Sample Identity	Date	pH @ 25°C	EC @ 25°C	COD	Alkalinity	NH3-N	Chloride	Nitrate	Nitrite	Phosphate	Ca	As	Cd	Cu	Hg
			µS/cm	mg/l	g/l as CaC	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	mg/l	mg/l	µg/l
BH3S	15/01/2020														<0.10
BH6S	15/01/2020												<0.15	<0.20	
BH15S	15/01/2020												<0.15	<0.20	
BH3S	05/02/2020	>12	1980	77	410	2.03	59.6	3.61	<0.03	1.88	198	19.80			
BH4S	05/02/2020	7.6	517	129	166	2.54	60.1	4.16	<0.03	2.00	41.9	12.4			
BH6S	05/02/2020	8.2	270	19	89	<0.05	25.22	3.92	<0.03	<0.03	38.4	2.70			
BH9S	05/02/2020	7.2	437	10	129	2.44	53.9	3.47	<0.03	2.62	45.3	54.30			
BH9D	05/02/2020	7.1	1070	52	310	3.46	89.8	3.93	<0.03	<0.03	175	33.70			
BH15S	05/02/2020	8.0	282	216	106	<0.05	21.44	3.61	<0.03	<0.03	39.4	0.60			
BH15D	05/02/2020	8.1	391	40	168	<0.05	20.95	4.25	<0.03	<0.03	66.1	0.8			
BH16S	05/02/2020	7.9	357	12	158	<0.05	15.86	3.95	<0.03	<0.03	62.7	3.4			
BH16D	05/02/2020	7.5	403	<4	176	<0.05	20.23	3.84	<0.03	<0.03	61.2	0.9			
BH17S	05/02/2020	7.8	262	163	94	<0.05	18.94	3.64	<0.03	<0.03	39.3	2			
BH18S	05/02/2020	8.2	292	98	121	3.19	17.75	4.03	<0.03	2.03	30.3	3			
BH19S	05/02/2020	11.5	1460	<4	290	0.20	36.29	<0.03	5.86	1.89	114	7.6			
BH20S	05/02/2020	9.8	724	<4	134	<0.05	69.8	3.57	<0.03	<0.03	52.7	18.9			
BH25S	05/02/2020	7.0	795	137	240	<0.05	91.6	3.57	<0.03	<0.03	98.4	16.1			
BH26S	05/02/2020	7.2	520	87	200	<0.05	37.65	3.49	<0.03	<0.03	82	3.6			
BH27S	05/02/2020	7.8	7100	35	82	<0.05	2170	11.03	<0.03	<0.03	112	4.7			
BH28S	05/02/2020	7.4	965	41	149	<0.05	175	17.3	<0.03	1.83	94.2	3			
BH29S	05/02/2020	7.2	909	83	210	<0.05	143	5.05	<0.03	1.87	66.1	11.6			
BH30	05/02/2020	7.7	460	99	134	0.02	41.25	3.68	<0.03	<0.03	59.1	12			
GTW3A	05/02/2020	7.8	676	14	280	<0.05	21.47	3.72	<0.03	<0.03	87.9	5.4			
P1	05/02/2020	8.0	358	72	148	<0.05	19.92	<0.03	<0.03	<0.03	62	0.5			
P2	05/02/2020	8.1	366	93	163	<0.05	24.08	3.60	<0.03	<0.03	64.9	0.5			
P3	05/02/2020	8.2	470	106	193	<0.05	20.07	3.53	<0.03	1.80	81.7	0.6			
P4	05/02/2020	8.1	467	76	220	<0.05	21.04	3.57	<0.03	<0.03	88.9	0.5			
P5	05/02/2020	8.1	440	80	200	<0.05	19.38	3.48	<0.03	<0.03	82.7	0.6			
P6	05/02/2020	7.8	390	89	181	<0.05	19.52	3.61	<0.03	<0.03	75.1	0.7			
P7	05/02/2020	7.7	372	97	163	<0.05	43.86	3.61	<0.03	<0.03	64.4	0.5			
SW1	05/02/2020	9.1	346	111	94	<0.05	68.00	3.66	<0.03	<0.03	29	3.2			
SW3	05/02/2020	7.5	330	301	188	<0.05	55.70	4.41	<0.03	<0.03	77.5	4.4			
SW4	05/02/2020	7.5	606	122	220	<0.05	216	3.71	<0.03	<0.03	94.8	8			
SW5	05/02/2020	7.5	1090	108	188	0.30	230	4.04	<0.03	<0.03	155	<0.15			
SW6	05/02/2020	7.4	1180	116	178	0.59	253	4.41	<0.03	<0.03	166	2.3			
SW7	05/02/2020	7.3	1040	205	200	<0.05	207	3.93	<0.03	<0.03	161	2.1			
SW8	05/02/2020	7.2	829	54	158	<0.05	156	4.18	<0.03	<0.03	110	1.1			
SW9	05/02/2020	7.2	1020	47	188	<0.05	24.06	3.65	<0.03	<0.03	152	2.5			
SW11	05/02/2020	7.4	385	16	106	<0.05	23.44	8.74	5.34	<0.03	39.9	0.4			
SW12	05/02/2020	7.5	381	18	109	<0.05	46.15	8.52	5.33	<0.03	40.4	0.3			
SW15	05/02/2020	7.5	488	42	166	<0.05	204	3.27	<0.03	<0.03	62	0.6			
L1	05/02/2020	8.6	1400	198	62	1.10	304	3.60	<0.03	<0.03	84	1.1			
L6	05/02/2020	9.2	1210	109	124	<0.05	130	52.2	<0.03	<0.03	20.6	1.2			
L7	05/02/2020	>12	11300	27	800	4.87	2910	3.66	<0.03	<0.03	2020	0.5			
L8	05/02/2020	>12	1300	33	22	0.53	520	13.94	<0.03	<0.03	335	0.2			
L17	05/02/2020	>12	3950	85	850	0.57	60.4	10.31	7.87	<0.03	382	0.6			

Return	Landfill	Type	Report	Parameters > assessment levels				Threshold	C&A Plan	Contingency Action/ Comments
				Sample	Date	Parameter	Result			
Surface water monitoring summary for the quarter	BV7311IE	Non Hazardous	Q							
Leachate monitoring summary for the quarter	BV7311IE		Q							
Borehole monitoring summary for the quarter	BV7311IE		Q							
Fugitive emissions monitoring summary for the quarter	BV7311IE		Q							
Energy consumption 2012	BV7311IE / BW2692IM		A							
Landfill gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Bio-cell gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Fugitive emissions monitoring summary for the quarter	BW2692IM	Hazardous	Q							
Surface water monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Leachate monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Borehole monitoring summary for the quarter	BW2692IM / SP3633MK		Q	BH27S	05/02/2020	Chloride	2170.00	250		Spikes in chloride observed since 2013. Chloride concentration observed in groundwater is higher than concentration in leachate. Emission limit requirs review.
Landfill gas monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Surface water monitoring summary for the quarter	EPA/AP3292LT	Closed	Q							
Landfill gas monitoring summary for the quarter	EPA/AP3292LT		Q							
Borehole monitoring summary for the quarter	EPR/AP3239LT		Q							
Energy consumption	BV7311IE / BW2692IM	All	A							

Sample Identity	Date	pH @ 25°C	EC @ 25°C	COD	Alkalinity	NH3-N	Chloride	Nitrate	Nitrite	Phosphate	Ca	As
			µS/cm	mg/l	g/l as CaC	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l
BH3S	15/06/2020	12	133	52	240	1.6	75.4	1.63	1.02	<0.03	110	27.2
BH15S	15/06/2020	8.6	354	44	35	<0.1	59.5	1.7	<0.03	<0.03	42	<1.5
BH16S	15/06/2020	7.3	330	141	129	<0.1	22.35	3.29	0.99	<0.03	42.4	<1.5
BH25S	15/06/2020	7.5	983	66	250	2.9	138	1.77	<0.03	<0.03	115	26.8
BH29S	15/06/2020	7.5	1050	89	280	0.17	149	1.81	<0.03	<0.03	124	4.3
BH30	15/06/2020	11.5	857	42	158	0.23	63.1	1.71	<0.03	<0.03	83.6	23.9
SW1	30/06/2020	7.5	500	52	173	<0.1	54.6	1.65	<0.03	<0.03	54.4	2.1
SW4	30/06/2020	7.2	643	51	198	<0.1	68.9	1.92	<0.03	<0.03	80.8	13.3
SW5	30/06/2020	7.5	750	158	158	<0.1	123	1.61	<0.03	<0.03	88.1	3.9
SW7	30/06/2020	7.2	1620	70	163	<0.1	384	1.72	<0.03	<0.03	226	3.6
SW8	30/06/2020	7.1	1580	42	168	<0.1	385	1.71	<0.03	<0.03	198	<1.5
SW9	30/06/2020	7.1	2140	77	153	<0.1	578	1.62	<0.03	<0.03	291	<1.5
SW11	30/06/2020	7.4	579	46	200	<0.1	27.66	2.86	<0.03	<0.03	63.9	2.0
SW12	30/06/2020	7.6	570	65	163	<0.1	35.24	2.81	<0.03	<0.03	67.3	1.8
P1	30/06/2020	7.7	443	46	144	3.26	36.64	1.67	<0.03	<0.03	60.4	1.6
P2	30/06/2020	6.9	474	41	129	<0.1	37.03	6.57	<0.03	<0.03	60.3	3.2
P3	30/06/2020	7.8	397	59	139	<0.1	43.74	1.67	<0.03	<0.03	45.7	<1.5
P4	30/06/2020	7.5	596	50	210	<0.1	47.22	1.64	<0.03	<0.03	89.5	2.5
P5	30/06/2020	7.8	478	53	173	<0.1	52.10	<0.03	<0.03	<0.03	53	<1.5
P6	30/06/2020	8.4	369	43	109	<0.1	44.53	1.62	<0.03	<0.03	36.5	<1.5
P7	30/06/2020	7.8	499	51	144	<0.1	54.7	1.67	<0.03	<0.03	56.1	<1.5
BH6S	16/06/2020	11.5	1880	54	370	3.66	32.85	1.73	1.35	<0.03	137	<1.5
BH9S	16/06/2020	9.2	258	52	84	<0.1	146	1.71	<0.03	<0.03	9.00	105
BH9D	16/06/2020	7.3	1000	55	300	0.1	18.8	2.24	1.02	<0.03	11.4	28.6
BH11S	16/06/2020	7.4	650	27	230	0.1	70.5	1.05	<0.03	<0.03	32	6.1
BH13S	16/06/2020	7.6	626	41	250	0.38	41.13	1.61	<0.03	<0.03	153	3.8
BH14S	16/06/2020	8.2	821	50	260	<0.1	39.28	2.24	<0.03	<0.03	76	63.1
BH17S	16/06/2020	8.3	333	52	99	2.73	35.16	1.71	0.99	<0.03	86	10.4
BH18S	16/06/2020	7.00	375	66	168	0.55	16.77	1.62	<0.03	0.53	48	5.2
BH19S	16/06/2020	11.5	2940	42	600	6.32	37.72	1.66	1.74	<0.03	41	6.3
BH20S	16/06/2020	11.0	544	50	79	0.59	94.5	2.05	1.15	<0.03	39	14.7
BH26S	16/06/2020	7.5	572	60	230	2.9	50.4	1.66	<0.03	<0.03	239	26.8
BH27S	16/06/2020	10.0	1950	194	300	<0.1	381	2.64	1.16	8.04	25	556
BH28S	16/06/2020	7.5	963	31	310	<0.1	97	2.83	<0.03	<0.03	75	2.5
SW15	16/06/2020	8.1	465	131	84	<0.1	47.87	2.1	<0.03	<0.03	49	<1.5
SW13	30/06/2020	7.1	856	25	650	<0.1	115	0.83	<0.03	<0.03	83.5	16.7
SW14	30/06/2020	7.5	800	24	270	<0.1	106	0.81	<0.03	<0.03	85	7.7
BH1S	30/06/2020	7.7	988	51	420	0.56	63.7	0.94	<0.03	<0.03	104	5.8
BH2S	23/06/2020	7.7	802	12	330	1.3	52	1.13	<0.03	1.73		11.9
BH4S	23/06/2020	7.1	457	25	99	0.96	84.5	1.18	<0.03	<0.03		26.2
BH10S	23/06/2020	7.5	519	9	220	<0.1	33.62	1.16	<0.03	<0.03		<1.5
GTW3A	23/06/2020	7.7	574	62	230	<0.1	51.5	1.15	<0.03	<0.03		6.2
L1	23/06/2020	9.7	1530	86	50	<0.1	300	1.92	<0.03	<0.03		<1.5
L6	23/06/2020	8.5	603	44	149	1.34	44.81	9.33	<0.03	<0.03		<1.5
L7	23/06/2020	11.5	5500	141	700	4.02	<0.03	1.79	<0.03	<0.03		<1.5
L8	23/06/2020	10.5	24	1354	163	<0.1	1150	1.17	<0.03	<0.03		5.1
L17	23/06/2020	>12	2870	88	650	<0.1	71.3	2.47	<0.03	<0.03		<1.5
SW2	30/06/2020	Dry										
SW3	30/06/2020	Dry										
BH12S	30/06/2020	cient water in well										

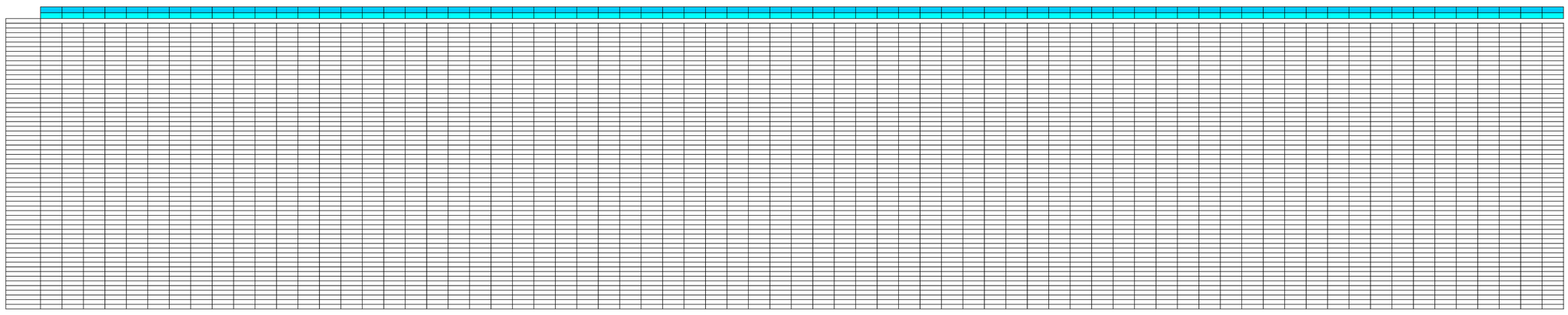
Return	Landfill	Type	Report	Parameters > assessment levels				Threshold	C&A Plan	Contingency Action/ Comments
				Sample	Date	Parameter	Result			
Surface water monitoring summary for the quarter	BV7311IE	Non Hazardous	Q							
Leachate monitoring summary for the quarter	BV7311IE		Q							
Borehole monitoring summary for the quarter	BV7311IE		Q	BH17S	16/06/2020	Ammonia	2.73	2 (control level)		Repeat. Suspected to be related to dead snails in well. Could be related to BH19?
				BH19S	16/06/2020	Ammonia	6.3	2 (control level)		Repeat.
Fugitive emissions monitoring summary for the quarter	BV7311IE		Q							
Energy consumption 2012	BV7311IE / BW2692IM		A							
Landfill gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Bio-cell gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Fugitive emissions monitoring summary for the quarter	BW2692IM	Hazardous	Q							
Surface water monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Leachate monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Borehole monitoring summary for the quarter	BW2692IM / SP3633MK		Q	BH27S	16/06/2020	Chloride	381.00	250	None	Spikes in chloride observed since 2013. Chloride concentration observed in groundwater is higher than concentration in leachate. Emission limit requirs review.
Landfill gas monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Surface water monitoring summary for the quarter	EPA/AP3292LT	Closed	Q	P1 (Pond 1)	30/06/2020	Ammonia	3.26	1 (emission level for recharge trench)		Repeat. Suspected to be related to vegetation breaking down in flooded and stagnant water. Review drainage.
Landfill gas monitoring summary for the quarter	EPA/AP3292LT		Q							
Borehole monitoring summary for the quarter	EPR/AP3239LT		Q							
Energy consumption	BV7311IE / BW2692IM	All	A							

Sample Identity	Sampling Date	pH @ 25oC	EC @ 25oC	COD	Alkalinity	NH3-N	Chloride	Nitrate	Nitrite	Phosphate	Ca	As
			µS/cm	mg/l	mg/l as CaCO3	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l
SW1	20/07/2020	7.7	519	18	168	0.05	53.9	2.45	1	<0.03	60	5
SW3	20/07/2020	7.2	576	18	171	0.05	67.7	1	1.17	<0.03	79.7	22.1
SW5	20/07/2020	7.2	1190	16	183	0.47	254	1.83	<0.03	<0.03	170	3
SW6	20/07/2020	7.3	1080	22	156	0.82	228	1.37	<0.03	<0.03	138	6.3
SW7	20/07/2020	7.3	719	18	152	0.05	247	1.2	<0.03	<0.03	471	5.6
SW8	20/07/2020	7.3	1680	15	210	0.05	291	1.28	<0.03	<0.03	220	2.7
SW9	20/07/2020	7.2	1670	12	193	0.1	427	1.81	<0.03	<0.03	247	1.7
SW10	20/07/2020	7	1790	18	196	0.05	21.94	6.64	<0.03	<0.03	269	2.4
SW13	20/07/2020	7.6	864	22	163	0.05	<0.03	<0.03	<0.03	<0.03	110	21.6
SW14	20/07/2020	7.4	864	19	230	0.05	48.98	1.33	<0.03	<0.03	121	7.2
SW12	20/07/2020	8.2	438	19	121	0.05	43.04	1.28	<0.03	<0.03	61.2	2.5
P7	20/07/2020	8.6	275	21	79	0.05	11.96	<0.03	<0.03	<0.03	28.5	0.7
BH3S	20/07/2020	11.5	845	62	186	3.48	72.2	2.71	2.14	<0.03	81.1	41.5
BH4S	20/07/2020	7.8	619	30	173	3.41	88.6	1.63	<0.03	<0.03	46.7	41
BH6S	20/07/2020	>12	2670	49	360	4.53	38.99	2.06	1.2	<0.03	265	3.9
BH9S	20/07/2020	9.3	255	27	89	0.05	19.11	2.12	<0.03	<0.03	33.5	117
BH9D	20/07/2020	7.6	865	28	240	0.05	117	1.92	<0.03	<0.03	130	20.5
BH15S	20/07/2020	9	275	85	64	0.05	35.71	1.36	<0.03	<0.03	30	1.2
BH15D	20/07/2020	7.9	454	61	158	0.05	35.72	1.46	<0.03	<0.03	71.4	2.2
BH16S	20/07/2020	8	351	25	141	0.05	35.7	1.49	<0.03	<0.03	62.7	2.6
BH16D	20/07/2020	7.8	328	140	126	0.05	17.95	1.42	<0.03	<0.03	49.4	1.9
BH18S	20/07/2020	7.7	465	28	210	12.65	22.4	1.46	<0.03	1.06	40.2	12.9
BH19S	20/07/2020	>12	2710	121	600	0.52	27.26	2.94	1.13	<0.03	223	5.6
BH25S	20/07/2020	11.5	919	35	250	0.53	105	4.2	<0.03	<0.03	111	27.4
BH26S	20/07/2020	7.6	677	<4.0	250	0.05	59.2	2.28	<0.03	<0.03	99.2	9.6
BH29S	20/07/2020	7.5	903	6	260	0.05	120	1.4	<0.03	<0.03	103	8.3
BH30S	20/07/2020	12	1140	11	220	0.5	67.5	1.95	1.02	<0.03	104	32.2
GTW3A	20/07/2020	7.8	596	7	42	0.05	45.12	1.82	<0.03	<0.03	76.1	5.7
SW11	20/07/2020	7.6	451	<4.0	124	0.05	24.57	2.46	<0.03	<0.03	48.3	<0.15
P1	20/07/2020	8.1	534	14	220	0.05	33.86	2.31	<0.03	<0.03	93.5	1.2
P2	20/07/2020	8	475	16	181	0.05	40.78	1.7	<0.03	<0.03	77.4	1.1
P3	20/07/2020	8	507	18	188	0.05	37.14	2.39	<0.03	<0.03	81.6	0.8
P4	20/07/2020	7.9	570	14	230	0.05	43.05	1.86	<0.03	<0.03	96.7	1.6
P5	20/07/2020	8.3	433	17	151	0.05	35.76	1.71	<0.03	<0.03	53.6	1
P6	20/07/2020	8.3	350	15	121	0.05	35.32	2.98	<0.03	<0.03	42.8	0.6
BH17S	20/07/2020	8.3	428	140	168	0.05	166	2.17	1.03	<0.03	66.8	2.3
BH20S	20/07/2020	11.5	625	107	87	12.65	197	39.24	1.38	<0.03	34.7	25.6
BH27S	20/07/2020	7.5	2160	127	136	0.05	543	1.9	1.04	<0.03	5.5	30.7
BH28S	20/07/2020	7.8	960	102	260	0.05	124	1.77	1.11	3.04	118	3.2
L1	20/07/2020	9.2	1683	252	210	0.05	10.52	2.63	0.93	<0.03	41.1	1.9
L6	20/07/2020	9.3	1686	204	210	0.05	183	41.64	1.44	<0.03	43.5	2.1
L7	20/07/2020	>12	8133	618	210	2.6	1450	2.32	<0.03	<0.03	1210	1.2
L8	20/07/2020	10.5	34.1	6045	84	6.08	14690	4.54	<0.03	6.14	15260	2.5
L17	20/07/2020	>12	4621	142	500	0.62	87.1	8.35	<0.03	0.39	526	0.6
L80	20/07/2020	10.5	34.3	7065	146	6.12	43.4	4.86	<0.03	4.86	9230	2.8
BH200S	20/07/2020	11	631.8	118	92	2.63	197	4.37	<0.03	4.37	51.2	2.8
SW4	20/07/2020	7.3	719	<4.0	260	0.05	75.1	1.62	<0.03	1.62	218	20
BH11S	20/07/2020	Flooded										
BH12S	20/07/2020	Insufficient water to sample										
SW2	20/07/2020	Insufficient water to sample										

Return	Landfill	Type	Report	Parameters > assessment levels				Threshold	C&A Plan	Contingency Action/ Comments
				Sample	Date	Parameter	Result			
Surface water monitoring summary for the quarter	BV7311IE	Non Hazardous	Q							
Leachate monitoring summary for the quarter	BV7311IE		Q							
Borehole monitoring summary for the quarter	BV7311IE		Q							
Fugitive emissions monitoring summary for the quarter	BV7311IE		Q							
Energy consumption 2012	BV7311IE / BW2692IM		A							
Landfill gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Bio-cell gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Fugitive emissions monitoring summary for the quarter	BW2692IM	Hazardous	Q							
Surface water monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Leachate monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Borehole monitoring summary for the quarter	BW2692IM / SP3633MK		Q	BH27S	01/07/2020	Chloride	543.00	250	None	Spikes in chloride observed since 2013. Chloride concentration observed in groundwater is higher than concentration in leachate. Emission limit requirs review.
Landfill gas monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Surface water monitoring summary for the quarter	EPA/AP3292LT	Closed	Q							
Landfill gas monitoring summary for the quarter	EPA/AP3292LT		Q							
Borehole monitoring summary for the quarter	EPR/AP3239LT		Q							
Energy consumption	BV7311IE / BW2692IM	All	A							

Return	Landfill	Type	Report	Parameters > assessment levels				Threshold	C&A Plan	Contingency Action/ Comments
				Sample	Date	Parameter	Result			
Surface water monitoring summary for the quarter	BV7311IE	Non Hazardous	Q							
Leachate monitoring summary for the quarter	BV7311IE		Q							
Borehole monitoring summary for the quarter	BV7311IE		Q							
Fugitive emissions monitoring summary for the quarter	BV7311IE		Q							
Energy consumption 2012	BV7311IE / BW2692IM		A							
Landfill gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Bio-cell gas monitoring summary for the month	BV7311IE / GP3430MH		Q							
Fugitive emissions monitoring summary for the quarter	BW2692IM	Hazardous	Q							
Surface water monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Leachate monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Borehole monitoring summary for the quarter	BW2692IM / SP3633MK		Q	BH27S	28/10/2020	Chloride	1590.00	250	None	Spikes in chloride observed since 2013. Chloride concentration observed in groundwater is higher than concentration in leachate. Emission limit requirs review.
Landfill gas monitoring summary for the quarter	BW2692IM / SP3633MK		Q							
Surface water monitoring summary for the quarter	EPA/AP3292LT	Closed	Q							
Landfill gas monitoring summary for the quarter	EPA/AP3292LT		Q							
Borehole monitoring summary for the quarter	EPR/AP3239LT		Q							
Energy consumption	BV7311IE / BW2692IM	All	A							

s



		15/01/2020	05/02/2020	20/03/2020	30/04/2020	15/06/2020	16/06/2020	23/06/2020	30/06/2020	21/07/2020	28/10/2020	25/01/2021
D/S	**ID**											
Deep	BH1D								0.83			
Shallow	BH2S							0.8			0.33	
Deep	BH2D							0.54				
Shallow	BH3S		0.35	0.27	0.43	0.9				0.98	0.63	
Deep	BH3D			2.61								
Shallow	BH4S		0.89	0.78	0.86			1		1.08	0.87	
Deep	BH4D			1.31	1.46			1.52				
Shallow	BH6S	0.52	0.8	0.61	1.13					1.25	1.88	
Deep	BH6D			1.88	2.01							
Shallow	BH8S											
Deep	BH8D											
Shallow	BH9S		0.17	0.15	0.46		0.79			0.74	0.28	
Deep	BH9D		0.84	0.72	1.09		1.3			1.67		
Shallow	BH10S							0.27				
Deep	BH10D											
Shallow	BH11S						0.98				0.75	
Deep	BH11D											
Shallow	BH12S										4.44	
Deep	BH12D											
Shallow	BH13S						2.1				1.82	
Deep	BH13D											
Shallow	BH14S						1.25				0.92	
Deep	BH14D											
Shallow	BH15S		0.74	0.56	1.38	1.57	1.55			1.17	0.34	
Deep	BH15D		1.11	1.03	1.44					1.35		
Shallow	BH16S		3.65	3.54	3.93	4.06				3.82	3.36	
Deep	BH16D			3.54	3.97					3.82		
Shallow	BH17S		0.74	0.69	1.17	1.17				1.04	FLOODED	
Deep	BH17D											
Shallow	BH18S		1.21				1.26			1.19	1	
Deep	BH18D											
Shallow	BH19S		3.71				4.18			4.09	3.88	
Deep	BH19D											
Shallow	BH20S		2.44				2.63			2.67	2.44	
Deep	BH20D											
Shallow	BH25S			0.45		0.9	1.12			1.07	0.65	0.51
Deep	BH25D									1.75		
Shallow	BH26S		0.53	0.21	0.84					1.28	0.86	0.25
Deep	BH26D											
Shallow	BH27S		missed				4.77			4.81	04-Jan	
Deep	BH27D											
Shallow	BH28S		4.29		4.57		4.62			4.58	BLOCKED	
Deep	BH28D				6.91							
Shallow	BH29S		1.24	1.13	1.41	1.67					1.58	1.21
Deep	BH29D			4.05								
Shallow	BH30S		0.31	0.24	0.32	0.7				0.76	0.49	0.28
Deep	**GWT3a**		0.81					1.36		1.48	1.33	

	Period	15/01/2020	05/02/2020	20/03/2020	30/04/2020	29/05/2020	15/06/2020	20/07/2020	28/08/2020	30/09/2020	28/10/2020	04/11/2020	25/01/2021
ID	**Description**												
SW G1	Adjacent SW13	Flooded	0.93	0.96	0.68	0.71	0.74	0.58	1.25	Flooded	1.05(flooded	1	Flooded
SW G2	Adjacent SW10	0.36	0.16	0.16	0.02	0.05	0.08	0	0.5	0.1	0.31	0.3	0.32
SW G3													
SW G5	Adjacent SW15	Flooded	flooded	flooded	Overgrown	Overgrown	0.86	0.68	Flooded	Flooded		Flooded	Flooded
SWG6	Adjacent SW11	Flooded (>1.1)	0.9	flooded	0.5	0.3	0.36	0.58	1.4	0.51	flooded	1	1.03
SWG7	Adjacent SW12	0.9	0.74	0.89	0.59	0.6	0.54	0.75	1.15	0.74	1	1	0.99

	15/01/2020	05/02/2020	20/03/2020	30/04/2020	29/05/2020	15/06/2020	30/06/2020	21/07/2020	28/08/2020	30/09/2020	28/10/2020	04/11/2020	25/01/2021
Piezos	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**	**Depth (m)**
P1	Overvegetated	Overvegetated	Overvegetated	Overvegetated	Overvegetated	0.72		0.79	0.49	0.92	0.5		
P2	0.94	.88	0.81	0.94	DRY	dry		Dry	1.13	dry	1.12		0.84
P3	Overvegetated	Overvegetated	Overvegetated	Overvegetated	Overvegetated	0.6		0.66	0.45	0.67	0.44		0.41
P4	Overvegetated	Overvegetated	Overvegetated	Overvegetated	Overvegetated	0.2		0.1	vervegetate	0.15	0.03		0
P5	0.92	0.88	0.96	1.11		1.16		1.16	1.05	1.21	1.09		0.95
P6	Overvegetated	Overvegetated	0.42	0.47	Overvegetated	0.45		0.53	0.55	0.52	0.46		0.48
P7	flooded	flooded	flooded	0.1	0.23	0.22		0.05	looded+o.1m	0.1	flooded		Flooded
P8	0.29	0.26	0.55	0.79	DRY	0.86		0.75	0.49	0.82	0.7		0.35
P9	0.73	0.68	0.8	1.05	DRY	1.24		1.09	0.75	1.09	0.81		0.76
P10	0.5	0.48	0.55	Overvegetated		1.3		0.95	0.63	1.08	0.74		0.51
P11	Overvegetated	Overvegetated	0.86	Overvegetated	Overvegetated	1.25		1.06	0.79	1.14	0.9		Og
P12	Overvegetated	Overvegetated	0.83	1.27	1.52	1.55		1.4	1.17	1.46	1.2		0.78
P13	0.34	0.31	0.3	0.73	0.92	0.99		0.95	0.75	0.86	0.77		0.26
P14	0.77	0.72		Overvegetated				0.63	0.6	0.57	0.56		Tree
P15	0.28	0.41	0.32	0.61	DRY	0.89		0.73	0.42	0.51	0.42		0.29
P16	Overvegetated	Overvegetated		Overvegetated	Overvegetated	Vandalised							
P17	Overvegetated	Overvegetated	0.23	0.69	Overvegetated	0.62		0.59	flooded	0.67	flooded		0.31
P18	0.3	0.51	0.4	0.78	0.97	0.67		0.65	0.2	0.76	0.1		0.35
P19	Overvegetated	Overvegetated	0.42	0.77	Overvegetated		0.82	0.45	0.2	0.76	0.1	0.27	0.36
P20	Overvegetated	Overvegetated	0.02 flooded	0.05	Overvegetated		0.44	0.7	0.1	0.46	flooded	0.28	0.29
P21	0.6	0.61	0.57	0.56	0.61	0.63		0.53	flooded	0.2	0.2	0.21	0.02
P22	2.5	2.31	2.19	2.52	2.68	2.51		2.49	2.08	2.54	2	1.05	2.06
P23	0.91	0.98	0.92	1.16			1.17	1.07	1.01	1.15	0.93	0.82	0.79
P24	Overvegetated	Overvegetated	Overvegetated	Overvegetated	Overvegetated		0.25	0.3	flooded	0.2			0.03
P25			1.42	1.97				1.94	1.63				1.38
P26			1.87	2.29				Og	1.9				1.82
P27			1.73	2.27				2.2	2.15				1.69
P28			1.82	2.21				2.2			1.71 (near gw17)		1.74
P29			1.71	2.11				Og			2.21 (enext to p12)		Blocked 1m
P30			1.79	2.29				2.23			2 (next top10)		1.86

G	Location	Date Out	Date In	(mg/m2/day)	Comments	pH	% Fe	% C	Vol (ml)	Insoluble Solids SS (mg)	Soluble Solids SS (mg)	Total Solids (mg)	No. Days	Funnel Area	
D15	Weasel Woods	03-Dec-19	17-Jan-20	214		6.7	0.19	29	8800	97	704	801	45	0.04	0.23
D15	Weasel Woods	17-Jan-20	07-Feb-20	42		8.1	0.00	67	1400	3	70	73	21	0.04	0.23
D15	Weasel Woods	07-Feb-20	03-Mar-20	1321		8.1	0.00	72	9000	729	2016	2745	25	0.04	0.23
D16	Moors	03-Dec-19	17-Jan-20	NA	Blown over.	NA	NA	NA	NA	NA	NA	NA	45	0.04	0.23
D16	Moors	17-Jan-20	07-Feb-20	76		6.9	0.00	75	1400	10	123	133	21	0.04	0.23
D16	Moors	07-Feb-20	03-Mar-20	29		6.7	0.00	100	6800	7	54	61	25	0.04	0.23
D17	EWS	03-Dec-19	17-Jan-20	276		6.6	0.00	76	9200	386	644	1030	45	0.04	0.23
D17	EWS	17-Jan-20	07-Feb-20	13		6.0	0.00	100	1800	2	22	23	21	0.04	0.23
D17	EWS	07-Feb-20	03-Mar-20	177		6.2	0.00	100	7200	7	360	367	25	0.04	0.23
D18	Kenfig Pool	03-Dec-19	17-Jan-20	159		6.0	0.00	0	10400	10	582	593	45	0.04	0.23
D18	Kenfig Pool	17-Jan-20	07-Feb-20	30		5.8	0.00	87	1800	13	40	52	21	0.04	0.23
D18	Kenfig Pool	07-Feb-20	03-Mar-20	206		6.8	0.00	0	6900	0	428	428	25	0.04	0.23
D19	Borehole	03-Dec-19	17-Jan-20	524		7.7	0.00	61	11000	330	1628	1958	45	0.04	0.23
D19	Borehole	17-Jan-20	07-Feb-20	118		7.9	0.00	50	1600	2	205	206	21	0.04	0.23
D19	Borehole	07-Feb-20	03-Mar-20	305		6.4	0.00	100	3600	7	626	634	25	0.04	0.23
D15	Weasel Woods	09-Apr-20	04-May-20	69		6.3	0.05	75	800	6	136	142	25	0.04	0.23
D16	Moors	09-Apr-20	04-May-20	37		5.8	0.22	0	800	7	69	76	25	0.04	0.23
D17	EWS	09-Apr-20	04-May-20	21		6.7	0.00	100	1200	4	41	44	25	0.04	0.23
D18	Kenfig Pool	09-Apr-20	04-May-20	82		6.9	0.00	0	1600	24	147	171	25	0.04	0.23
D19	Borehole	09-Apr-20	04-May-20	89		6.5	0.01	100	1200	2	182	185	25	0.04	0.23
D15	Weasel Woods	07/07/2020	07-Aug-20	39.82482		6.3	0.178947	75	1800	5.4	97.2	102.6	31	0.04	0.23
D16	Moors	07/07/2020	07-Aug-20	68.93653		6.8	0.144595	57.14286	2400	14.4	163.2	177.6	31	0.04	0.23
D17	EWS	07/07/2020	07-Aug-20	65.21023		6.6	0.123333	33.33333	2800	5.6	162.4	168	31	0.04	0.23
D18	Kenfig Pool	07/07/2020	07-Aug-20	48.44189		6.7	0.098077	66.66667	2400	19.2	105.6	124.8	31	0.04	0.23
D19	Borehole	07/07/2020	07-Aug-20	68.626		6.5	0.089706	80	2600	10.4	166.4	176.8	31	0.04	0.23
D15	Weasel Woods	07/08/2020	15-Sep-20	0	Knocked/ Blown over, n	0	0	0	0	0	0	0	39	0.04	0.23
D16	Moors	07/08/2020	15-Sep-20	78.49114		6.9	0.069811	66.66667	4800	14.4	240	254.4	39	0.04	0.23
D17	EWS	07/08/2020	15-Sep-20	107.37		6.8	0.101724	50	6000	24	324	348	39	0.04	0.23
D18	Kenfig Pool	07/08/2020	15-Sep-20	129.5844		6.5	0.136	71.42857	5600	39.2	380.8	420	39	0.04	0.23
D19	Borehole	07/08/2020	15-Sep-20	56.33837	Missing funnel, low sam	7.3	0.126506	100	2200	11	171.6	182.6	39	0.04	0.23
D15	Weasel Woods	15/09/2020	19-Oct-20	50.53793	=Calculations!N11	7	0.062745	81.81818	2800	30.8	112	142.8	34	0.04	0.23
D16	Moors	15/09/2020	19-Oct-20	38.50509	=Calculations!N12	6.8	0.173529	100	3200	19.2	89.6	108.8	34	0.04	0.23
D17	EWS	15/09/2020	19-Oct-20	165.6285	=Calculations!N13	6.6	0.145299	91.22807	4000	228	240	468	34	0.04	0.23
D18	Kenfig Pool	15/09/2020	19-Oct-20	32.70101	=Calculations!N14	6.5	0.02381	100	4400	13.2	79.2	92.4	34	0.04	0.23
D19	Borehole	15/09/2020	19-Oct-20	99.09398	=Calculations!N15	7.1	0.004286	100	4000	8	272	280	34	0.04	0.23
D15	Weasel Woods	19-Oct-20	11-Nov-20	145		7.2	0.03	100	6600	13	264	277	23	0.04	0.23
D16	Moors	19-Oct-20	11-Nov-20	172		7.0	0.07	100	6200	19	310	329	23	0.04	0.23
D17	EWS	19-Oct-20	11-Nov-20	171		6.9	0.05	87	4800	38	288	326	23	0.04	0.23
D18	Kenfig Pool	19-Oct-20	11-Nov-20	55		6.6	0.04	82	4200	46	59	105	23	0.04	0.23
D19	Borehole	19-Oct-20	11-Nov-20	171		7.2	0.07	100	4200	17	311	328	23	0.04	0.23
D15	Weasel Woods	11-Nov-20	07-Dec-20	193		6.3	0.01	100	2800	8	409	417	26	0.04	0.23
D16	Moors	11-Nov-20	07-Dec-20	152		6.4	0.05	85	3600	47	281	328	26	0.04	0.23
D17	EWS	11-Nov-20	07-Dec-20	91		7.1	0.04	100	3400	14	184	197	26	0.04	0.23
D18	Kenfig Pool	11-Nov-20	07-Dec-20	83		6.7	0.14	75	3200	13	166	179	26	0.04	0.23
D19	Borehole	11-Nov-20	07-Dec-20	343		7.0	0.03	100	3600	58	684	742	26	0.04	0.23

Leachate Monitoring Pc					
W/E	L1	L6	L7	L8	L17
04/01/2020	1.61	0.59	2.27	0.91	0.75
11/01/2020	1.66	0.62	2.27	0.73	0.72
18/01/2020	1.79	0.66	2.3	0.96	0.8
25/01/2020	1.8	0.64	2.27	0.58	0.78
01/02/2020	1.6	0.52	1.87	0.78	0.73
08/02/2020	1.55	0.61	1.48	0.88	0.74
15/02/2020	1.59	0.65	1.51	0.66	0.73
22/02/2020	1.73	0.51	1.31	0.74	0.76
29/02/2020	1.79	0.49	1.56	0.55	0.76
07/03/2020	1.81	0.48	1.37	0.94	0.77
14/03/2020	1.79	0.52	1.51	0.79	0.75
21/03/2020	1.79	0.35	1.34	0.57	0.74
28/03/2020	1.8	0.64	0.89	0.74	0.68
04/04/2020	1.7	0.67	0.39	0.82	0.63
11/04/2020	1.7	0.75	0.51	0.48	0.56
18/04/2020	1.73	0.75	0.62	0.47	0.51
25/04/2020	1.57	0.78	0.69	0.5	0.51
02/05/2020	1.01	0.79	0.73	0.69	0.53
09/05/2020	0.82	0.56	0.39	0.55	0.5
16/05/2020	0.76	0.6	0.47	0.55	0.51
23/05/2020	0.78	0.62	0.51	0.34	0.5
30/05/2020	0.78	0.6	0.54	0.34	0.51
06/06/2020	0.71	0.62	0.59	0.5	0.5
13/06/2020	0.72	0.38	0.64	0.62	0.58
20/06/2020	0.75	0.45	0.34	0.8	0.59
27/06/2020	0.79	0.56	0.45	0.52	0.58
04/07/2020	0.7	0.58	0.57	0.8	0.6
11/07/2020	0.68	0.6	0.57	0.75	0.85
18/07/2020	0.77	0.62	0.8	0.5	0.74
25/07/2020	0.81	0.36	0.59	0.47	0.62
01/08/2020	0.76	0.4	0.51	0.5	0.63
08/08/2020	0.76	0.35	0.29	0.66	0.57
15/08/2020	0.82	0.42	0.38	0.6	0.63
22/08/2020	0.78	0.59	0.49	0.57	0.77
29/08/2020	0.72	0.49	0.74	0.6	0.77
05/09/2020	0.85	0.59	0.9	0.53	0.77
12/09/2020	0.89	0.35	0.34	0.66	0.57
19/09/2020	0.81	0.69	0.59	0.59	0.69
26/09/2020	0.81	0.72	0.67	0.65	0.76
03/10/2020	0.86	0.65	0.61	0.53	0.74
10/10/2020	0.88	0.56	0.6	0.56	0.74
17/10/2020	0.84	0.66	0.82	0.59	0.74
24/10/2020	0.79	0.73	0.52	0.74	0.76
31/10/2020	0.87	0.64	0.83	0.72	0.84
07/11/2020	0.79	0.33	0.74	0.9	0.76
14/11/2020	0.82	0.63	0.89	0.78	0.75
21/11/2020	0.84	0.57	0.57	0.73	0.71
28/11/2020	0.71	0.66	0.78	0.59	0.74

05/12/2020	0.74	0.36	0.49	0.75	0.75
12/12/2020	0.79	0.47	0.61	0.66	0.74
19/12/2020	0.84	0.78	0.89	0.74	0.72
26/12/2020	0.83	0.64	0.77	0.82	0.85
02/01/2021	0.81	0.38	0.86	0.76	0.88

oints	Bio Ce	
Comments	L2	L3
L1 & L7 Breach of 1m permitted leachate level		
L1 & L7 Breach of 1m permitted leachate level		
L1 & L7 Breach of 1m permitted leachate level		
L1 & L7 Breach of 1m permitted leachate level		
L1 & L7 Breach of 1m permitted leachate level		
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 & L7 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
L1 Breach of 1m permitted leachate level	No Level Detected	No Level Detected
All cells in complaince	No Level Detected	No Level Detected
All cells in complaince	No Level Detected	No Level Detected
All cells in complaince

All cells in complaince
All cells in complaince
All cells in complaince
All cells in complaince
All cells in complaince

No Level Detected	No Level Detected
No Level Detected	No Level Detected
No Level Detected	No Level Detected
No Level Detected	No Level Detected
No Level Detected	No Level Detected

ll Gas Well / Leachate Points			Haz cell Gas / L
L4	W11	L5	GA28
			No Well
			No Well
			No Well
			No Well
			No Well
No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected

No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected	No Well
No Level Detected	No Level Detected	No Level Detected	No Well

eachate Points
GA30
No Level Detected
No Level Detected
No Level Detected

No Level Detected
No Level Detected
No Level Detected
No Level Detected
No Level Detected