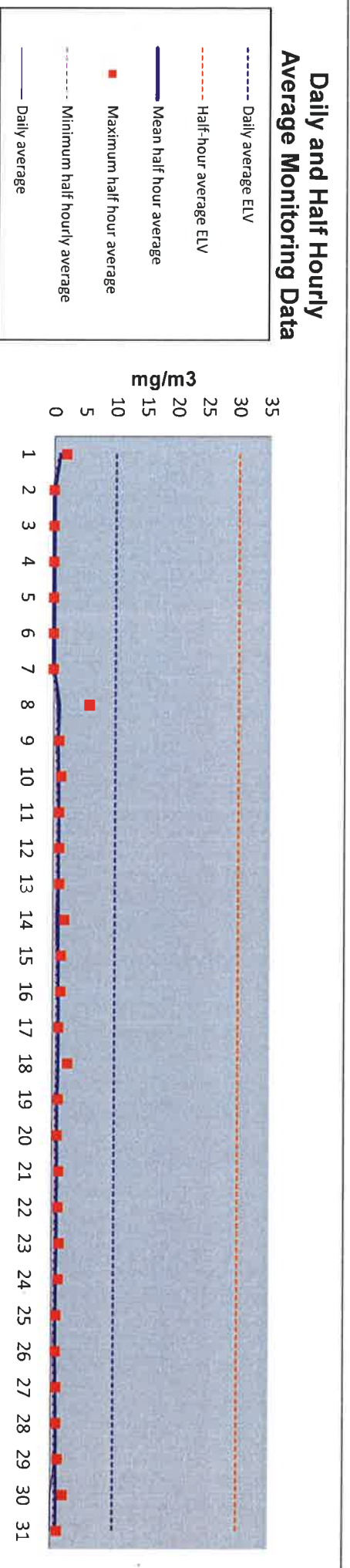


Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A2/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Particulates from Emission Point A1 for the month of May 2014



	Date																																
Monthly summary	Half-hour average ELV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
Monthly maximum	5.8 Maximum half hour average	2	0	0	0	0	0	0	5.78	0.97	1.34	1.01	1.05	1.09	1.91	1.41	1.36	1.05	2.53	0.99	0.88	1.17	1.09	1.28	1.18	0.85	0.78	0.9	0.94	1.2	2.04	1.11	1.1
Monthly mean	0.6 Mean half hour average	0.9	0	0	0	0	0	0	0.91	0.69	0.81	0.84	0.86	0.82	0.8	0.84	0.91	0.89	0.94	0.77	0.74	0.83	0.75	0.76	0.67	0.64	0.6	0.71	0.77	0.77	0.84	0.81	0.8
Half-hourly average	Monthly minimum	0.0	0	0	0	0	0	0	0.37	0.65	0.5	0.62	0.66	0.56	0.34	0.54	0.69	0.76	0.77	0.6	0.54	0.55	0.58	0.57	0.51	0.44	0.5	0.47	0.65	0.53	0.62	0.6	0.6
	Total invalid results	62.0	No. of invalid results	37	0	0	0	0	15	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Daily average	Monthly maximum	0.9	0	0	0	0	0	0	0.91	0.69	0.81	0.84	0.86	0.82	0.8	0.84	0.91	0.89	0.94	0.77	0.74	0.83	0.75	0.76	0.67	0.64	0.6	0.71	0.77	0.77	0	0	0
	No. of invalid days	0.0	Value valid						Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....
(authorised to sign as representative of the Operator)

MONITORING RETURNS N. WALSH

CHIEF EXECUTIVE AUTHORITY

PACKAGING

ON-POUR PUBLIC PRESSURE

WREXHAM CLINICAL WASTE INCINERATOR

INITIALS DATE

LC 18.7.14

JB 3.7.14

LC 18.7.14

JB 18.7.14

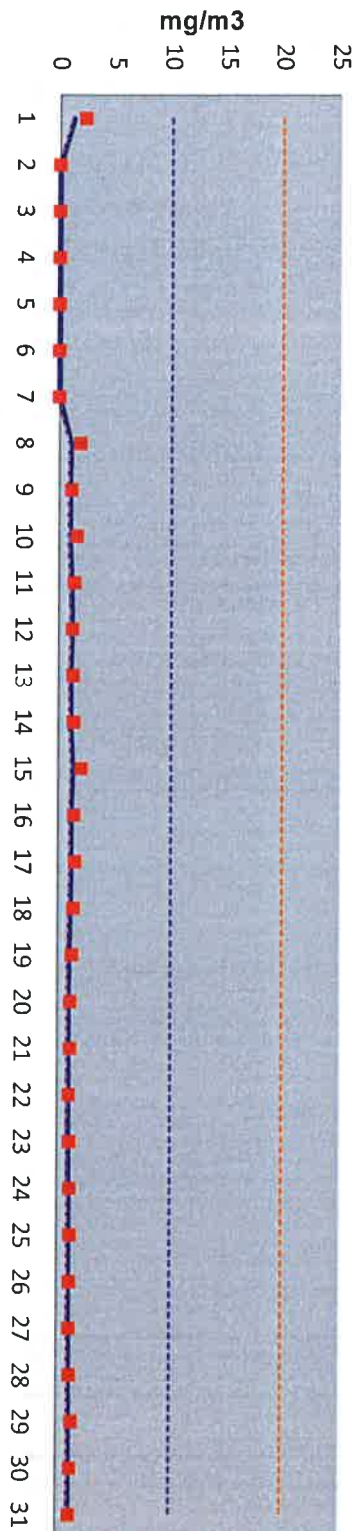
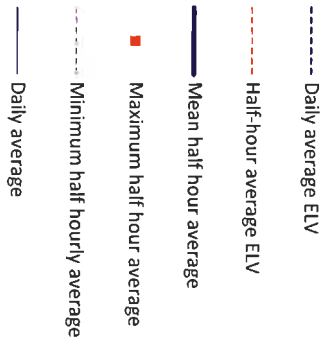


Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A4/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for VOC from Emission Point A1 for the month of May 2014

Daily and Half Hourly Average Monitoring Data



Half-hourly average	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Half-hour average ELV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Monthly maximum	2.3 Maximum half hour average	2.26	0	0	0	0	0	0	1.88	1.12	1.59	1.39	1.24	1.32	1.36	2.03	1.41	1.52	1.39	1.28	1.15	1.15	1.07	1.11	1.15	1.2	1.16	1.14	1.2	1.37	1.27	1.18
	Monthly mean	0.9 Mean half hour average	1.24	0	0	0	0	0	0	1.04	0.99	0.97	1.16	1.2	1.11	1.11	1.29	1.15	1.17	1.13	1.04	0.99	0.99	0.99	1.02	1.04	1.05	1.03	1.06	1.07	1.12	1.11	1.12
	Monthly minimum	0.0 Minimum half hourly average	0.97	0	0	0	0	0	0	0.87	0.88	0.88	1.06	1.14	0.88	0.95	1.06	0.96	1.02	0.9	0.79	0.83	0.87	0.91	0.92	0.95	0.86	0.94	0.96	0.94	0.99	0.97	1.01
Daily average	Total invalid results	62.0 No. of invalid results	37	0	0	0	0	0	0	15	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Sum of exceedances	0.0 No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Monthly maximum	1.3 Daily average	1.24	0	0	0	0	0	0	1.04	0.99	0.97	1.16	1.2	1.11	1.11	1.29	1.15	1.17	1.13	1.04	0.99	0.99	0.99	1.02	1.04	1.05	1.03	1.06	1.07	1.12	1.11	1.12
	No. of invalid days	0.0 Value valid								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	0.0 Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

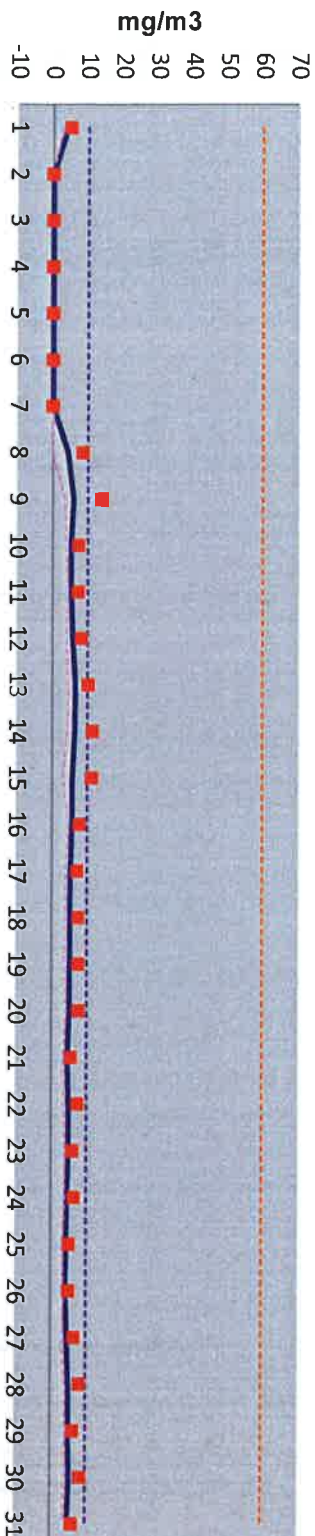
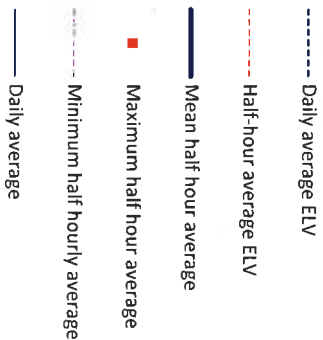
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A3/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride from Emission Point A1 for the month of May 2014

Daily and Half Hourly Average Monitoring Data



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
			Half-hour average ELV	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	
	Monthly maximum		14.1 Maximum half hour average	5.07	0	0	0	0	0	0	6.54	14.1	7.34	7.29	8.19	10.2	11.5	11.3	7.76	7.16	7.54	7.54	7.58	5.51	7.4	6.03	6.49	5.14	4.99	6.59	8.17	6.3	8.41	6.14
Half-hourly average	Monthly mean		4.1 Mean half hour average	4.11	0	0	0	0	0	0	4.32	5.98	5.27	5.36	5.77	6.65	6.43	5.83	5.72	5.35	5.19	5.18	5.04	4.62	4.9	4.95	4.55	4.31	4.17	4.58	5.08	5.04	5.35	4.87
	Monthly minimum		-0.1 Minimum half hourly average	2.65	0	0	0	0	0	0	-0.1	3.48	3.92	4.35	4.17	4.6	4.46	3.09	4.68	4	3.86	3.71	4.09	3.45	3.49	3.84	3.78	3.35	3.46	3.36	3.97	4	4.07	3.62
	Total invalid results		62.0 No. of invalid results	37	0	0	0	0	0	0	15	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
	Sum of exceedances		0.0 No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Daily average ELV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Daily average	Monthly maximum		6.7 Daily average	4.11	0	0	0	0	0	0	4.32	5.98	5.27	5.36	5.77	6.65	6.43	5.83	5.72	5.35	5.19	5.18	5.04	4.62	4.9	4.95	4.55	4.31	4.17	4.58	5.08	5.04	5.35	4.87
	No. of invalid days		0.0 Value valid								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances		0.0 Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

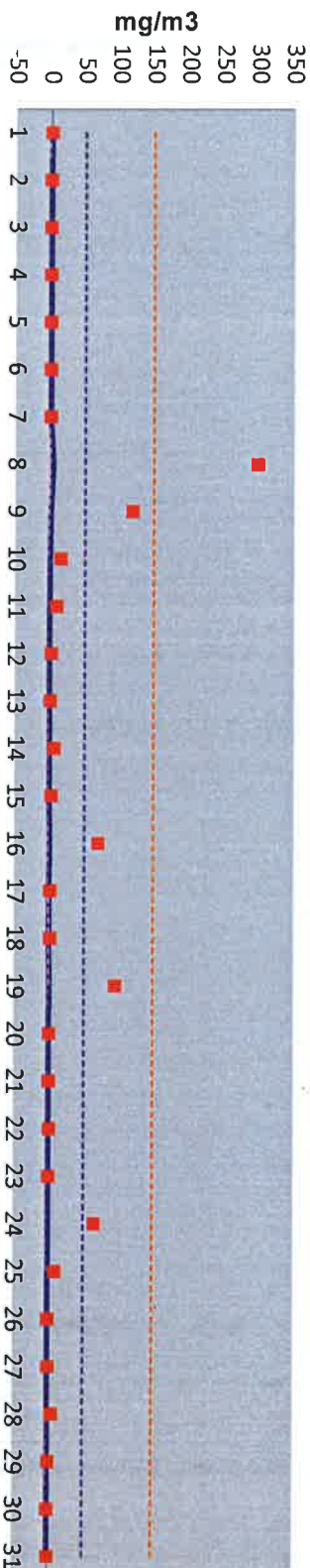
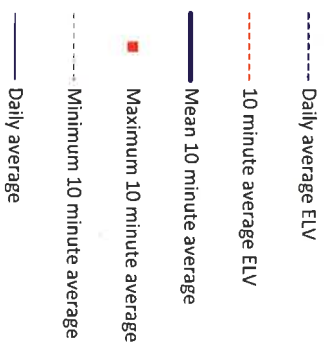
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A5/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of May 2013

Daily and 10 minute Average Monitoring Data



10 minute average	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		10 minute average ELV	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
	Monthly maximum	299.9 Maximum 10 minute average	0.85	0	0	0	0	0	0	300	122	15.1	9.1	1.39	0.08	5.77	1.84	70.25	0.67	0.67	95.3	-0	-0.3	0.19	-0.1	65.7	8.75	-0.6	-0.08	4.97	0.47	-0.46	0.04
	Monthly mean	-0.4 Mean 10 minute average	0.98	0	0	0	0	0	0	3.91	0.61	-0.6	-1	-1.1	-1.1	-0.9	-0.9	-0.09	-0.7	-0.8	-0.1	-0.9	-0.9	-0.99	-0.8	-0.4	-0.9	-1.1	-1.1	-1	-0.9	-0.99	-1
	Monthly minimum	-1.9 Minimum 10 minute average	-1.6	0	0	0	0	0	0	-1.5	-1.3	-1.4	-1.4	-1.5	-1.5	-1.6	-1.9	-1.67	-1.5	-1.4	-1.4	-1.3	-1.4	-1.38	-1.3	-1.3	-1.5	-1.3	-1.47	-1.4	-1.53	-1.44	-1.5
	Total invalid results	179.0 No. of invalid results	111	0	0	0	0	0	0	45	0	0	0	0	0	0	12	5	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
	Sum of exceedances	1.0 No. of exceedances of ELV	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	Daily average	3.9 Daily average	0.98	0	0	0	0	0	0	3.91	0.61	-0.6	-1	-1.1	-1.1	-0.9	-0.9	-0.09	-0.7		-0.1	-0.9	-0.9	-0.99	-0.8	-0.4	-0.9	-1.1	-1.1	-1	-0.9	-0.99	-1
		No. of invalid days	0.0								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

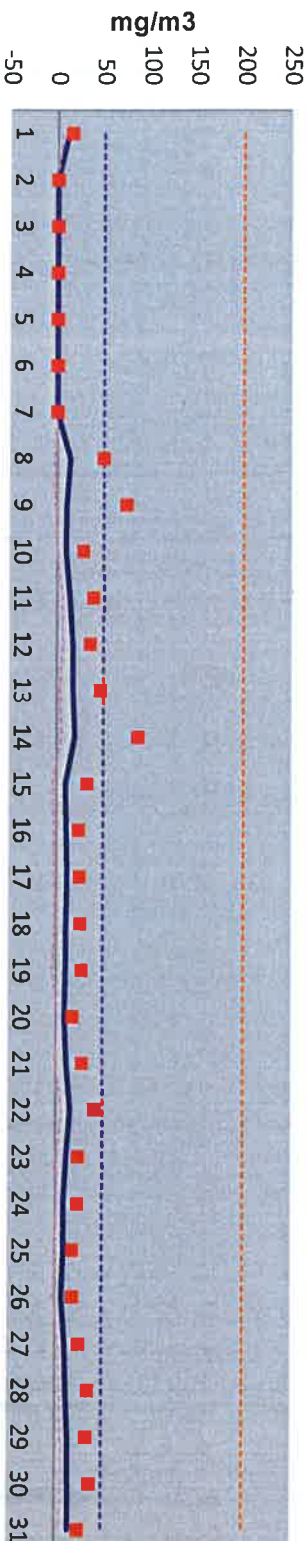
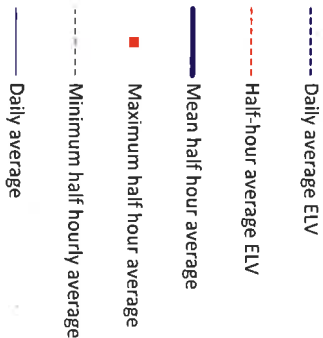
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A6/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide from Emission Point A1 for the month of May 2014

Daily and Half Hourly Average Monitoring Data



	Monthly summary		Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
			Half-hour average ELV	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Half-hourly average	Monthly maximum	87.5	Maximum half hour average	15.7	0	0	0	0	0	0	50.1	74.6	28.4	39.4	36	47	87.5	32.9	23.8	25	25.8	27.4	17.7	28.2	41.9	24.1	24	18.2	18.3	25.5	35.2	33.8	37.3	24.8
	Monthly mean	9.7	Mean half hour average	11.7	0	0	0	0	0	0	13.9	10.3	9.72	14	17.1	17.5	19.6	9.66	10.6	11.8	10.6	10.3	9.25	11.3	15.4	11.5	8.69	8.88	6.66	10.2	11.5	13.6	14	14.2
	Monthly minimum	-4.1	Minimum half hourly average	5.49	0	0	0	0	0	0	-2.6	-1.4	0.5	6.25	6.79	3.49	5.6	-4.1	-2.3	-1.6	-1.3	-3.7	1.96	-0.9	7.15	1.43	1.64	-0.8	-2.2	3.62	5.26	6.6	7.35	4.88
	Total invalid results	62.0	No of invalid results	37	0	0	0	0	0	0	15	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Sum of exceedances	0.0	No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Daily average ELV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Daily average	Monthly maximum	19.6	Daily average	11.7	0	0	0	0	0	0	13.9	10.3	9.72	14	17.1	17.5	19.6	9.66	10.6	11.8	10.6	10.3	9.25	11.3	15.4	11.5	8.69	8.88	6.66	10.2	11.5	13.6	14	14.2
	No. of invalid days	0.0	Value valid								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	0.0	Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

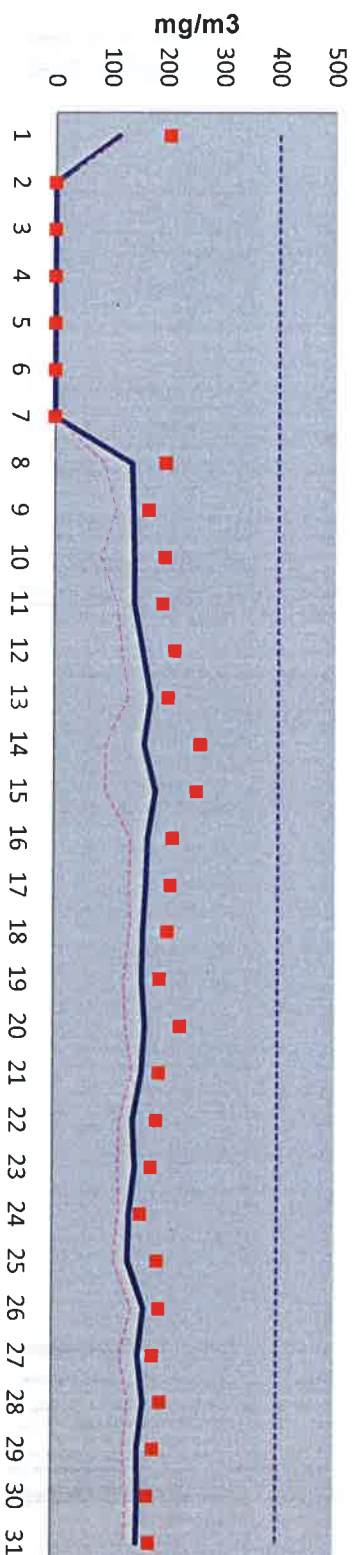
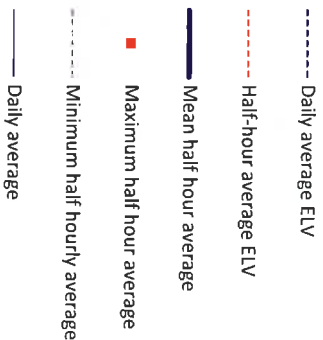
Signed..... Date.....
(authorised to sign as representative of the Operator)

Permit Reference no: AP3538SM
Operator: SITA Limited
Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/MP3239FQ/V002
Form Number : Agency Form / A7/ Form Dated 20 October 2011

Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen from Emission Point A1 for the month of May 2014

Daily and Half Hourly Average Monitoring Data



	Monthly summary	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Half-hour average ELV																															
Half-hourly average	Monthly maximum	262.2 Maximum half hour average	205	0	0	0	0	0	0	199	169	199	195	217	205	262	256	213	210	205	192	228	191	187	177	158	188	193	181	195	182	172	176
	Monthly mean	124.2 Mean half hour average	114	0	0	0	0	0	0	139	141	143	144	159	174	162	183	169	166	161	159	165	160	144	148	138	136	165	154	164	154	155	155
	Monthly minimum	0.0 Minimum half hourly average	123	0	0	0	0	0	0	90.2	112	84.2	114	122	134	93.5	93.5	138	137	138	128	131	143	121	119	120	111	143	123	138	130	135	132
	Total invalid results	25.0 No. of invalid results	0	0	0	0	0	0	0	15	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
	Sum of exceedances	1.0 No. of exceedances of ELV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily average		Daily average ELV	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	403	400
	Monthly maximum	183.1 Daily average	114	0	0	0	0	0	0	139	141	143	144	159	174	162	183	169	166	161	159	165	160	144	148	138	136	165	154	164	154	155	153
	No. of invalid days	0.0 Value valid								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Sum of exceedances	0.0 Value exceeds ELV (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Signed..... Date.....
(authorised to sign as representative of the Operator)