37E-07	6.78E-03	1.19E-05	n/d	n/d
12/15/2020 9:07	12/22/2020 9:15	4.79E-03	8.41E-06	3.34E-04	5.87E-07	4.86E-03	8.54E-06	n/d	n/d
12/22/2020 9:17	1/1/2021 11:12	1.05E-02	1.28E-05	1.31E-03	1.59E-06	1.35E-02	1.64E-05	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 activity, Bq/sample Alpha	241Am Activity, Bq/m3* Alpha	239+240Pu Activity, Bq/sample Alpha	239+240Pu Activity, Bq/m3* Alpha	238Pu Activity, Bq/Sample Alpha	238Pu Activity, Bq/m3* Alpha	137Cs activity, Bq/sample Gamma	137Cs Activity, Bq/m3* Gamma
1/1/2020 9:03	2/1/2020 9:05	1.21E-03	4.77E-07	n/d	n/d	n/d	n/d	n/d	n/d
2/1/2020 9:07	3/1/2020 7:55	4.40E-03	1.87E-06	n/d	n/d	n/d	n/d	n/d	n/d
3/1/2020 7:57	4/1/2020 8:40	3.92E-03	1.88E-06	n/d	n/d	n/d	n/d	n/d	n/d
4/1/2020 8:42	5/1/2020 8:00	9.79E-04	4.00E-07	n/d	n/d	n/d	n/d	n/d	n/d
5/1/2020 8:02	6/1/2020 9:10	4.09E-03	1.61E-06	n/d	n/d	n/d	n/d	n/d	n/d
6/1/2020 9:12	7/1/2020 7:45	8.83E-03	3.81E-06	n/d	n/d	n/d	n/d	n/d	n/d
7/1/2020 7:47	8/1/2020 9:10	6.68E-03	2.64E-06	n/d	n/d	n/d	n/d	n/d	n/d
8/1/2020 9:12	9/1/2020 8:30	3.28E-03	1.30E-06	n/d	n/d	n/d	n/d	n/d	n/d
9/1/2020 8:32	10/1/2020 8:20	4.48E-03	1.83E-06	n/d	n/d	n/d	n/d	n/d	n/d
10/1/2020 8:22	11/1/2020 7:20	5.65E-03	2.24E-06	1.84E-03	7.28E-07	n/d	n/d	n/d	n/d
11/1/2020 7:22	12/1/2020 7:35	7.33E-03	3.00E-06	n/d	n/d	n/d	n/d	n/d	n/d
12/1/2020 7:37	1/1/2021 11:40	4.86E-03	1.92E-06	n/d	n/d	n/d	n/d	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									