

2021 Environmental Dashboard: Toronto (Uranium)

At BWXT Nuclear Energy Canada's (BWXT NEC) Toronto facility, air and water emissions are continuously measured for the presence of uranium and results show the 1025 Lansdowne Street facility has very low emissions. Airborne and liquid effluent discharged from a fuel fabrication facility like BWXT NEC are regulated by concentration limits. Action Levels and our own internal limits are set at just a fraction of the Licence Release Limits to keep public exposure to any radiation as low as possible. To learn more, visit www.bwxt.com/bwxt-nec/environmental-monitoring or refer to our Annual Compliance Reports which can be found at www.bwxt.com/bwxt-nec/safety/our-compliance-record.

BWXT NEC has developed this dashboard to provide the public with more detail on our emissions. This document will be updated throughout the year. If you have questions about the data, please contact us at questions@bwxt.com or 1.855.696.9588 (toll-free).

Water				Stack (Air)				Boundary (Air)			
Status: no action level exceedances				Status: no action level exceedances				Status: no action level exceedances			
Week	Concentration (mg/L)	Licence Release Limit (mg/L)	Number of Action Level Exceedances	Week	Average Concentration (µg/m³)	Licence Release Limit (µg/m³)	Number of Action Level Exceedances	Week	Average Concentration (µg/m³)	Action Level (µg/m³)	Number of Action Level Exceedances
1	0.10	1000	0	1	0.03	47	0	1	0.0003	0.08	0
2	0.10	1000	0	2	0.03	47	0	2	0.0003	0.08	0
3	0.16	1000	0	3	0.03	47	0	3	0.0003	0.08	0
4	0.23	1000	0	4	0.04	47	0	4	0.0002	0.08	0
5	0.13	1000	0	5	0.09	47	0	5	0.0003	0.08	0
6	0.13	1000	0	6	0.08	47	0	6	0.0003	0.08	0
7	0.11	1000	0	7	0.10	47	0	7	0.0006	0.08	0
8	0.08	1000	0	8	0.09	47	0	8	0.0003	0.08	0
9	0.11	1000	0	9	0.11	47	0	9	0.0006	0.08	0
10	0.37	1000	0	10	0.07	47	0	10	0.0003	0.08	0
11	0.59	1000	0	11	0.07	47	0	11	0.0003	0.08	0
12	0.59	1000	0	12	0.08	47	0	12	0.0003	0.08	0
13	0.47	1000	0	13	0.11	47	0	13	0.0002	0.08	0
14	0.59	1000	0	14	0.09	47	0	14	0.0003	0.08	0
15	0.31	1000	0	15	0.03	47	0	15	0.0002	0.08	0
16	0.22	1000	0	16	0.02	47	0	16	0.0012	0.08	0
17	0.27	1000	0	17	0.02	47	0	17	0.0002	0.08	0
18	0.20	1000	0	18	0.03	47	0	18	0.0003	0.08	0
19	0.43	1000	0	19	0.02	47	0	19	0.0003	0.08	0
20	0.23	1000	0	20	0.02	47	0	20	0.0003	0.08	0
21	0.39	1000	0	21	0.02	47	0	21	0.0004	0.08	0
22	0.32	1000	0	22	0.02	47	0	22	0.0003	0.08	0
23	0.20	1000	0	23	0.01	47	0	23	0.0004	0.08	0
24	0.24	1000	0	24	0.02	47	0	24	0.0003	0.08	0
25	0.23	1000	0	25	0.02	47	0	25	0.0003	0.08	0
26	0.37	1000	0	26	0.01	47	0	26	0.0003	0.08	0
27	0.18	1000	0	27	0.03	47	0	27	0.0002	0.08	0
28	0.21	1000	0	28	0.02	47	0	28	0.0004	0.08	0
29	0.23	1000	0	29	0.02	47	0	29	0.0003	0.08	0
30	0.30	1000	0	30	0.01	47	0	30	0.0002	0.08	0
31	0.25	1000	0	31	0.01	47	0	31	0.0002	0.08	0
32	0.07	1000	0	32	0.01	47	0	32	0.0002	0.08	0
33	0.09	1000	0	33	0.02	47	0	33	0.0002	0.08	0
34	0.10	1000	0	34	0.01	47	0	34	0.0003	0.08	0
35	0.11	1000	0	35	0.02	47	0	35	0.0005	0.08	0
36	0.15	1000	0	36	0.01	47	0	36	0.0003	0.08	0
37	0.21	1000	0	37	0.00	47	0	37	0.0002	0.08	0
38	0.17	1000	0	38	0.01	47	0	38	0.0003	0.08	0
39	0.32	1000	0	39	0.00	47	0	39	0.0003	0.08	0
40	0.26	1000	0	40	0.01	47	0	40	0.0002	0.08	0
41	0.19	1000	0	41	0.01	47	0	41	0.0003	0.08	0
42	0.19	1000	0	42	0.01	47	0	42	0.0003	0.08	0
43	0.21	1000	0	43	0.01	47	0	43	0.0004	0.08	0
44	0.25	1000	0	44	0.01	47	0	44	0.0003	0.08	0
45	0.24	1000	0	45	0.01	47	0	45	0.0003	0.08	0
46	0.73	1000	0	46	0.01	47	0	46	0.0003	0.08	0
47		1000		47	0.01	47	0	47		0.08	
48		1000		48		47		48		0.08	
49		1000		49		47		49		0.08	
50		1000		50		47		50		0.08	
51		1000		51		47		51		0.08	
52		1000		52		47		52		0.08	

Note: Week 1 started on January 4, 2021