

Fly Ash Quarterly Report

October 1, 2021 to December 31, 2021

The following quarterly fly ash report was sent to the Ministry of Environment and Climate Change Strategy on February 4, 2022.

October 1, 2021 to December 31, 2021	
Number of loads	14
Samples with leachable cadmium above the detection limit	7
Maximum leachable cadmium value (mg/L)	0.438
Samples with leachable lead above the detection limit	18
Maximum leachable lead value (mg/L)	1.60

date sample sent to lab	lab sample number	Covanta Sample ID	name of lab	date of report	pH 2:1	TCLP					
						initial pH	pH after HCl	pH of leaching fluid	final pH	cadmium	lead
3-Dec-21	VA21C7021-001	BURFA WMXU 2001880 Dec 2, 2021	ALS	6-Dec-21	11.9	12.2	11	2.89	10.3	<0.050	<0.25
3-Dec-21	VA21C7021-002	BURFA WMXU 2002125 Dec 2, 2021	ALS	6-Dec-21	11.9	12.4	11.7	2.89	11.4	<0.050	<0.25
6-Dec-21	VA21C7155-001	BURFA WMXU 2002212 Dec 4, 2021	ALS	7-Dec-21	11.8	12.4	12.3	2.88	12.1	<0.050	0.25
6-Dec-21	VA21C7156-001	BURFA WMXU 2001031 Dec 5, 2021	ALS	7-Dec-21	11.8	12.4	12.3	2.88	12.1	<0.050	<0.25
6-Dec-21	VA21C7156-002	BURFA WMXU 2000360 Dec 5, 2021	ALS	7-Dec-21	11.8	12.4	12.3	2.88	12.1	<0.050	0.28
7-Dec-21	VA21C7233-001	BURFA WMXU 2000863 Dec 6, 2021	ALS	8-Dec-21	11.8	12.4	12.1	2.92	11.8	<0.050	<0.25
7-Dec-21	VA21C7233-002	BURFA WMXU 2001350 Dec 6, 2021	ALS	8-Dec-21	11.8	12.4	12.2	2.92	12	<0.050	<0.25
8-Dec-21	VA21C7358-001	BURFA WMXU 2001896 Dec 7, 2021	ALS	9-Dec-21	11.8	12.4	12	2.87	11.9	<0.050	<0.25
8-Dec-21	VA21C7358-002	BURFA WMXU 2001258 Dec 7, 2021	ALS	9-Dec-21	11.9	12.4	11.9	2.87	11.4	<0.050	<0.25
9-Dec-21	VA21C7458-001	BURFA WMXU 2000210 Dec 8, 2021	ALS	10-Dec-21	11.8	12.4	12.1	2.86	12	<0.050	<0.25
9-Dec-21	VA21C7458-002	BURFA WMXU 2001833 Dec 8, 2021	ALS	10-Dec-21	11.8	12.4	12.2	2.86	12.2	<0.050	0.47
10-Dec-21	VA21C7583-001	BURFA WMXU 2001746 Dec 9, 2021	ALS	13-Dec-21	11.8	12.4	12.2	2.87	12	<0.050	<0.25
10-Dec-21	VA21C7583-002	BURFA WMXU 2002070 Dec 9, 2021	ALS	13-Dec-21	11.8	12.4	12.2	2.87	12	<0.050	<0.25
13-Dec-21	VA21C7719-001	BURFA WMXU 2001725 Dec 12, 2021	ALS	14-Dec-21	11.8	12.5	12.3	2.84	11.5	<0.050	<0.25
13-Dec-21	VA21C7719-002	BURFA WMXU 2000740 Dec 12, 2021	ALS	14-Dec-21	11.8	12.5	12.3	2.84	11.4	<0.050	<0.25
13-Dec-21	VA21C7721-001	BURFA WMXU 2002130 Dec 10, 2021	ALS	14-Dec-21	11.8	12.4	12.1	2.84	10.7	<0.050	<0.25
13-Dec-21	VA21C7721-002	BURFA WMXU 2001406 Dec 10, 2021	ALS	14-Dec-21	11.8	12.5	12	2.84	10.8	<0.050	<0.25
14-Dec-21	VA21C7792-001	BURFA WMXU 2000225 Dec 13, 2021	ALS	15-Dec-21	11.8	12.5	12	2.86	11.4	<0.050	<0.25
14-Dec-21	VA21C7792-002	BURFA WMXU 2001957 Dec 13, 2021	ALS	15-Dec-21	11.8	12.5	11.8	2.86	10.6	<0.050	<0.25
15-Dec-21	VA21C7963-001	BURFA WMXU 2001793 Dec 14, 2021	ALS	17-Dec-21	11.8	12.5	12	2.85	11.2	<0.050	<0.25
16-Dec-21	VA21C8055-001	BURFA WMXU 2002104 Dec 15, 2021	ALS	17-Dec-21	11.9	12.4	11.7	2.87	10.6	<0.050	<0.25
16-Dec-21	VA21C8055-002	BURFA WMXU 2001448 Dec 15, 2021	ALS	17-Dec-21	11.8	12.4	12	2.87	11	<0.050	<0.25
17-Dec-21	VA21C8206-001	BURFA WMXU 2001690 Dec 16, 2021	ALS	20-Dec-21	11.8	12.5	12	2.86	11.3	<0.050	<0.25
17-Dec-21	VA21C8206-002	BURFA WMXU 2001751 Dec 16, 2021	ALS	20-Dec-21	11.8	12.4	11.9	2.86	11	<0.050	<0.25
20-Dec-21	VA21C8327-001	BURFA WMXU 2001978 Dec 17, 2021	ALS	21-Dec-21	11.8	12.3	11.9	2.88	10.7	<0.050	<0.25
20-Dec-21	VA21C8327-002	BURFA WMXU 2001263 Dec 17, 2021	ALS	21-Dec-21	11.8	12.3	11.7	2.88	10.6	<0.050	<0.25
21-Dec-21	VA21C8396-001	BURFA WMXU 2000117 Dec 20, 2021	ALS	22-Dec-21	11.8	12.4	11.8	2.88	10.8	<0.050	<0.25
21-Dec-21	VA21C8396-002	BURFA WMXU 2001983 Dec 20, 2021	ALS	22-Dec-21	11.9	12.4	11.7	2.88	10.6	<0.050	<0.25
22-Dec-21	VA21C8473-001	BURFA WMXU 2001392 Dec 21, 2021	ALS	23-Dec-21	11.7	12.4	11.3	2.89	10.6	<0.050	<0.25
22-Dec-21	VA21C8473-002	BURFA WMXU 2001812 Dec 21, 2021	ALS	23-Dec-21	11.8	12.2	11.1	2.89	10.1	<0.050	<0.25
22-Dec-21	VA21C8473-003	BURFA WMXU 2001582 Dec 21, 2021	ALS	23-Dec-21	11.8	12.4	11.6	2.89	10.5	<0.050	<0.25
22-Dec-21	VA21C8586-001	BURFA WMXU 2002300 Dec 22, 2021	ALS	28-Dec-21	11.7	12.4	11.5	2.9	11.9	<0.050	<0.25
22-Dec-21	VA21C8586-002	BURFA WMXU 2000101 Dec 22, 2021	ALS	28-Dec-21	11.8	12.3	11.2	2.9	10.5	<0.050	<0.25
28-Dec-21	VA21C8766-001	BURFA WMXU 2000056 Dec 24, 2021	ALS	30-Dec-21	11.8	12.4	12.2	2.92	11.8	<0.050	<0.25
28-Dec-21	VA21C8766-002	BURFA WMXU 2001411 Dec 24, 2021	ALS	30-Dec-21	11.8	12.4	12	2.92	11.2	<0.050	<0.25
28-Dec-21	VA21C8766-003	BURFA WMXU 2000190 Dec 24, 2021	ALS	30-Dec-21	11.3	12	9.7	2.92	7.5	0.155	<0.25
24-Dec-21	VA21C8749-001	BURFA WMXU 2000837 Dec 23, 2021	ALS	30-Dec-21	11.8	12.2	11	2.92	9.09	<0.050	<0.25
24-Dec-21	VA21C8749-002	BURFA WMXU 2001854 Dec 23, 2021	ALS	30-Dec-21	11.4	12.2	10.8	2.92	8.85	<0.050	<0.25
29-Dec-21	VA21C8801-001	BURFA WMXU 2002022 Dec 28, 2021	ALS	30-Dec-21	11.2	12.1	11	2.92	7.94	0.077	<0.25
29-Dec-21	VA21C8801-002	BURFA WMXU 2001129 Dec 28, 2021	ALS	30-Dec-21	11.2	11.9	10.3	2.92	7.02	0.288	<0.25
30-Dec-21	VA21C8840-001	BURFA WMXU 2002254 Dec 29, 2021	ALS	4-Jan-22	10.3	12	10.6	2.9	7.29	0.175	<0.25
30-Dec-21	VA21C8840-002	BURFA WMXU 2001495 Dec 29, 2021	ALS	4-Jan-22	11.7	12.4	12.3	2.9	12	<0.050	0.35
31-Dec-21	VA22A0021-002	BURFA WMXU 2000605 Dec 30, 2021	ALS	5-Jan-22	11.8	12.4	12.1	2.91	11.5	<0.050	<0.25
4-Jan-22	VA22A0019-001	BURFA WMXU 2001221 Dec 31, 2021	ALS	5-Jan-22	11.8	12.4	11.9	2.91	11	<0.050	<0.25
4-Jan-22	VA22A0020-001	BURFA WMXU 2002207 Dec 31, 2021	ALS	5-Jan-22	11.8	12.4	12.2	2.91	11.6	<0.050	<0.25
7-Jan-22	VA22A0247-001	FA2112	ALS	14-Jan-22	11.8	12.5	11.7	2.86	10.9	<0.050	<0.25