Waste Disposal Licence No: WDL/06/2003/V

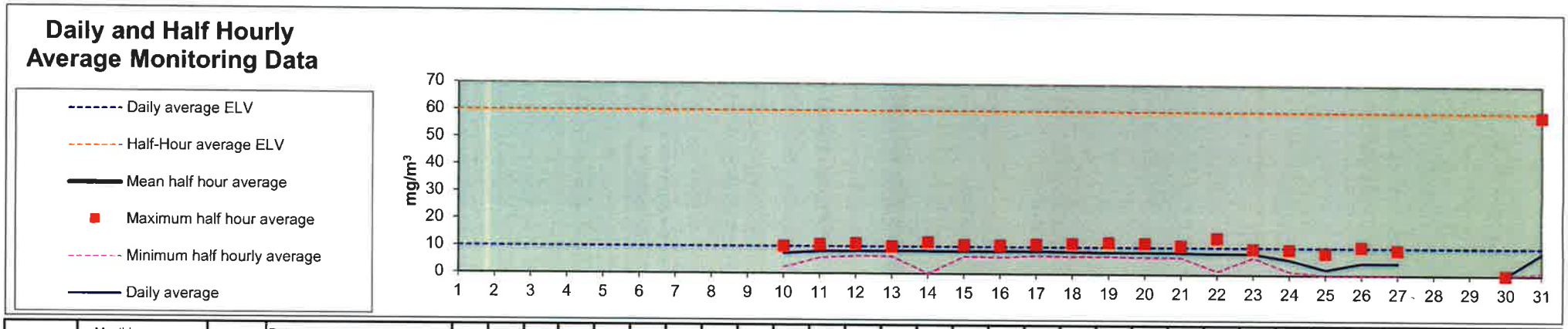
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Hydrogen Chloride

Reporting of Continuously Monitored Emissions to Air from release point A1 for Hydrogen Chloride for the month of October 2016

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	60
Half-hourly average	Monthly maximum	58.7	Maximum half hour average										9.9	10.6	11.0	9.9	11.5	10.5	10.4	10.9	11.2	11.6	11.3	10.5	13.4	9.4	9.2	8.0	10.2	9.1			0.0	58.7
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum half hourly average										2.2	5.8	6.4	6.2	0.0	6.3	6.0	6.7	6.4	6.5	6.2	6.2	1.3	6.3	1.2	0.0	0.0	0.0			0.0	0.9
	Total invalid results	0	No. of invalid results	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
	Sum of exceedances	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	8.5	Daily average										7.5	8.2	8.3	8.4	8.4	8.3	8.4	8.5	8.3	8.1	8.1	8.1	7.9	7.9	5.7	2.1	4.6	4.5			0.0	8.2
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed R Weimar Date 1/11/16

(authorised to sign as representative of SITA Isle of Man Limited)

Waste Disposal Licence No:WDL/06/2003/V4

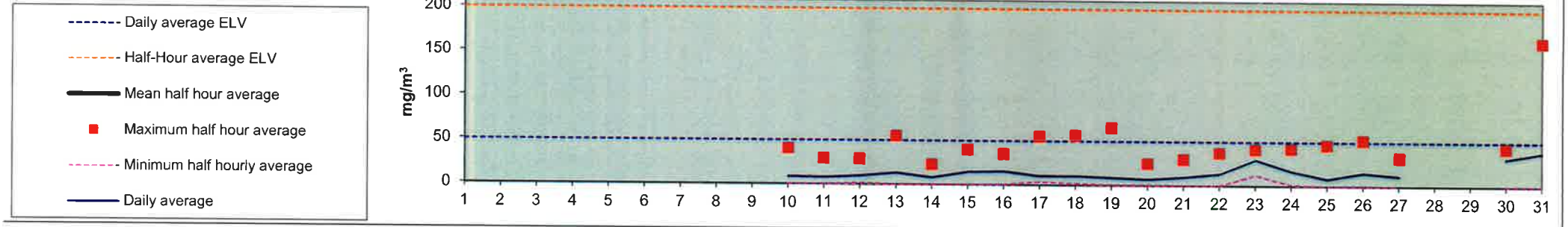
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Sulphur Dioxide

Reporting of Continuously Monitored Emissions to Air from release point A1 for Sulphur Dioxide for the month of October 2016

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	164.0	Maximum half hour average										40.2	29.4	28.8	54.7	22.5	39.7	35.1	54.8	55.9	64.8	24.9	29.7	37.0	41.5	42.2	46.2	52.1	32.7			43.2	164.0
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum half hourly average										0.0	0.2	1.3	0.0	0.0	0.0	0.5	3.6	1.8	0.4	0.4	0.0	0.3	12.2	1.4	0.0	0.5	0.0			0.1	0.3
	Total invalid results	0	No. of invalid results	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
	Sum of exceedances	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			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
		38.5	Daily average										8.8	7.9	9.7	13.2	8.1	14.6	15.4	10.2	10.7	8.9	7.3	9.7	13.7	29.7	16.8	8.3	15.1	11.7			31.6	38.5
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed..... Date.....

(authorised to sign as representative of SITA Isle of Man Limited)

Waste Disposal Licence No:WDL/06/2003/V4

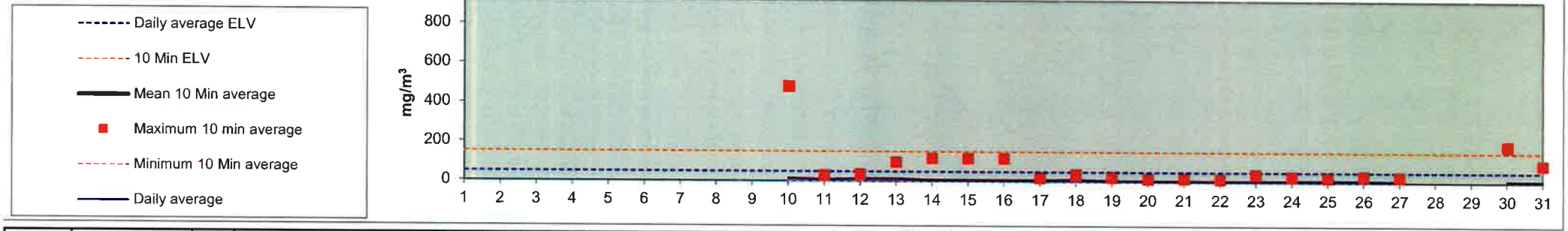
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Carbon Monoxide

Reporting of Continuously Monitored Emissions to Air from release point A1 for Carbon Monoxide for the month of October 2016

Daily and Ten 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	31
			10 Min 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
Ten Minute average	Monthly maximum	481.1	Maximum 10 min average										481.1	27.4	33.2	94.8	115.6	115.6	115.6	17.6	34.3	20.8	14.2	16.6	12.9	36.4	26.1	21.1	29.6	24.6			184.0	88.0
	Monthly mean		Mean 10 Min average																															
	Monthly minimum	0.0	Minimum 10 Min average										2.9	2.8	3.5	5.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.2	1.3	3.5	4.0	1.4	0.0			3.2	2.0
	Total invalid results	0	No. of invalid results	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
	Sum of exceedances	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			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
	Monthly maximum	15.8	Daily average										15.8	10.2	13.5	15.4	7.3	7.3	7.3	9.0	12.0	6.4	5.5	7.0	5.2	7.0	7.8	9.6	9.4	7.2			7.6	9.5
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed..... Date.....1/11/16.....

(authorised to sign as representative of SITA Isle of Man Limited)

Waste Disposal Licence No: WDL/06/2003/V4

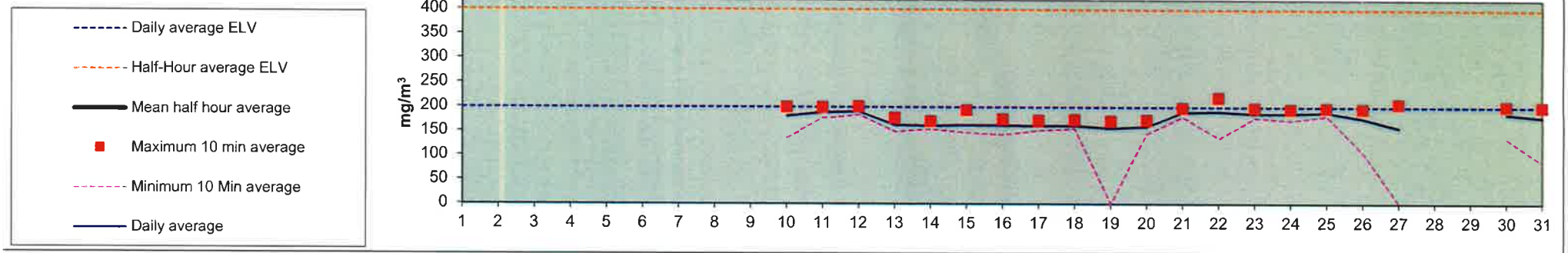
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Oxides of Nitrogen

Reporting of Continuously Monitored Emissions to Air from release point A1 for Oxides of Nitrogen for the month of October 2016

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	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	400	400
Half-hourly average	Monthly maximum	218.9	Maximum 10 min average										199	199	201	177	170	193	175	172	174	171	173	198	219	198	195	197	196	206			201	200
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum 10 Min average										136	175	183	149	153	146	142	151	154	0	144	179	135	177	172	181	105	0			134	86
	Total invalid results	0	No. of invalid results																															
	Sum of exceedances	0	No. of exceedances of ELV																															
Daily average			Daily 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
	Monthly maximum	191.0	Daily average										181	189	191	163	162	163	163	162	162	157	160	189	191	186	187	189	176	157			186	179
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed..... Date.....1/11/16.....

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Waste Disposal Licence No: WDL/06/2003/V4

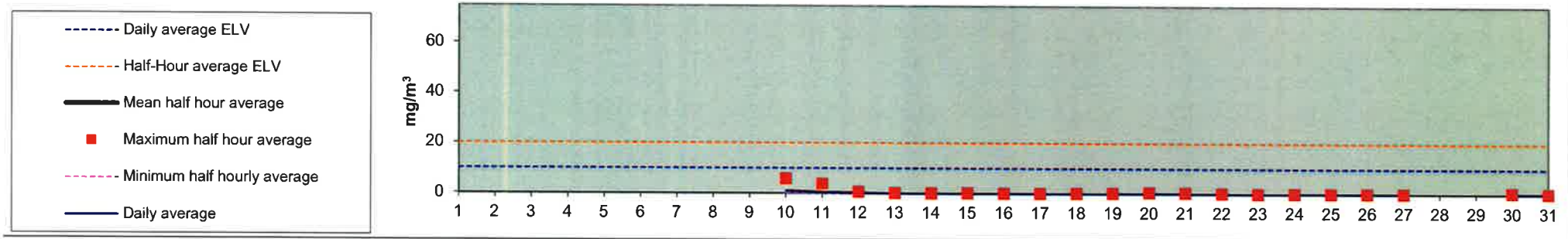
Operator: SITA Waste (Isle of Man) Limited

Installation:Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Volatile Organic Compounds (VOC)

Reporting of Continuously Monitored Emissions to Air from release point A1 for VOC for the month of October 2016

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	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
Half-hourly average	Monthly maximum	5.7	Maximum half hour average										5.7	3.6	0.6	0.1	0.0	0.1	0.0	0.0	0.1	0.2	0.4	0.3	0.2	0.0	0.1	0.1	0.1	0.1			0.6	0.3
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum half hourly average										0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.2	0.1
	Total invalid results	0	No. of invalid results																															
	Sum of exceedances	0	No. of exceedances of ELV																															
			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	1.1	Daily average										1.1	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.1			0.3	0.2
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed..... Date.....1/11/16.....
(authorised to sign as representative of SITA Isle of Man Limited)

Waste Disposal Licence No: WDL/06/2003/V4

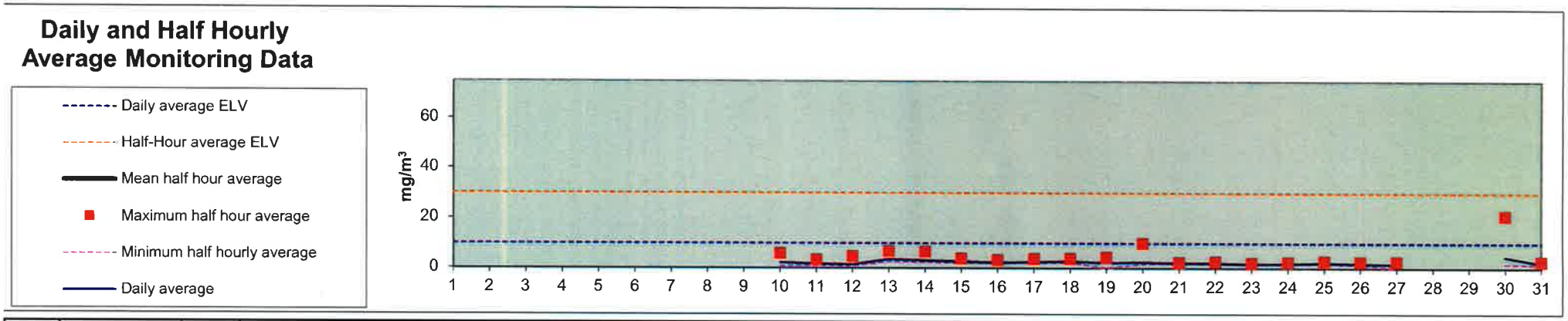
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Particulates

Reporting of Continuously Monitored Emissions to Air from release point A1 for Particulates for the month of October 2016

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	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
Half-hourly average	Monthly maximum	21.0	Maximum half hour average										5.7	3.2	4.5	6.6	6.4	3.7	3.2	3.6	3.7	4.2	9.9	2.3	2.6	2.1	2.4	2.8	2.5	2.6			21.0	2.7
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum half hourly average										0.7	0.9	0.8	2.5	2.3	2.0	2.0	2.1	2.2	0.0	1.7	1.9	1.7	1.6	1.7	1.9	1.3	0.0			1.8	1.4
	Total invalid results	0	No. of invalid results																															
	Sum of exceedances	0	No. of exceedances of ELV																															
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	10
	Monthly maximum	4.7	Daily average										2.3	1.8	1.5	3.6	3.2	2.8	2.4	2.6	2.9	2.3	2.6	2.1	2.1	1.9	2.0	2.3	2.0	1.7			4.7	2.1
	No. of invalid days	0	Value valid?										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y
	Sum of exceedances	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

Signed..... Date..1/11/16.....
(authorised to sign as representative of SITA Isle of Man Limited)

Waste Disposal Licence No:WDL/06/2003/V4

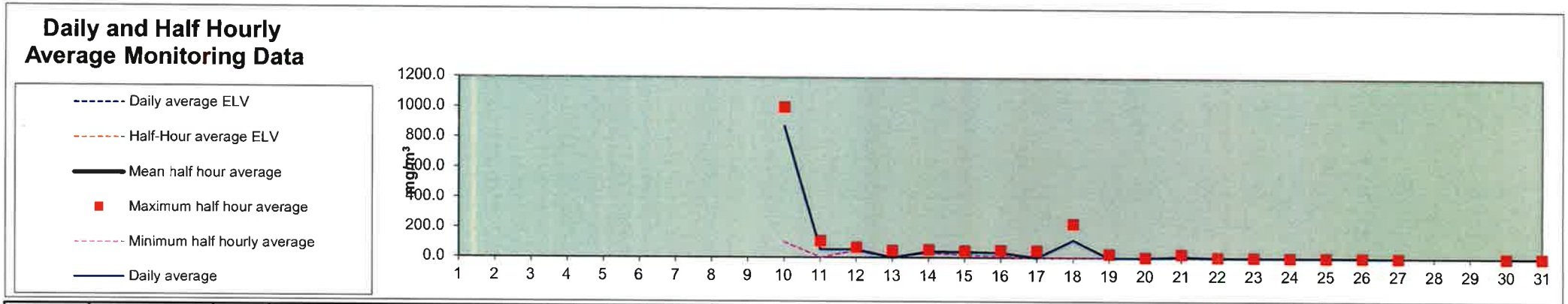
Operator: SITA Waste (Isle of Man) Limited

Installation: Isle of Man Energy from Waste Plant

Form Reference Number: S3/A/1 Ammonia

Reporting of Continuously Monitored Emissions to Air from release point A1 for Ammonia for the month of October 2016

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	1000.0	Maximum half hour average										1000.0	110.7	68.8	48.0	52.6	46.4	48.3	48.0	227.3	24.8	4.0	26.0	4.1	3.4	2.3	2.3	1.6	0.3			0.3	0.5
	Monthly mean		Mean half hour average																															
	Monthly minimum	0.0	Minimum half hourly average										100.5	0.6	46.1	0.0	32.9	15.8	9.4	0.0	0.0	0.0	0.0	3.0	2.0	1.7	1.7	1.4	0.2	0.0			0.1	0.0
	Total invalid results	1	No. of invalid results											1.0																			
	Sum of exceedances	0	No. of exceedances of ELV																															
			Daily average ELV																															
Daily average	Monthly maximum	878.7	Daily average										878.7	57.4	55.7	1.7	42.5	39.2	34.9	1.7	119.2	0.5	1.3	9.3	3.0	2.3	2.7	1.8	0.9	0.0			0.2	0.2
	No. of invalid days	0.0	Value valid?																															
	Sum of exceedances	0	Value exceeds ELV (Y/N)																															

Signed..... Date..... 1/11/16.....
(authorised to sign as representative of SITA Isle of Man Limited)