

Fly Ash Quarterly Report

July 1, 2020 to September 30, 2020

The following quarterly fly ash report was sent to the Ministry of Environment and Climate Change Strategy on November 5, 2020.

July 1, 2020 to September, 2020	
Number of loads	105
Samples with leachable cadmium above the detection limit	19
Maximum leachable cadmium value (mg/L)	0.412
Samples with leachable lead above the detection limit	6
Maximum leachable lead value (mg/L)	1.29

Note: The results include monthly fly ash composite samples.

sent to lab	number					initial pH	pH after HCl	pH of leaching fluid	final pH	cadmium	lead
10-Sep-20	VA20B4831-001	BURFA WMXU 2000565 Sep 9, 2020	ALS	11-Sep-20	11.7	12.2	11.6	2.88	10.3	<0.050	<0.25
10-Sep-20	VA20B4831-002	BURFA WMXU 2000035 Sep 9, 2020	ALS	11-Sep-20	11.7	12.3	11.9	2.88	11.2	<0.050	<0.25
11-Sep-20	VA20B4951-001	BURFA WMXU 2001237 Sep 10, 2020	ALS	14-Sep-20	11.5	12.2	11.6	2.9	11	<0.050	<0.25
11-Sep-20	VA20B4951-002	BURFA WMXU 2000708 Sep 10, 2020	ALS	14-Sep-20	11.6	12	11.1	2.9	8.92	0.074	<0.25
14-Sep-20	VA20B5129-001	BURFA WMXU 2001052 Sep 13, 2020	ALS	15-Sep-20	11.6	12.2	11.9	2.89	9.58	<0.050	<0.25
14-Sep-20	VA20B5129-002	BURFA WMXU 2000966 Sep 13, 2020	ALS	15-Sep-20	11.6	12.2	11.8	2.89	9.83	<0.050	<0.25
15-Sep-20	VA20B5227-002	BURFA WMXU 2000441 Sep 14, 2020	ALS	16-Sep-20	11.6	12	10.2	2.9	7.15	0.373	<0.25
17-Sep-20	VA20B5460-001	BURFA WMXU 2001200 Sep 16, 2020	ALS	18-Sep-20	11.6	12.3	11.8	2.91	10.4	<0.050	<0.25
17-Sep-20	VA20B5460-002	BURFA WMXU 2000605 Sep 16, 2020	ALS	18-Sep-20	11.6	12.3	12	2.91	11.3	<0.050	<0.25
18-Sep-20	VA20B5615-001	BURFA WMXU 2000945 Sep 17, 2020	ALS	21-Sep-20	11.6	12.3	12.2	2.9	10.6	<0.050	<0.25
18-Sep-20	VA20B5615-002	BURFA WMXU 2000312 Sep 17, 2020	ALS	21-Sep-20	11.7	12.3	12.2	2.9	11.1	<0.050	<0.25
21-Sep-20	VA20B5772-001	BURFA WMXU 2001176 Sep 20, 2020	ALS	24-Sep-20	11.7	12.3	12	2.88	11.4	<0.050	<0.25
23-Sep-20	VA20B5772-002	BURFA WMXU 2000879 Sep 20, 2020	ALS	25-Sep-20	11.7	12.4	12.1	2.88	11.2	<0.050	<0.25
22-Sep-20	VA20B5854-001	BURFA WMXU 2000903 Sep 21, 2020	ALS	23-Sep-20	11.6	12.3	12.3	2.89	11.5	<0.050	<0.25
22-Sep-20	VA20B5854-002	BURFA WMXU 2001134 Sep 21, 2020	ALS	23-Sep-20	11.7	12.3	12.2	2.89	11	<0.050	<0.25
23-Sep-20	VA20B5997-001	BURFA WMXU 2000668 Sep 22, 2020	ALS	24-Sep-20	11.6	12.3	12.3	2.87	12	<0.050	0.75
24-Sep-20	VA20B6154-001	BURFA WMXU 2000190 Sep 23, 2020	ALS	25-Sep-20	11.5	12.3	12.3	2.9	11.8	<0.050	0.48
25-Sep-20	VA20B6323-001	BURFA WMXU 2000380 Sep 24, 2020	ALS	28-Sep-20	11.7	12.3	11.8	2.91	11.4	<0.050	<0.25
28-Sep-20	VA20B6522-001	BURFA WMXU 2000462 Sep 27, 2020	ALS	29-Sep-20	11.7	12.3	12	2.89	11.4	<0.050	<0.25
30-Sep-20	VA20B6776-001	BURFA WMXU 2001242 Sep 29, 2020	ALS	1-Oct-20	11.4	12.1	10.6	2.88	6.8	0.098	<0.25
1-Oct-20	VA20B6902-001	BURFA WMXU 2000992 Sep 30, 2020	ALS	2-Oct-20	10.8	11.8	10.5	2.87	7.52	0.336	<0.25
1-Oct-20	VA20B6902-002	BURFA WMXU 2001068 Sep 30, 2020	ALS	2-Oct-20	11	11.9	10.7	2.87	7.55	0.308	<0.25
29-Sep-20	VA20B6615-001	BURFA WMXU 2000591 Sep 28, 2020	ALS	30-Sep-20	11.7	12.1	11.6	2.89	10.5	<0.050	<0.25
7-Oct-20	VA20B7502-001	FA2009	ALS	19-Oct-20	11.6	12.2	11.5	2.91	10.1	<0.050	<0.25