

Fly Ash Quarterly Report

April 1, 2018 to June 30, 2018

The following quarterly fly ash report was sent to the Ministry of Environment and Climate Change Strategy on July 25, 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.

April 1, 2018 to June 30, 2018	
Number of loads tested	114
Number of samples submitted	117
Samples with leachable cadmium above the detection limit	3
Maximum leachable cadmium value (mg/L) of loads released for disposal	0.398
Samples with leachable lead above the detection limit	39
Maximum leachable lead value (mg/L) of loads released for disposal	3.43
Loads meeting Leachate Quality Standards and pH requirements of the Hazardous Waste Regulation	114
Loads reprocessed on site	0

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

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
2-Apr-18	L2074596-1	BURFA WMXU 2000626 Apr 1, 2018	ALS	3-Apr-18	11.67	12.29	12.01	2.83	10.55	<0.050	<0.25
2-Apr-18	L2074596-2	BURFA WMXU 2000142 Apr 1, 2018	ALS	3-Apr-18	11.64	12.31	12.01	2.83	10.96	<0.050	<0.25
3-Apr-18	L2074968-1	BURFA WMXU 2001031 Apr 2, 2018	ALS	4-Apr-18	11.61	12.24	11.56	2.9	8.43	0.122	<0.25
3-Apr-18	L2074968-2	BURFA WMXU 2000225 Apr 2, 2018	ALS	4-Apr-18	11.58	12.27	11.89	2.9	10.23	<0.050	<0.25
4-Apr-18	L2075710-1	BURFA WMXU 2000523 Apr 3, 2018	ALS	5-Apr-18	11.66	12.28	11.9	2.83	10.29	<0.050	<0.25
4-Apr-18	L2075710-2	BURFA WMXU 2001052 Apr 3, 2018	ALS	5-Apr-18	11.64	12.31	12	2.83	10.79	<0.050	<0.25
5-Apr-18	L2076307-1	BURFA WMXU 2000246 Apr 4, 2018	ALS	6-Apr-18	11.64	12.26	12.15	2.85	11.06	<0.050	<0.25
5-Apr-18	L2076307-2	BURFA WMXU 2000631 Apr 4, 2018	ALS	6-Apr-18	11.64	12.3	12.17	2.85	11.59	<0.050	<0.25
6-Apr-18	L2076903-1	BURFA WMXU 2000098 Apr 5, 2018	ALS	9-Apr-18	11.64	12.29	12.21	2.86	11.15	<0.050	<0.25
6-Apr-18	L2076903-2	BURFA WMXU 2000138 Apr 5, 2018	ALS	9-Apr-18	11.65	12.3	12.12	2.86	10.4	<0.050	<0.25
9-Apr-18	L2077385-1	BURFA WMXU 2000185 Apr 8, 2018	ALS	10-Apr-18	11.59	12.27	11.71	2.84	10.14	<0.050	<0.25
9-Apr-18	L2077385-2	BURFA WMXU 2001200 Apr 8, 2018	ALS	10-Apr-18	11.6	12.26	11.89	2.84	10.5	<0.050	<0.25
10-Apr-18	L2078006-1	BURFABT WMXU 2000539 Apr 9, 2018	ALS	11-Apr-18	11.61	12.27	11.94	2.87	10.74	<0.050	<0.25
10-Apr-18	L2078006-2	BURFABT WMXU 2000288 Apr 9, 2018	ALS	11-Apr-18	11.62	12.25	11.91	2.87	11.51	<0.050	<0.25
10-Apr-18	L2078006-3	BURFABT WMXU 2000077 Apr 9, 2018	ALS	11-Apr-18	11.62	12.26	11.77	2.87	10.69	<0.050	<0.25
11-Apr-18	L2078648-1	BURFA WMXU 2000312 Apr 10, 2018	ALS	12-Apr-18	11.59	12.23	11.67	2.89	11	<0.050	<0.25
11-Apr-18	L2078648-2	BURFA WMXU 2000945 Apr 10, 2018	ALS	12-Apr-18	11.59	12.25	11.88	2.89	10.75	<0.050	<0.25
12-Apr-18	L2079424-1	BURFA WMXU 2001094 Apr 11, 2018	ALS	13-Apr-18	11.64	12.35	12.26	2.88	11.85	<0.050	0.73
13-Apr-18	L2079948-1	BURFA WMXU 2000293 Apr 12, 2018	ALS	16-Apr-18	11.62	12.33	12.24	2.86	10.96	<0.050	<0.25
13-Apr-18	L2079948-2	BURFA WMXU 2001176 Apr 12, 2018	ALS	16-Apr-18	11.62	12.28	12.15	2.86	10.56	<0.050	<0.25
13-Apr-18	L2079948-3	BURFA WMXU 2000122 Apr 11, 2018	ALS	16-Apr-18	11.63	12.34	12.26	2.86	11.17	<0.050	<0.25
16-Apr-18	L2080404-1	BURFA WMXU 2000502 Apr 15, 2018	ALS	17-Apr-18	11.62	12.34	12.11	2.88	11.24	<0.050	<0.25
16-Apr-18	L2080404-2	BURFA WMXU 2000457 Apr 15, 2018	ALS	17-Apr-18	11.64	12.34	12.04	2.88	11.15	<0.050	<0.25
17-Apr-18	L2080993-1	BURFA WMXU 2000117 Apr 16, 2018	ALS	18-Apr-18	11.6	12.24	12.18	2.92	11.91	<0.050	0.48
17-Apr-18	L2080993-2	BURFA WMXU 2000035 Apr 16, 2018	ALS	18-Apr-18	11.62	12.28	12.2	2.92	11.6	<0.050	<0.25
18-Apr-18	L2081824-1	BURFA WMXU 2000159 Apr 17, 2018	ALS	19-Apr-18	11.65	12.27	12.07	2.86	11.67	<0.050	<0.25
18-Apr-18	L2081824-2	BURFA WMXU 2000061 Apr 17, 2018	ALS	19-Apr-18	11.58	12.31	12.17	2.86	11.27	<0.050	<0.25
20-Apr-18	L2082849-1	BURFA WMXU 2001237 Apr 19, 2018	ALS	23-Apr-18	11.67	12.38	12.12	2.84	11.67	<0.050	<0.25
20-Apr-18	L2082849-2	BURFA WMXU 2000375 Apr 19, 2018	ALS	23-Apr-18	11.64	12.39	12.12	2.84	11.89	<0.050	0.36
23-Apr-18	L2083421-1	BURFA WMXU 2000499 Apr 22, 2018	ALS	24-Apr-18	11.62	12.3	12.08	2.87	11.25	<0.050	<0.25
23-Apr-18	L2083421-2	BURFA WMXU 2000420 Apr 22, 2018	ALS	24-Apr-18	11.61	12.27	12.1	2.87	11.52	<0.050	<0.25
24-Apr-18	L2084080-1	BURFA WMXU 2000134 Apr 23, 2018	ALS	25-Apr-18	11.61	12.33	12.05	2.86	12.12	<0.050	1.71
24-Apr-18	L2084080-2	BURFA WMXU 2001068 Apr 23, 2018	ALS	25-Apr-18	11.64	12.26	11.9	2.86	10.47	<0.050	<0.25
25-Apr-18	L2084744-1	BURFA WMXU 2000879 Apr 24, 2018	ALS	26-Apr-18	11.63	12.25	11.87	2.85	9.7	<0.050	<0.25
25-Apr-18	L2084744-2	BURFA WMXU 2000708 Apr 24, 2018	ALS	26-Apr-18	11.68	12.28	12.06	2.85	11.15	<0.050	<0.25
3-May-18	L2088745-1	FA1804	ALS	15-May-18	11.66	12.3	12.11	2.86	11.11	<0.050	<0.25
7-May-18	L2090035-1	BURFA WMXU 2000040 May 4, 2018	ALS	8-May-18	11.66	12.06	11.3	2.85	8.45	0.115	<0.25
7-May-18	L2090035-2	BURFA WMXU 2000930 May 6, 2018	ALS	8-May-18	11.54	11.95	11.11	2.85	7.38	0.398	<0.25
7-May-18	L2090035-3	BURFA WMXU 2000061 May 6, 2018	ALS	8-May-18	11.63	12.01	11.22	2.85	8.65	0.115	<0.25
8-May-18	L2090748-1	BURFA WMXU 2000462 May 5, 2018	ALS	9-May-18	11.18	12.04	11.25	2.86	7.52	0.339	<0.25
8-May-18	L2090748-2	BURFA WMXU 2000035 May 5, 2018	ALS	9-May-18	11.54	12.09	11.36	2.86	8.87	0.081	<0.25
9-May-18	L2091753-1	BURFA WMXU 2000190 May 8, 2018	ALS	10-May-18	11.66	12.3	12.07	2.86	10.63	<0.050	<0.25
10-May-18	L2092498-1	BURFA WMXU 2000800 May 9, 2018	ALS	11-May-18	11.66	12.28	12.16	2.87	10.65	<0.050	<0.25
10-May-18	L2092498-2	BURFA WMXU 2000797 May 9, 2018	ALS	11-May-18	11.67	12.32	12.21	2.87	11.56	<0.050	0.31
11-May-18	L2093243-1	BURFA WMXU 2001216 May 10, 2018	ALS	14-May-18	11.68	12.28	12.19	2.88	11.04	<0.050	<0.25
11-May-18	L2093243-2	BURFA WMXU 2001113 May 10, 2018	ALS	14-May-18	11.7	12.3	12.21	2.88	10.46	<0.050	<0.25
14-May-18	L2093838-1	BURFA WMXU 2001176 May 13, 2018	ALS	15-May-18	11.75	12.3	12.13	2.86	11.71	<0.050	0.38
15-May-18	L2094571-1	BURFA WMXU 2001031 May 14, 2018	ALS	16-May-18	11.68	12.34	12.27	2.86	11.86	<0.050	0.83
15-May-18	L2094571-2	BURFA WMXU 2000210 May 14, 2018	ALS	16-May-18	11.68	12.35	12.21	2.86	11.28	<0.050	<0.25
16-May-18	L2095631-1	BURFA WMXU 2000272 May 15, 2018	ALS	17-May-18	11.65	12.25	12.11	2.85	11.2	<0.050	<0.25
16-May-18	L2095631-2	BURFA WMXU 2000360 May 15, 2018	ALS	17-May-18	11.65	12.02	11.97	2.85	11.7	<0.050	0.38
17-May-18	L2096440-1	BURFA WMXU 2000539 May 16, 2018	ALS	22-May-18	11.68	12.29	12.22	2.91	11.21	<0.050	<0.25
18-May-18	L2097196-1	BURFA WMXU 2001047 May 17, 2018	ALS	22-May-18	11.64	12.3	12.12	2.86	11.27	<0.050	<0.25
18-May-18	L2097196-2	BURFA WMXU 2000518 May 17, 2018	ALS	22-May-18	11.62	12.29	12.1	2.86	11.33	<0.050	<0.25
18-May-18	L2097197-1	BURFA WMXU 2001221 May 16, 2018	ALS	22-May-18	11.64	12.33	12.16	2.86	11.8	<0.050	0.75
22-May-18	L2098023-1	BURFA WMXU 2000312 May 20, 2018	ALS	23-May-18	11.67	12.33	12.12	2.9	11.8	<0.050	0.61
22-May-18	L2098023-2	BURFA WMXU 2001237 May 20, 2018	ALS	23-May-18	11.63	12.31	12.13	2.9	12.17	<0.050	2.66
22-May-18	L2098023-3	BURFA WMXU 2000122 May 20, 2018	ALS	23-May-18	11.65	12.34	12.15	2.9	11.81	<0.050	0.68
23-May-18	L2099018-1	BURFA WMXU 2000971 May 22, 2018	ALS	24-May-18	11.67	12.3	12.24	2.85	11.76	<0.050	0.54
23-May-18	L2099018-2	BURFA WMXU 2000565 May 22, 2018	ALS	24-May-18	11.66	12.33	12.21	2.85	11.55	<0.050	0.31
24-May-18	L2099867-1	BURFA WMXU 2001026 May 23, 2018	ALS	25-May-18	11.64	12.28	12.15	2.86	11.96	<0.050	1.52
24-May-18	L2099867-2	BURFA WMXU 2000890 May 23, 2018	ALS	25-May-18	11.69	12.27	12.04	2.86	10.84	<0.050	<0.25
25-May-18	L2100618-1	BURFA WMXU 2000230 May 24, 2018	ALS	28-May-18	11.67	12.33	12.2	2.85	11.68	<0.050	0.56
25-May-18	L2100618-2	BURFA WMXU 2000673 May 24, 2018	ALS	28-May-18	11.68	12.29	11.96	2.85	10.23	<0.050	<0.25
25-May-18	L2100618-3	BURFA WMXU 2000966 May 24, 2018	ALS	28-May-18	11.66	12.32	12.15	2.85	11.69	<0.050	0.47
28-May-18	L2101340-1	BURFA WMXU 2000668 May 27, 2018	ALS	29-May-18	11.73	12.35	12.44	2.88	11.9	<0.050	0.9
28-May-18	L2101340-2	BURFA WMXU 2000288 May 27, 2018	ALS	29-May-18	11.72	12.37	12.35	2.88	12.18	<0.050	3.43
29-May-18	L2102044-1	BURFA WMXU 2000499 May 28, 2018	ALS	30-May-18	11.65	12.32	12.26	2.86	11.65	<0.050	0.5
29-May-18	L2102044-2	BURFA WMXU 2000478 May 28, 2018	ALS	30-May-18	11.66	12.34	12.19	2.86	11.46	<0.050	<0.25
30-May-18	L2102915-1	BURFA WMXU 2000225 May 29, 2018	ALS	31-May-18	11.64	12.28	12.11	2.85	11.51	<0.050	1.07
30-May-18	L2102915-2	BURFA WMXU 2000591 May 29, 2018	ALS	31-May-18	11.66	12.27	12.1	2.85	11.08	<0.050	<0.50
31-May-18	L2103764-1	BURFA WMXU 2000800 May 30, 2018	ALS	1-Jun-18	11.65	12.31	12.29	2.84	12.1	<0.050	1.89
31-May-18	L2103764-2	BURFA WMXU 2001216 May 30, 2018	ALS	1-Jun-18	11.61	12.32	12.22	2.84	11.81	<0.050	0.85
1-Jun-18	L2104686-1	BURFA WMXU 2001113 May 31, 2018	ALS	4-Jun-18	11.62	12.29	12.16	2.89	12.2	<0.050	2.87
1-Jun-18	L2104686-2	BURFA WMXU 2000210 May 31, 2018	ALS	4-Jun-18	11.61	12.27	12.16	2.89	12.12	<0.050	2.03
1-Jun-18	L2104685	FA1805	ALS	7-Jun-18	11.59	12.28	11.99	2.86	11.17	<0.050	<0.25
4-Jun-18	L2105482-1	BURFA WMXU 2000190 Jun 3, 2018	ALS	5-Jun-18	11.66	12.31	12.22	2.86	11.32	<0.050	<0.25
4-Jun-18	L2105482-2	BURFA WMXU 2001176 Jun 3, 2018	ALS	5-Jun-18	11.64	12.32	12.21	2.86	11.67	<0.050	0.35
5-Jun-18	L2106270-1	BURFA WMXU 2000903 Jun 4, 2018	ALS	6-Jun-18	11.61	12.28	12.26	2.87	11.83	<0.050	0.87
5-Jun-18	L2106270-2	BURFA WMXU 2000164 Jun 4, 2018	ALS	6-Jun-18	11.64	12.3	12.26	2.87	11.58	<0.050	<0.25
6-Jun-18	L2107146-1	BURFA WMXU 2000185 Jun 5, 2018	ALS	7-Jun-18	11.62	12.33	12.23	2.9	11.91	<0.050	0.99

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
6-Jun-18	L2107146-2	BURFA WMXU 2000098 Jun 5, 2018	ALS	7-Jun-18	11.61	12.33	12.23	2.9	12.02	<0.050	1.71
7-Jun-18	L2108064-1	BURFA WMXU 2000328 Jun 6, 2018	ALS	8-Jun-18	11.62	12.27	12.22	2.85	11.85	<0.050	1.23
7-Jun-18	L2108064-2	BURFA WMXU 2000502 Jun 6, 2018	ALS	8-Jun-18	11.61	12.3	12.19	2.85	11.45	<0.050	<0.25
8-Jun-18	L2108944-1	BURFA WMXU 2000040 Jun 7, 2018	ALS	11-Jun-18	11.67	12.28	12.13	2.88	11.08	<0.050	<0.25
8-Jun-18	L2108944-2	BURFA WMXU 2000077 Jun 7, 2018	ALS	11-Jun-18	11.7	12.33	12.19	2.88	11.57	<0.050	0.25
11-Jun-18	L2109761-1	BURFA WMXU 2000035 Jun 10, 2018	ALS	12-Jun-18	11.64	12.3	12.16	2.91	10.93	<0.050	<0.25
11-Jun-18	L2109761-2	BURFA WMXU 2000462 Jun 10, 2018	ALS	12-Jun-18	11.61	12.3	12.2	2.91	10.64	<0.050	<0.25
12-Jun-18	L2110540-1	BURFA WMXU 2000523 Jun 11, 2018	ALS	13-Jun-18	11.64	12.31	12.18	2.86	10.31	<0.050	<0.25
12-Jun-18	L2110540-2	BURFA WMXU 2000246 Jun 11, 2018	ALS	13-Jun-18	11.65	12.29	12.09	2.86	10.57	<0.050	<0.25
13-Jun-18	L2111480-1	BURFA WMXU 2000457 Jun 12, 2018	ALS	14-Jun-18	11.73	12.3	12.13	2.86	11.37	<0.050	<0.25
13-Jun-18	L2111480-2	BURFA WMXU 2001134 Jun 12, 2018	ALS	14-Jun-18	11.76	12.35	12.17	2.86	11.87	<0.050	0.77
14-Jun-18	L2112375-1	BURFA WMXU 2000272 Jun 13, 2018	ALS	15-Jun-18	11.63	12.25	12.15	2.9	10.66	<0.050	<0.25
14-Jun-18	L2112375-2	BURFA WMXU 2001221 Jun 13, 2018	ALS	15-Jun-18	11.67	12.24	12.07	2.9	10.26	<0.050	<0.25
18-Jun-18	L2113824-1	BURFA WMXU 2001094 Jun 15, 2018	ALS	19-Jun-18	11.7	12.29	12.24	2.86	10.77	<0.050	<0.25
18-Jun-18	L2113824-2	BURFA WMXU 2001129 Jun 15, 2018	ALS	19-Jun-18	11.72	12.24	12	2.86	10.23	<0.050	<0.25
19-Jun-18	L2114671-1	BURFA WMXU 2000293 Jun 18, 2018	ALS	20-Jun-18	11.67	12.29	12.04	2.88	11.1	<0.050	<0.25
19-Jun-18	L2114671-2	BURFA WMXU 2000159 Jun 18, 2018	ALS	20-Jun-18	11.69	12.29	12.08	2.88	11.26	<0.050	<0.25
19-Jun-18	L2114671-3	BURFA WMXU 2000797 Jun 17, 2018	ALS	20-Jun-18	11.64	12.24	11.89	2.88	10.05	<0.050	<0.25
19-Jun-18	L2114671-4	BURFA WMXU 2000890 Jun 17, 2018	ALS	20-Jun-18	11.65	12.24	11.88	2.88	10	<0.050	<0.25
20-Jun-18	L2115744-1	BURFA WMXU 2000713 Jun 19, 2018	ALS	21-Jun-18	11.69	12.29	12.04	2.85	10.9	<0.050	<0.25
20-Jun-18	L2115744-2	BURFA WMXU 2000708 Jun 19, 2018	ALS	21-Jun-18	11.62	12.29	12.12	2.85	11.45	<0.050	<0.25
21-Jun-18	L2116628-1	BURFA WMXU 2000312 Jun 20, 2018	ALS	22-Jun-18	11.6	12.26	12.12	2.86	11.41	<0.050	<0.25
21-Jun-18	L2116628-2	BURFA WMXU 2000122 Jun 20, 2018	ALS	22-Jun-18	11.59	12.26	12.08	2.86	11.48	<0.050	0.31
22-Jun-18	L2117432-1	BURFA WMXU 2000360 Jun 21, 2018	ALS	25-Jun-18	11.63	12.22	12.05	2.91	10.13	<0.050	<0.25
22-Jun-18	L2117432-2	BURFA WMXU 2001031 Jun 21, 2018	ALS	25-Jun-18	11.65	12.24	12.18	2.91	11.04	<0.050	<0.25
25-Jun-18	L2118241-1	BURFA WMXU 2000544 Jun 24, 2018	ALS	26-Jun-18	11.61	12.25	12.09	2.86	11.48	<0.050	0.39
25-Jun-18	L2118241-2	BURFA WMXU 2000380 Jun 24, 2018	ALS	26-Jun-18	11.62	12.28	12.08	2.86	11.55	<0.050	0.43
26-Jun-18	L2118913-1	BURFA WMXU 2000626 Jun 25, 2018	ALS	27-Jun-18	11.63	12.28	12.09	2.88	11.03	<0.050	<0.25
26-Jun-18	L2118913-2	BURFA WMXU 2000776 Jun 25, 2018	ALS	27-Jun-18	11.65	12.27	12.06	2.88	11.48	<0.050	<0.25
27-Jun-18	L2119896-1	BURFA WMXU 2000565 Jun 26, 2018	ALS	28-Jun-18	11.61	12.33	12.12	2.85	11.14	<0.050	<0.25
27-Jun-18	L2119896-2	BURFA WMXU 2000478 Jun 26, 2018	ALS	28-Jun-18	11.64	12.34	12.06	2.85	11.05	<0.050	<0.25
28-Jun-18	L2120703-1	BURFA WMXU 2000117 Jun 27, 2018	ALS	29-Jun-18	11.61	12.29	12.24	2.89	11.63	<0.050	0.76
28-Jun-18	L2120703-2	BURFA WMXU 2000138 Jun 27, 2018	ALS	29-Jun-18	11.65	12.29	12.21	2.89	11.66	<0.050	0.41
29-Jun-18	L2121549-1	BURFA WMXU 2000210 Jun 28, 2018	ALS	3-Jul-18	11.61	12.28	12.04	2.89	11.79	<0.050	0.71
29-Jun-18	L2121549-2	BURFA WMXU 2000631 Jun 28, 2018	ALS	3-Jul-18	11.64	12.29	12.07	2.89	11.84	<0.050	0.8
5-Jul-18	L2124336-1	FA 1806	ALS	12-Jul-18	11.71	12.28	12.11	2.88	11.26	<0.050	<0.25