

## Fly Ash Quarterly Report

January 1, 2018 to March 31, 2018

The following quarterly fly ash report was sent to the Ministry of Environment and Climate Change Strategy on May 8, 2018.

All of the fly ash loads passed the Leachate Quality Standards and pH requirements of the Hazardous Waste Regulation prior to being released for landfill disposal.

<b>January 1, 2018 to March 31, 2018</b>	
Number of loads tested	127
Number of samples submitted	130
Samples with leachable cadmium above the detection limit	9
Maximum leachable cadmium value (mg/L) of loads released for disposal	0.377
Samples with leachable lead above the detection limit	10
Maximum leachable lead value (mg/L) of loads released for disposal	4.36
Loads meeting Leachate Quality Standards and pH requirements of the Hazardous Waste Regulation	127
Loads reprocessed on site	0

Note: The number of samples submitted includes monthly fly ash composite samples.



sent to lab	number					initial pH	pH after HCl	pH of leaching fluid	final pH	cadmium	lead
1-Mar-18	L2062535-1	BURFA WMXU 2000375 Feb 28, 2018	ALS	2-Mar-18	11.63	12.32	12.13	2.85	10.77	<0.050	<0.25
1-Mar-18	L2062535-2	BURFA WMXU 2000328 Feb 28, 2018	ALS	2-Mar-18	11.64	12.29	12.16	2.85	11.04	<0.050	<0.25
2-Mar-18	L2063086	FA 1802	ALS	13-Mar-18	11.61	12.12	11.82	2.91	10.49	<0.050	<0.25
2-Mar-18	L2063087-1	BURFA WMXU 2000776 Mar 1, 2018	ALS	5-Mar-18	11.68	12.26	12.03	2.92	10.98	<0.050	<0.25
2-Mar-18	L2063087-2	BURFA WMXU 2000945 Mar 1, 2018	ALS	5-Mar-18	11.69	12.27	11.98	2.92	10.59	<0.050	<0.25
5-Mar-18	L2063520-1	BURFA WMXU 2000694 Mar 4, 2018	ALS	6-Mar-18	11.69	12.24	11.98	2.86	10.51	<0.050	<0.25
5-Mar-18	L2063520-2	BURFA WMXU 2000267 Mar 4, 2018	ALS	6-Mar-18	11.64	12.28	12.17	2.86	11.28	<0.050	<0.25
6-Mar-18	L2064016-1	BURFA WMXU 2000652 Mar 5, 2018	ALS	7-Mar-18	11.66	12.13	11.82	2.91	11.26	<0.050	<0.25
6-Mar-18	L2064016-2	BURFA WMXU 2001134 Mar 5, 2018	ALS	7-Mar-18	11.66	12.22	12.21	2.91	12.16	<0.050	1.56
7-Mar-18	L2064674-1	BURFA WMXU 2001176 Mar 6, 2018	ALS	8-Mar-18	11.65	12.3	12.17	2.88	11.88	<0.050	0.3
7-Mar-18	L2064674-2	BURFA WMXU 2001094 Mar 6, 2018	ALS	8-Mar-18	11.66	12.22	12.02	2.88	10.67	<0.050	<0.25
8-Mar-18	L2065384-1	BURFA WMXU 2000159 Mar 7, 2018	ALS	9-Mar-18	11.62	12.36	12.14	2.88	11.66	<0.050	<0.25
8-Mar-18	L2065384-2	BURFA WMXU 2000122 Mar 7, 2018	ALS	9-Mar-18	11.61	12.32	12.1	2.88	11.79	<0.050	<0.25
9-Mar-18	L2065885-1	BURFA WMXU 2000246 Mar 8, 2018	ALS	12-Mar-18	11.64	12.29	11.91	2.86	9.66	<0.050	<0.25
9-Mar-18	L2065885-2	BURFA WMXU 2000040 Mar 8, 2018	ALS	12-Mar-18	11.65	12.33	12.15	2.86	11.83	<0.050	<0.25
12-Mar-18	L2066409-1	BURFA WMXU 2000879 Mar 11, 2018	ALS	13-Mar-18	11.57	12.35	12.27	2.87	11.71	<0.050	0.35
12-Mar-18	L2066408-2	BURFA WMXU 2000631 Mar 11, 2018	ALS	13-Mar-18	11.58	12.34	12.24	2.87	11.79	<0.050	0.48
13-Mar-18	L2066900-1	BURFA WMXU 2000930 Mar 12, 2018	ALS	14-Mar-18	11.56	12.27	12.08	2.84	10.96	<0.050	<0.25
14-Mar-18	L2067746-1	BURFA WMXU 2000360 Mar 13, 2018	ALS	15-Mar-18	11.59	12.38	12.37	2.85	12.2	<0.050	2.95
14-Mar-18	L2067746-2	BURFA WMXU 2000457 Mar 13, 2018	ALS	15-Mar-18	11.59	12.39	12.35	2.85	12.21	<0.050	4.36
14-Mar-18	L2067746-3	BURFA WMXU 2000380 Mar 13, 2018	ALS	15-Mar-18	11.59	12.26	12.23	2.85	11.64	<0.050	0.36
14-Mar-18	L2067746-4	BURFA WMXU 2000668 Mar 13, 2018	ALS	15-Mar-18	11.62	12.29	12.27	2.85	12.03	<0.050	2.04
15-Mar-18	L2068275-1	BURFA WMXU 2001216 Mar 14, 2018	ALS	17-Mar-18	11.63	12.37	12.21	2.87	11.31	<0.050	<0.25
15-Mar-18	L2068275-2	BURFA WMXU 2000539 Mar 14, 2018	ALS	17-Mar-18	11.6	12.36	12.16	2.87	10.89	<0.050	<0.25
16-Mar-18	L2068885-1	BURFA WMXU 2000523 Mar 15, 2018	ALS	19-Mar-18	11.57	12.26	11.95	2.86	11.01	<0.050	<0.25
16-Mar-18	L2068885-2	BURFA WMXU 2001052 Mar 15, 2018	ALS	19-Mar-18	11.56	12.27	12.04	2.86	11.38	<0.050	<0.25
17-Mar-18	L2069090-1	BURFA WMXU 2000420 Mar 16, 2018	ALS	19-Mar-18	11.61	12.21	11.97	2.86	11.14	<0.050	<0.25
17-Mar-18	L2069090-2	BURFA WMXU 2000293 Mar 16, 2018	ALS	19-Mar-18	11.64	12.2	11.88	2.86	10.54	<0.050	<0.25
17-Mar-18	L2069090-3	BURFA WMXU 2000740 Mar 16, 2018	ALS	19-Mar-18	11.61	12.28	12.06	2.86	11.51	<0.050	<0.25
20-Mar-18	L2069926-1	BURFA WMXU 2000499 Mar 19, 2018	ALS	21-Mar-18	11.58	12.26	12.03	2.87	10.75	<0.050	<0.25
20-Mar-18	L2069926-2	BURFA WMXU 2000462 Mar 19, 2018	ALS	21-Mar-18	11.57	12.26	12.09	2.87	10.55	<0.050	<0.25
21-Mar-18	L2070494-1	BURFA WMXU 2001134 Mar 20, 2018	ALS	22-Mar-18	11.6	12.28	12.15	2.85	11.25	<0.050	<0.25
21-Mar-18	L2070494-2	BURFA WMXU 2000800 Mar 20, 2018	ALS	22-Mar-18	11.59	12.28	12.13	2.85	11.18	<0.050	<0.25
22-Mar-18	L2071180-1	BURFA WMXU 2000502 Mar 21, 2018	ALS	23-Mar-18	11.59	12.31	12.11	2.89	11.25	<0.050	<0.25
22-Mar-18	L2071180-2	BURFA WMXU 2000312 Mar 21, 2018	ALS	23-Mar-18	11.59	12.39	12.12	2.89	11.26	<0.050	<0.25
22-Mar-18	L2071180-3	BURFA WMXU 2001200 Mar 21, 2018	ALS	23-Mar-18	11.61	12.32	12.13	2.89	10.89	<0.050	<0.25
23-Mar-18	L2071709-1	BURFA WMXU 2000945 Mar 22, 2018	ALS	26-Mar-18	11.65	12.07	11.49	2.9	8.91	0.077	<0.25
23-Mar-18	L2071709-2	BURFA WMXU 2000117 Mar 22, 2018	ALS	26-Mar-18	11.65	12.24	11.97	2.9	11.46	<0.050	<0.25
26-Mar-18	L2072203-1	BURFA WMXU 2000061 Mar 25, 2018	ALS	27-Mar-18	11.61	12.28	12.22	2.9	10.13	<0.050	<0.25
26-Mar-18	L2072203-2	BURFA WMXU 2000067 Mar 25, 2018	ALS	27-Mar-18	11.62	12.25	11.98	2.9	9.55	<0.050	<0.25
27-Mar-18	L2072703-1	BURFA WMXU 2001221 Mar 26, 2018	ALS	28-Mar-18	11.6	12.32	12.26	2.86	11.27	<0.050	<0.25
27-Mar-18	L2072703-2	BURFA WMXU 2000708 Mar 26, 2018	ALS	28-Mar-18	11.61	12.29	11.99	2.86	10.58	<0.050	<0.25
28-Mar-18	L2073437-1	BURFA WMXU 2001160 Mar 27, 2018	ALS	29-Mar-18	11.63	12.24	12.05	2.89	10.66	<0.050	<0.25
28-Mar-18	L2073437-2	BURFA WMXU 2000591 Mar 27, 2018	ALS	29-Mar-18	11.62	12.24	12.09	2.89	11.46	<0.050	<0.25
29-Mar-18	L2074080-1	BURFA WMXU 2000035 Mar 28, 2018	ALS	2-Apr-18	11.58	12.31	12.12	2.9	10.39	<0.050	<0.25
29-Mar-18	L2074080-2	BURFA WMXU 2000210 Mar 28, 2018	ALS	2-Apr-18	11.59	12.28	12.03	2.9	10.65	<0.050	<0.25
2-Apr-18	L2074595-1	BURFA WMXU 2000694 Mar 29, 2018	ALS	3-Apr-18	11.64	12.32	12.13	2.83	11.5	<0.050	<0.25
2-Apr-18	L2074595-2	BURFA WMXU 2000101 Mar 29, 2018	ALS	3-Apr-18	11.66	12.29	11.93	2.83	11.27	<0.050	<0.25
5-Apr-18	L2076309-1	FA 1803	ALS	12-Apr-18	11.61	12.33	12.04	2.84	10.95	<0.050	<0.25