

EBWWTB BIOSOLIDS																					
Sample Date	Collection Time	Sample Type	Location & Condition	1,4 Dioxane			PFOA ng/g	PFOS ng/g	PFBA ng/g	PFPeA ng/g	PFHxA ng/g	PFHpA ng/g	PFNA ng/g	PFDA ng/g	PFUnDA ng/g	PFDoDA ng/g	PFTrDA ng/g	PFTeDA ng/g	PFBS ng/g	PFPeS ng/g	PFHxS ng/g
				µg/L	µg/kg dry	Dry Solids %															
11/13/2019	11:05	Grab	Primary w/o lime				1.05	5.01	1.57	7.88	10.40	9.22	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/18/2019	12:15	Grab	Primary w/o lime				1.89	4.42	3.26	14.30	20.30	13.50	0.00	1.39	0.00	1.10	0.00	0.00	0.00	0.00	0.00
11/25/2019	13:48	Grab	Primary w/o lime				1.80	5.07	0.00	8.90	18.70	11.20	0.00	1.12	0.00	1.01	0.00	0.00	0.00	0.00	0.00
12/17/2019	12:40	Grab	Primary w/o lime				1.64	5.35	0.00	0.00	7.95	3.80	0.00	1.81	0.00	1.28	0.00	1.01	0.00	0.00	0.00
1/3/2020	11:32	Grab	McGill Filtrate <sup>1</sup>				82.40	19.50	915.00	1480.00	4780.00	1790.00	8.03	14.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/2020	9:02	Grab	McGill Filtrate <sup>1</sup>				87.10	0.00	820.00	2060.00	6140.00	1960.00	7.20	14.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/16/2020	9:02	Grab	Primary w/o lime				1.35	4.52	0.00	0.00	6.81	10.60	0.00	1.54	1.40	1.10	0.00	0.00	0.00	0.00	0.00
1/16/2020	9:05	Grab	Primary + Secondary				7.71	9.75	24.40	50.20	184.00	57.80	2.09	8.38	7.22	8.61	2.16	2.36	0.00	0.00	0.00
1/24/2020	14:01	Grab	Primary w/o lime				1.37	5.10	0.00	2.52	8.65	8.70	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/31/2020	9:51	Grab	Primary w/o lime				2.45	8.88	5.79	3.83	12.00	19.70	0.00	1.75	0.00	1.60	0.89	0.00	0.00	0.00	0.00
1/31/2020	9:46	Grab	Secondary				27.90	27.50	47.10	199.00	311.00	182.00	9.35	30.10	21.40	22.90	6.49	6.08	0.00	0.00	0.00
3/2/2020	10:57	Grab	Secondary				20.20	51.20	0.00	31.60	55.70	19.20	5.68	21.30	27.60	18.90	6.41	0.00	0.00	0.00	0.00
3/2/2020	11:01	Grab	Primary w/o lime				2.90	11.00	0.00	0.00	3.79	1.79	0.00	1.32	0.00	0.927	0.00	0.00	0.00	0.00	0.00
3/2/2020	12:17	Grab	Primary + Secondary				7.67	14.50	0.00	15.80	56.20	29.50	2.19	6.57	4.95	5.970	1.09	0.00	0.00	0.00	0.00
3/2/2020	12:17	Grab	McGill Filtrate <sup>1</sup>				55.60	20.40	219.00	463.00	1380.00	618.00	0.00	7.53	0.00	0.000	0.00	0.00	0.00	0.00	0.00
5/15/2020	9:51	Grab	Primary + Secondary				0.07	0.32	0.00	0.361	0.603	0.651	0.014	0.063	0.00	0.000	0.00	0.00	0.00	0.00	0.00
5/18/2020	13:00	Grab	Primary + Secondary				0.211	0.262	0.34	0.831	6.91	0.663	0.029	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
7/6/2020	4:12	Grab	Primary with lime				0.53	0.58	0.872	0.813	7.29	0.175	0.154	0.322	0.725	0.339	0.128	0.00	0.00	0.00	0.017
8/3/2020	8:05	Grab	Primary with lime				0.12	0.00	0.00	0.369	3.11	0.658	0.0373	0.162	0.258	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2020	6:00	Grab	Primary with lime				0.15	0.37	0.00	0.185	0.65	0.0784	0.0477	0.179	0.192	0.0987	0.153	0.0248	0.0276	0.00	0.0151
10/26/2020	2:15	Grab	Primary with lime				0.11	0.47	0.00	0.00	0.52	0.0438	0.0374	0.0735	0.00	0.00	0.00	0.00	0.022	0.00	0.00
10/26/2020	8:50	Grab	Cake from Rotary Press <sup>2</sup>		<54100	13.70	6.34	29.90	0.00	17.20	8.95	2.44	9.25	9.2500	25.90	7.66	11.60	0.00	0.000	0.00	0.00
10/27/2020	14:36	Grab	Primary with lime	3.84																	
11/10/2020	6:58	Grab	Cake from Rotary Press <sup>2</sup>		<61600	12.90	46.8	23.9	0	5.96	21.20	5.11	16.30	41.70	53.30	20.30	17.90	4.86	0.00	0.00	0.00
11/10/2020	7:50	Grab	Primary with lime	5.03			0.00	0.00	0.00	0.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/17/2020	0645	Grab	Cake from Rotary Press <sup>2</sup>		<58900	13.60	4.90	28.40	0.00	9.19	9.61	2.54	4.65	12.00	44.70	7.71	18.00	0.00	0.00	0.00	0.00
11/17/2020	0648	Grab	Primary with Lime	6.61			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/1/2020	0748	Grab	Cake from Rotary Press <sup>2</sup>		<59200	13.40	3.57	33.90	0.00	0.00	2.09	0.00	2.47	11.10	35.50	8.40	17.00	1.80	0.00	0.00	0.00
12/1/2020	0745	Grab	Primary with Lime	6.65			0.00	0.00	35.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/15/2020	0742	Grab	Cake from Rotary Press <sup>2</sup>		<58700	14.50	4.77	36.00	0.00	3.40	4.17	2.05	4.08	6.94	17.10	5.98	10.50	0.00	0.00	0.00	0.00
12/15/2020	0748	Grab	Primary with Lime	6.53			0.00	0.00	35.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/29/2020	0748	Grab	Cake from Rotary Press <sup>2</sup>		<48800	15	4.44	43.8	0.00	0.00	3.05	2.02	2.42	7.25	13.1	5.75	9.25	0.00	0.00	0.00	0.00
12/29/2020	0743	Grab	Primary with Lime	7.12			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/12/2021	0733	Grab	Primary with Lime	7.58			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/26/2021	0724	Grab	Cake from Rotary Press <sup>2</sup>		<29500	16.9	3.98	39.50	0.00	0.00	2.16	0.00	4.21	7.22	13.80	4.57	7.76	0.00	0.00	0.00	0.00
1/26/2021	0812	Grab	Primary with Lime	4.88			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2021	0730	Grab	Cake from Rotary Press <sup>2</sup>		<46600	15.9	3.31	25.30	3.04	2.35	3.77	1.63	3.80	5.89	14.20	3.47	3.26	0.00	0.00	0.00	0.00
2/9/2021	0754	Grab	Primary with Lime	7.04			0.00	0.00	28.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Event #1 Round 1	2/23/2021	1003	GRAB	Primary without Lime			0.00	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Event #1 Round 2	3/9/2021	0940	GRAB	Primary with lime			0.00	8.05	0.00	0.00	8.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Event #1 Round 3	3/23/2021	0919	GRAB	Primary with lime			0.00	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Notes:</b>																					
<sup>1</sup> PFAS data for McGill filtrate is expressed in ng/L																					
<sup>2</sup> "<" denotes that the lab instrument did not detect any hits above the reporting limit. That means that the concentration of 1,4 dioxane is less than the reporting limit of...																					
<sup>21</sup> Analytical Method SW 8260D SIM, (SW: Solid Waste and SIM: Selected Ion Monitoring).																					

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Sample Date	Collection Time	Sample Type	Location & Condition	PFHpS ng/g	PFNS ng/g	PFDS ng/g	PFOA ng/g	N-MeFOSAA ng/g	N-EtFOSAA ng/g	PFOA + PFOS ng/g	SUM ALL ng/g	4:2 FTS ng/g	6:2 FTS ng/g	8:2 FTS ng/g	10:2 FTS ng/g	FBSA ng/g	N-MeFOSE ng/g	9CI-PF3ONS ng/g	11CI-PF3OUdS ng/g	
11/13/2019	11:05	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	1.59	1.36	6.06	39.36									
11/18/2019	12:15	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	2.57	0.00	6.31	62.73									
11/25/2019	13:48	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	0.00	0.00	6.87	47.80									
12/17/2019	12:40	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	6.28	0.00	6.99	29.12									
1/3/2020	11:32	Grab	McGill Filtrate <sup>1</sup>	0.00	0.00	0.00	0.00	0.00	0.00	101.90	9089.83									
1/16/2020	9:02	Grab	McGill Filtrate <sup>1</sup>	0.00	0.00	0.00	0.00	0.00	0.00	87.10	11088.90									
1/16/2020	9:02	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	5.95	2.58	5.87	35.85									
1/16/2020	9:05	Grab	Primary + Secondary	0.00	0.00	0.00	4.20	19.30	5.21	17.46	393.39									
1/24/2020	14:01	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	2.64	2.19	6.47	32.18									
1/31/2020	9:51	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	3.63	5.12	11.33	65.64									
1/31/2020	9:46	Grab	Secondary	0.00	0.00	2.93	12.00	31.50	11.90	55.40	949.15									
3/2/2020	10:57	Grab	Secondary	0.00	0.00	0.00	21.40	26.80	12.00	71.40	317.99									
3/2/2020	11:01	Grab	Primary w/o lime	0.00	0.00	0.00	0.00	9.84	0.00	13.90	31.57									
3/2/2020	12:17	Grab	Primary + Secondary	0.00	0.00	0.00	1.38	0.00	3.40	22.17	149.22									
3/2/2020	12:17	Grab	McGill Filtrate <sup>1</sup>	0.00	0.00	0.00	0.00	0.00	0.00	76.00	2763.53									
5/15/2020	9:51	Grab	Primary + Secondary	0.00	0.00	0.00	0.00	0.00	0.00	0.39	2.09									
5/18/2020	13:00	Grab	Primary + Secondary	0.00	0.00	0.00	0.00	0.00	0.00	0.47	9.25									
7/6/2020	4:12	Grab	Primary with lime	0.00	0.00	0.00	0.182	0.347	0.00	1.11	12.47	0.00	0.0098	0.00	0.00	0.0083				
8/3/2020	8:05	Grab	Primary with lime	0.00	0.00	0.00	0.056	0.15	0.142	0.12	5.06	0.00	0.00	0.00	0.00	0.0289				
10/12/2020	6:00	Grab	Primary with lime	0.00	0.00	0.00	0.0655	0.207	0.0533	0.52	2.50	0.00	0.0131	0.00	0.00	0.00	0.218			
10/26/2020	2:15	Grab	Primary with lime	0.00	0.00	0.00	0.00	0.00	0.00	0.58	1.28	0.00	0.00	0.00	0.00	0.0115	0.00	0.0156		
10/26/2020	8:50	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	6.09	11.70	4.72	36.24	151.00									
10/27/2020	14:36	Grab	Primary with lime																	
11/10/2020	6:58	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	5.68	13.10	3.47	70.70	279.58									
11/10/2020	7:50	Grab	Primary with lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00									
11/17/2020	0645	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	5.84	15.70	2.87	33.30	166.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11/17/2020	0648	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/1/2020	0748	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	8.34	13.30	3.19	37.47	140.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/1/2020	0745	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/15/2020	0742	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	6.51	15.10	3.99	40.77	120.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/15/2020	0748	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/29/2020	0748	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	6.61	15.8	4.89	48.24	118.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12/29/2020	0743	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1/12/2021	0733	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1/26/2021	0724	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	6.78	17.70	6.98	43.48	114.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1/26/2021	0812	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2/9/2021	0730	Grab	Cake from Rotary Press <sup>2</sup>	0.00	0.00	0.00	5.19	17.30	5.49	28.61	98.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2/9/2021	0754	Grab	Primary with Lime	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Event #1 Round 1	2/23/2021	1003	GRAB	Primary without Lime	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Event #1 Round 2	3/9/2021	0940	GRAB	Primary with lime	0.00	0.00	0.00	0.00	0.00	8.05	16.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Event #1 Round 3	3/23/2021	0919	GRAB	Primary with lime	0.00	0.00	0.00	0.00	17.20	24.30	41.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Notes:</b>																				
<sup>1</sup> PFAS data for McGill filtrate is expressed in ng/L																				
<sup>2</sup> "<" denotes that the lab instrument did not detect any hits above the r																				
<sup>21</sup> Analytical Method SW 8260D SIM, (SW: Solid Waste and SIM																				

