

Fly Ash Quarterly Report

July 1, 2021 to September 30, 2021

The following quarterly fly ash report was sent to the Ministry of Environment and Climate Change Strategy on October 28, 2021.

July 1, 2021 to September 30, 2021	
Number of loads	122
Samples with leachable cadmium above the detection limit	0
Maximum leachable cadmium value (mg/L)	<0.05
Samples with leachable lead above the detection limit	63
Maximum leachable lead value (mg/L)	2.66

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
30-Aug-21	VA21B8527-001	BURFA WMXU 2000919 Aug 29, 2021	ALS	31-Aug-21	11.7	12.4	12.2	2.87	12.1	<0.050	1.53
31-Aug-21	VA21B8612-001	BURFA WMXU 2000354 Aug 30, 2021	ALS	1-Sep-21	11.8	12.4	12.1	2.88	12.1	<0.050	0.72
31-Aug-21	VA21B8612-002	BURFA WMXU 2000400 Aug 30, 2021	ALS	1-Sep-21	11.8	12.4	12.2	2.88	12.3	<0.050	2.66
1-Sep-21	VA21B8743-001	BURFA WMXU 2002064 Aug 31, 2021	ALS	3-Sep-21	11.7	12.4	12	2.85	12.2	<0.050	1.91
1-Sep-21	VA21B8743-002	BURFA WMXU 2000170 Aug 31, 2021	ALS	3-Sep-21	11.7	12.4	12.1	2.85	12.2	<0.050	1.14
8-Sep-21	VA21B9282-001	FA2108	ALS	15-Sep-21	11.6	12.4	12.3	2.87	11.7	<0.050	<0.25
2-Sep-21	VA21B8898-001	BURFA WMXU 2001767 Sep 1, 2021	ALS	3-Sep-21	11.7	12.4	11.9	2.87	12.3	<0.050	1.31
2-Sep-21	VA21B8898-002	BURFA WMXU 2001026 Sep 1, 2021	ALS	3-Sep-21	11.7	12.4	12	2.87	12.3	<0.050	1.67
3-Sep-21	VA21B8989-001	BURFA WMXU 2001108 Sep 2, 2021	ALS	7-Sep-21	11.7	12.4	11.7	2.85	12	<0.050	0.53
3-Sep-21	VA21B8989-002	BURFA WMXU 2000415 Sep 2, 2021	ALS	7-Sep-21	11.7	12.4	12	2.85	12	<0.050	0.62
7-Sep-21	VA21B9165-001	BURFA WMXU 2000987 Sep 5, 2021	ALS	8-Sep-21	11.9	12.4	12.2	2.83	12.3	<0.050	1.49
7-Sep-21	VA21B9166-001	BURFA WMXU 2000441 Sep 3, 2021	ALS	8-Sep-21	11.8	12.4	11.6	2.83	11.8	<0.050	<0.25
7-Sep-21	VA21B9168-001	BURFA WMXU 2000523 Sep 6, 2021	ALS	8-Sep-21	11.8	12.4	12.1	2.83	12.3	<0.050	1.74
8-Sep-21	VA21B9257-001	BURFA WMXU 2001807 Sep 7, 2021	ALS	9-Sep-21	11.8	12.5	12.3	2.89	12.3	<0.050	2.06
8-Sep-21	VA21B9257-002	BURFA WMXU 2002188 Sep 7, 2021	ALS	9-Sep-21	11.8	12.4	12.3	2.89	12.2	<0.050	1.86
9-Sep-21	VA21B9393-001	BURFA WMXU 2000164 Sep 8, 2021	ALS	10-Sep-21	11.8	12.4	12	2.88	11.4	<0.050	<0.25
9-Sep-21	VA21B9393-002	BURFA WMXU 2000204 Sep 8, 2021	ALS	10-Sep-21	11.7	12.4	12.3	2.88	12	<0.050	0.46
10-Sep-21	VA21B9554-001	BURFA WMXU 2000035 Sep 8, 2021	ALS	11-Sep-21	11.8	12.4	11.8	2.87	12.2	<0.050	0.97
11-Sep-21	VA21B9554-002	BURFA WMXU 2000396 Sep 8, 2021	ALS	12-Sep-21	11.8	12.3	11.8	2.87	11.5	<0.050	<0.25
13-Sep-21	VA21B9750-001	BURFA WMXU 2000267 Sep 10, 2021	ALS	14-Sep-21	11.7	12.4	12.4	2.88	12.3	<0.050	1.43
13-Sep-21	VA21B9751-001	BURFA WMXU 2001880 Sep 12, 2021	ALS	14-Sep-21	11.7	12.4	12.3	2.88	12.3	<0.050	1.83
13-Sep-21	VA21B9751-002	BURFA WMXU 2002110 Sep 12, 2021	ALS	14-Sep-21	11.7	12.4	12.3	2.88	12.2	<0.050	1.18
14-Sep-21	VA21B9903-001	BURFA WMXU 2001010 Sep 13, 2021	ALS	15-Sep-21	11.8	12.4	12	2.88	11.9	<0.050	<0.25
14-Sep-21	VA21B9903-002	BURFA WMXU 2002043 Sep 13, 2021	ALS	15-Sep-21	11.8	12.4	12.1	2.88	12.1	<0.050	0.55
15-Sep-21	VA21C0058-001	BURFA WMXU 2002022 Sep 14, 2021	ALS	16-Sep-21	11.7	12.4	12.2	2.89	12.3	<0.050	1.93
15-Sep-21	VA21C0058-002	BURFA WMXU 2000366 Sep 14, 2021	ALS	16-Sep-21	11.8	12.4	12.2	2.89	11.9	<0.050	<0.25
16-Sep-21	VA21C0236-001	BURFA WMXU 2000288 Sep 15, 2021	ALS	17-Sep-21	11.7	12.4	12.2	2.88	12.3	<0.050	1.58
17-Sep-21	VA21C0342-001	BURFA WMXU 2001896 Sep 16, 2021	ALS	20-Sep-21	11.8	12.4	12.1	2.87	12.3	<0.050	1.99
17-Sep-21	VA21C0342-002	BURFA WMXU 2002104 Sep 16, 2021	ALS	20-Sep-21	11.8	12.4	12	2.87	11.6	<0.050	<0.25
20-Sep-21	VA21C0516-001	BURFA WMXU 2000210 Sep 19, 2021	ALS	21-Sep-21	11.8	12.4	12.3	2.89	12.3	<0.050	0.83
21-Sep-21	VA21C0633-001	BURFA WMXU 2001978 Sep 20, 2021	ALS	22-Sep-21	11.8	12.4	12.3	2.87	12	<0.050	<0.25
21-Sep-21	VA21C0633-002	BURFA WMXU 2000246 Sep 20, 2021	ALS	22-Sep-21	11.8	12.4	12.1	2.87	12.1	<0.050	<0.25
22-Sep-21	VA21C0750-001	BURFA WMXU 2000457 Sep 21, 2021	ALS	23-Sep-21	11.8	12.4	12.4	2.91	12	<0.050	<0.25
22-Sep-21	VA21C0750-002	BURFA WMXU 2002275 Sep 21, 2021	ALS	23-Sep-21	11.8	12.4	12.3	2.91	12.2	<0.050	0.55
23-Sep-21	VA21C0912-001	BURFA WMXU 2000924 Sep 22, 2021	ALS	24-Sep-21	11.8	12.4	11.8	2.86	10.6	<0.050	<0.25
24-Sep-21	VA21C1098-001	BURFA WMXU 2000349 Sep 23, 2021	ALS	27-Sep-21	12	12.2	12	2.85	10.2	<0.050	<0.25
27-Sep-21	VA21C1233-001	BURFA WMXU 2001849 Sep 26, 2021	ALS	28-Sep-21	11.8	12.4	12.2	2.89	11.9	<0.050	<0.25
28-Sep-21	VA21C1311-001	BURFA WMXU 2002300 Sep 27, 2021	ALS	29-Sep-21	11.8	12.4	12.1	2.89	12	<0.050	0.32
28-Sep-21	VA21C1311-002	BURFA WMXU 2000837 Sep 27, 2021	ALS	29-Sep-21	11.9	12.4	12.1	2.89	11.9	<0.050	<0.25
29-Sep-21	VA21C1436-001	BURFA WMXU 2001957 Sep 28, 2021	ALS	30-Sep-21	11.7	12.3	11.9	2.87	10.9	<0.050	<0.25
29-Sep-21	VA21C1436-002	BURFA WMXU 2000478 Sep 28, 2021	ALS	30-Sep-21	11.7	12.3	12.1	2.87	11.4	<0.050	<0.25
1-Oct-21	VA21C1625-001	BURFA WMXU 2000251 Sep 30, 2021	ALS	4-Oct-21	11.8	12.3	11.8	2.91	10.6	<0.050	<0.25
1-Oct-21	VA21C1623-001	BURFA WMXU 2000879 Sep 30, 2021	ALS	4-Oct-21	11.8	12.3	11.5	2.91	10.2	<0.050	<0.25
6-Oct-21	VA21C1989-001	FA2109	ALS	25-Oct-21	11.8	12.4	12	2.88	11.8	<0.050	<0.25