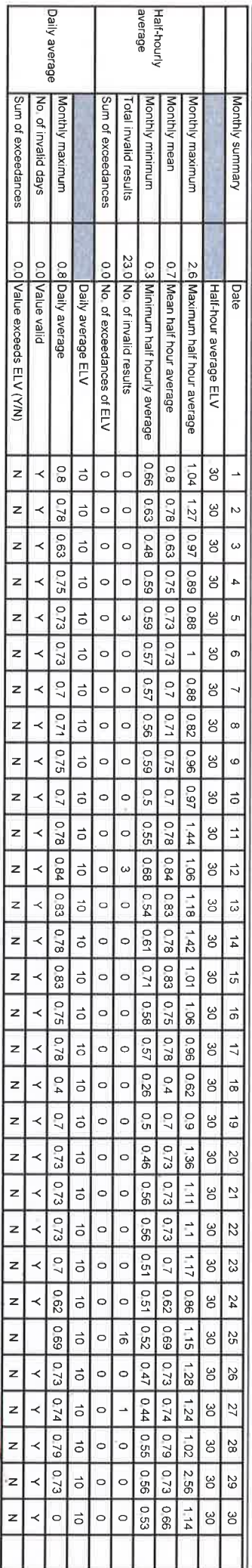


Variation Reference Number: **EPR/MP3239/Q/M002**  
Form Number: Agency Form / A2/ Form Dated 20 October 2011

RECEIVED  
31 JUL 2014  
Q/M002

Diagram illustrating the hierarchy of ELV types:

- Daily average ELV (dashed line)
- Half-hour average ELV (dashed line)
- Mean half hour average (solid line)
- Maximum half hour average (red square)
- Minimum half hourly average (dotted line)
- Daily average (solid line)



INITIALS DATE

LC 28.10.14

6814 JB

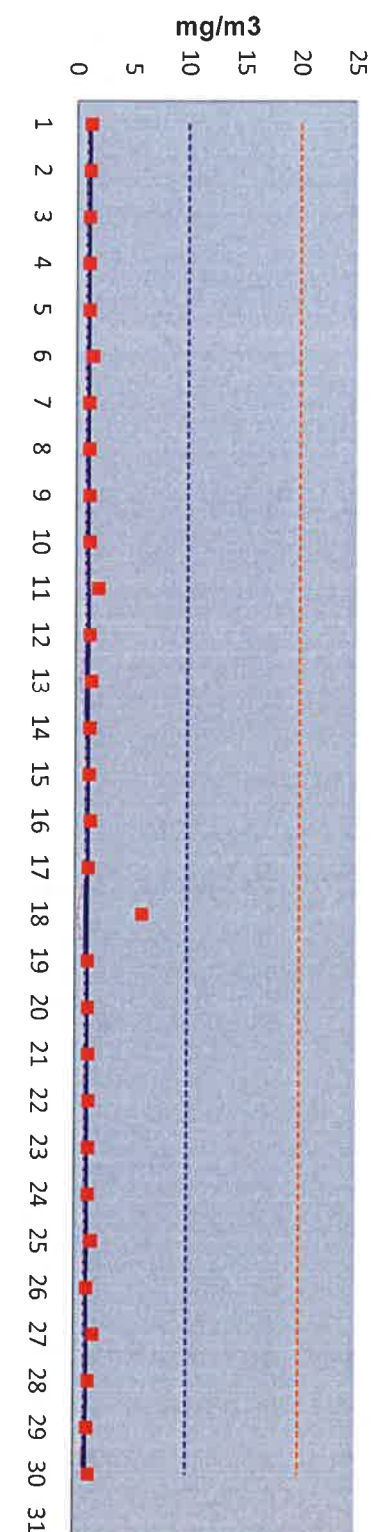
28.10.16

76 Edm

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 June 2014

### Daily and Half Hourly Average Monitoring Data

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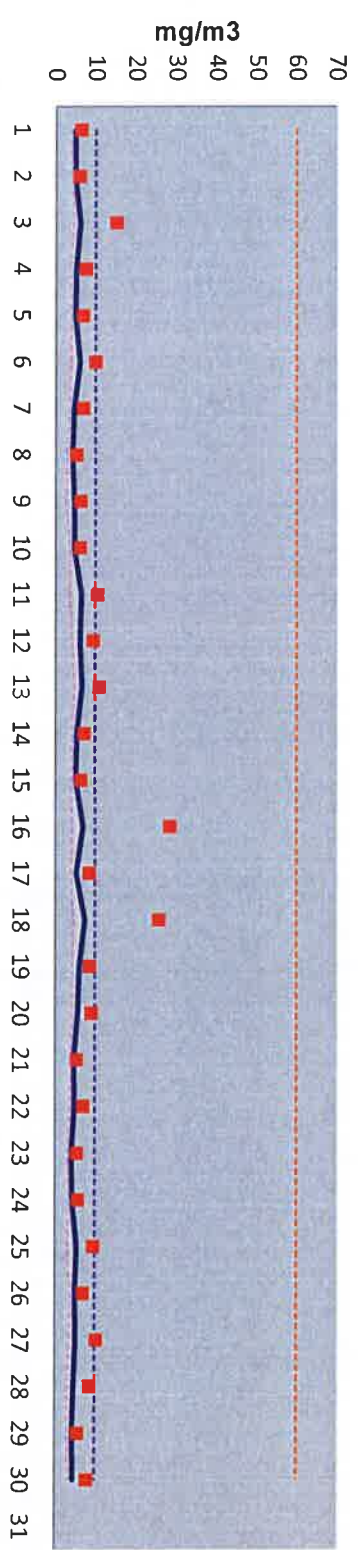
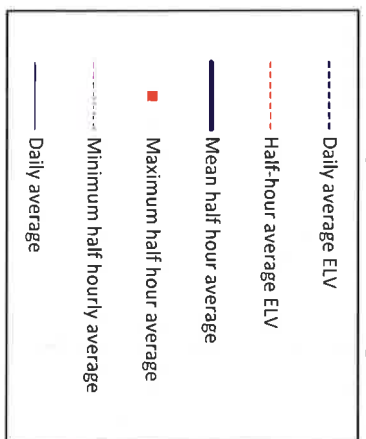
Signed..... Date.....  
(authorised to sign as representative of the Operator)

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 June 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	
	Half-hour average ELV		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		28.4 Maximum half hour average	6.4	5.98	15.2	7.62	6.86	9.89	6.96	5.3	6.33	6.21	10.6	9.46	11	7.24	6.44	28.4	8.57	25.8	8.64	9.14	5.48	7.12	5.53	5.81	9.58	7.07	10.3	8.68	5.66	7.99	
	Monthly mean		5.3 Mean half hour average	4.97	4.91	6.21	5.14	5.01	6.09	4.67	4.3	4.77	4.73	6.54	6.22	6.65	5.36	5.19	6.98	5.33	7.45	6.11	5.73	4.76	4.92	4.23	4.35	5.51	5.06	5.27	4.77	4.4	4.58	
	Monthly minimum		2.9 Minimum half hourly average	3.84	4.23	4.58	3.75	3.99	3.89	3.65	2.93	2.85	3.72	3.69	4.28	4.87	4.22	3.96	4.34	4.03	4.62	4.47	4.36	3.85	3.8	3.27	3.53	3.26	3.89	3.63	3.23	3.19	3.32	
	Total invalid results		24.0 No. of invalid results	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	16	0	1	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		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	
	Monthly maximum		7.5 Daily average	4.97	4.91	6.21	5.14	5.01	6.09	4.67	4.3	4.77	4.73	6.54	6.22	6.65	5.36	5.19	6.98	5.33	7.45	6.11	5.73	4.76	4.92	4.23	4.35	5.51	5.06	5.27	4.77	4.4	4.58	
	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	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)

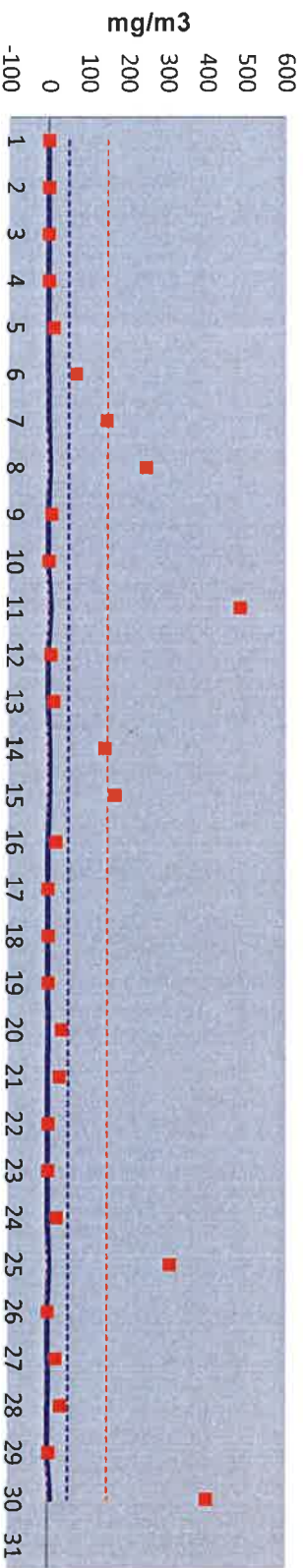
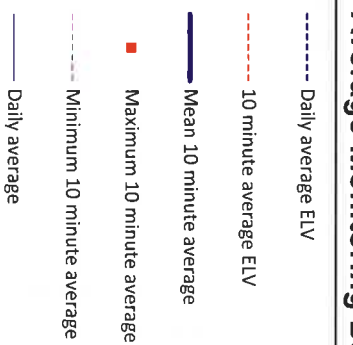


Permit Reference no: AP3538SM  
Operator: SITA Limited  
Installation: Wrexham Clinical Waste Incinerator

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

### Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide from Emission Point A1 for the month of June 2014

#### Daily and 10 minute 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	
		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	
	Monthly maximum	486.1 Maximum 10 minute average	0.04	0.03	-0.4	-0.1	12.5	71.1	147	245	7.76	0.95	486	5.92	13.1	143	169	19.07	-0.5	0.24	-0	33.3	28.6	1.13	0.32	22	307	-0.4	19.2	31.2	2.21	400.15	
	Monthly mean	0.3 Mean 10 minute average	-0.9	-0.9	-1	-1	-0.9	-0.2	0.49	3.95	-0.9	-1	5.73	-0.9	-0.4	2.57	3.06	-0.39	-1.1	-1	-1	0.73	-0.9	-1.03	-1	-0.8	2.91	-1	-0.6	-0.6	-1.12	7.21	
	Monthly minimum	-1.9 Minimum 10 minute average	-1.5	-1.3	-1.8	-1.3	-1.7	-1.7	-1.3	-1.3	-1.4	-1.6	-1.3	-1.6	-1.4	-1.5	-1.4	-1.4	-1.5	-1.4	-1.3	-1.4	-1.4	-1.37	-1.4	-1.3	-1.3	-1.6	-1.4	-1.4	-1.46	-1.86	
	Total invalid results	63.0 No. of invalid results	0	0	0	0	4	0	0	0	0	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0	52	0	1	0	0	0	
	Sum of exceedances	5.0 No. of exceedances of ELV	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	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	
	Monthly maximum	7.2 Daily average	-0.9	-0.9	-1	-1	-0.9	-0.2	0.49	3.95	-0.9	-1	5.73	-0.9	-0.4	2.57	3.06	-0.39	-1.1	0	-1	0.73	-0.9	-1.03	-1	-0.8	2.91	-1	-0.6	-0.6	-1.12	7.21	
	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	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	

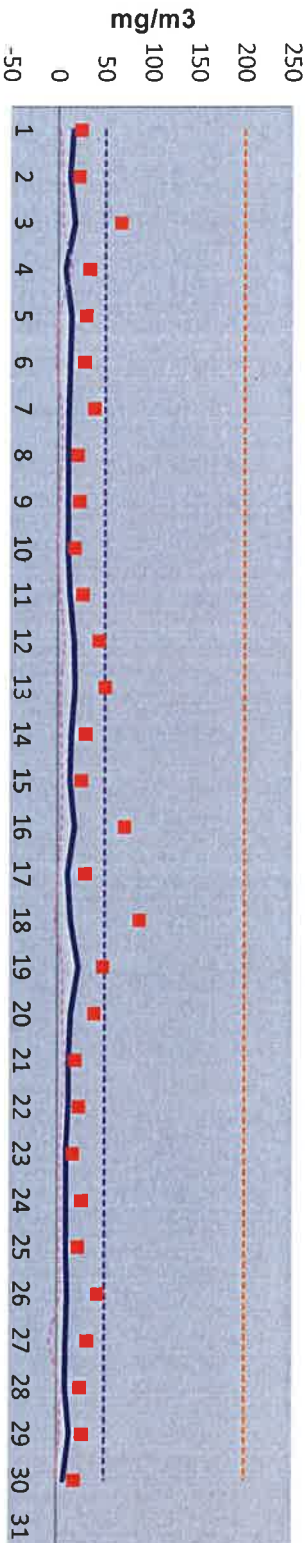
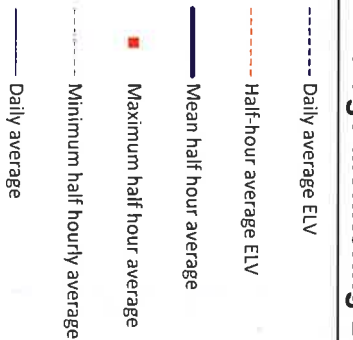
Signed..... Date.....  
(authorised to sign as representative of the Operator)

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 June 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
		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
Half-hourly average	Monthly maximum	86.9 Maximum half hour average	24.3	22.2	66.9	33.3	29.8	28.2	38.7	21.1	22.9	17.8	26.7	43.7	50.3	29.9	25.1	71.1	29.4	86.9	48.1	39.1	19	22.9	16.5	26.4	22.2	42.8	32.2	25	26.9	18.6
	Monthly mean	12.9 Mean half hour average	16.2	12.6	17.8	7.87	14.5	12.9	11.7	10.9	11.4	10.9	13.1	17.4	18.4	14.7	13.5	18	10.8	14.1	22.2	14.5	12.3	11.9	9.44	9.45	9.49	10.9	9.43	8.99	13.4	7.29
	Monthly minimum	-8.0 Minimum half hourly average	2.43	5.35	4.6	14.6	0.39	-2.5	4.51	3.94	2.25	-0.6	2.53	7.75	2.57	3.87	4.68	4.38	1.04	-2.4	5.97	5.29	7.54	5.35	2.66	4.42	2.82	4.22	-8	3.79	3.24	-2.2
	Total invalid results	24.0 No. of invalid results	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	16	0	1	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	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	22.2 Daily average	16.2	12.6	17.8	7.87	14.5	12.9	11.7	10.9	11.4	10.9	13.1	17.4	18.4	14.7	13.5	18	10.8	14.1	22.2	14.5	12.3	11.9	9.44	9.45	9.49	10.9	9.43	8.99	13.4	7.29
	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	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

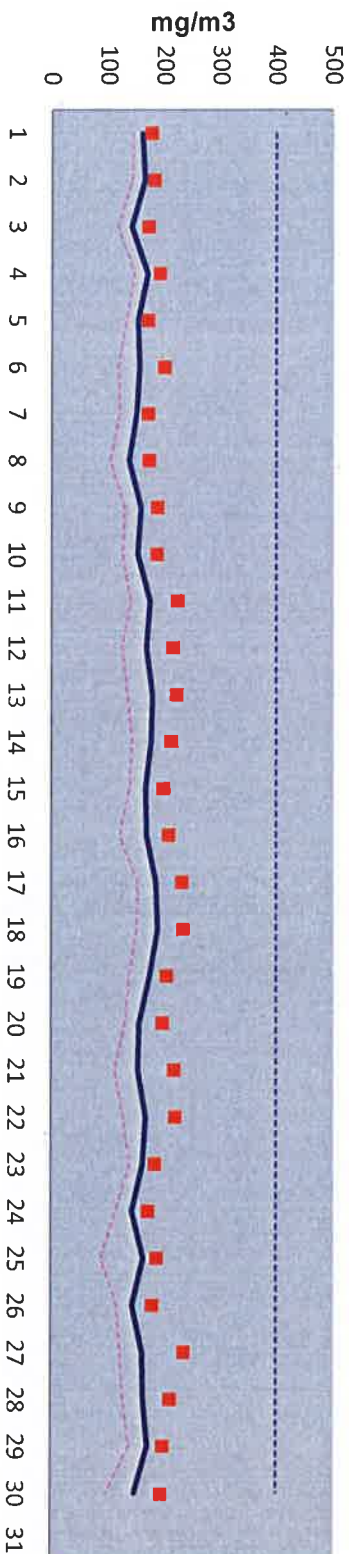
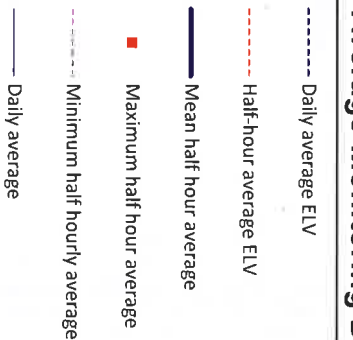
Signed..... Date.....  
(authorised to sign as representative of the Operator)

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

Variation Reference Number: EPR/MP3239FQ/V002  
Form Number : Agency Form / 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 June 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		
	Half-hour average ELV																																
Half-hourly average	Monthly maximum	235.6	Maximum half hour average	177	182.08	172	192	171	200	171	173	188	187	223	215	222	212	199	208	232	233	205	198	218	220	184	172	188	180	236	211	199	195
	Monthly mean	162.5	Mean half hour average	160	165.42	142	170	153	156	151	138	159	153	175	168	180	177	167	169	186	189	175	157	154	168	163	144	164	145	162	164	172	149
	Monthly minimum	89.3	Minimum half hourly average	144	143.54	118	147	133	119	121	105	130	126	141	126	135	144	139	121	153	153	139	132	114	128	140	115	89.3	117	124	129	140	98
	Total invalid results	24.0	No. of invalid results	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	16	0	1	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
Daily average	Monthly maximum	189.4	Daily average	160	165.42	142	170	153	156	151	138	159	153	175	168	180	177	167	169	186	189	175	157	154	168	163	144	164	145	162	164	172	149
	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	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)