

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP2M	09-May-03	10:25	0.0	7.9	3.1	25.7		Shuen Wan Landfill	sunny
GMP2M	05-Jun-03	10:16	0.0	11.4	4.7	32.3		Shuen Wan Landfill	sunny
GMP2M	04-Jul-03	10:25	0.0	0.1	19.9	33.1		Shuen Wan Landfill	sunny
GMP2M	18-Aug-03	10:25	0.0	0.1	19.9	29.0		Shuen Wan Landfill	sunny
GMP2M	19-Sep-03	10:42	0.1	0.2	20.2	31.0		Shuen Wan Landfill	sunny
GMP2M	09-Oct-03	10:30	0.0	0.2	19.4	32.0		Shuen Wan Landfill	sunny
GMP2M	14-Nov-03	10:31	0.0	0.1	20.1	23.0		Shuen Wan Landfill	sunny
GMP2M	12-Dec-03	10:01	0.0	0.2	19.8	21.0		Shuen Wan Landfill	cloudy
GMP2S	09-May-03	10:24	1.8	7.6	0.3	25.8		Shuen Wan Landfill	sunny
GMP2S	05-Jun-03	10:15	9.2	6.6	0.1	32.6		Shuen Wan Landfill	sunny
GMP2S	04-Jul-03	10:24	0.0	0.0	20.0	33.4		Shuen Wan Landfill	sunny
GMP2S	18-Aug-03	10:26	0.0	0.0	20.3	30.0		Shuen Wan Landfill	sunny
GMP2S	19-Sep-03	10:41	0.0	0.1	20.2	31.0		Shuen Wan Landfill	sunny
GMP2S	09-Oct-03	10:29	0.0	0.0	20.0	32.0		Shuen Wan Landfill	sunny
GMP2S	14-Nov-03	10:30	0.1	0.4	19.7	23.0		Shuen Wan Landfill	sunny
GMP2S	12-Dec-03	10:00	0.0	0.5	19.3	21.0		Shuen Wan Landfill	cloudy
GMP3aM	09-May-03	10:32	0.0	8.8	2.3	25.7		Shuen Wan Landfill	sunny
GMP3aM	05-Jun-03	10:24	0.0	16.5	1.7	31.2		Shuen Wan Landfill	sunny
GMP3aM	04-Jul-03	10:30	0.0	10.0	5.9	30.9		Shuen Wan Landfill	sunny
GMP3aM	18-Aug-03	10:30	0.0	0.0	20.2	30.0		Shuen Wan Landfill	sunny
GMP3aM	19-Sep-03	10:46	0.0	0.0	20.0	30.0		Shuen Wan Landfill	sunny
GMP3aM	09-Oct-03	10:38	0.0	0.0	19.9	32.0		Shuen Wan Landfill	sunny
GMP3aM	14-Nov-03	10:41	0.0	0.5	19.4	23.0		Shuen Wan Landfill	sunny
GMP3aM	12-Dec-03	10:08	0.0	0.4	19.6	23.0		Shuen Wan Landfill	cloudy
GMP3aS	09-May-03	10:31	0.0	0.0	19.9	25.8		Shuen Wan Landfill	sunny
GMP3aS	05-Jun-03	10:23	0.0	2.5	16.0	30.9		Shuen Wan Landfill	sunny
GMP3aS	04-Jul-03	10:29	0.0	0.0	20.3	30.7		Shuen Wan Landfill	sunny
GMP3aS	18-Aug-03	10:32	0.0	0.0	19.9	30.0		Shuen Wan Landfill	sunny
GMP3aS	19-Sep-03	10:47	0.0	0.1	19.9	31.0		Shuen Wan Landfill	sunny
GMP3aS	09-Oct-03	10:37	0.0	0.0	20.0	32.0		Shuen Wan Landfill	sunny
GMP3aS	14-Nov-03	10:40	0.0	0.2	20.1	23.0		Shuen Wan Landfill	sunny
GMP3aS	12-Dec-03	10:07	0.0	0.2	19.9	23.0		Shuen Wan Landfill	cloudy
GMP3M	09-May-03	10:29	0.0	4.8	11.8	26.6		Shuen Wan Landfill	sunny
GMP3M	05-Jun-03	10:20	0.0	0.4	19.1	35.0		Shuen Wan Landfill	sunny
GMP3M	04-Jul-03	10:28	0.0	0.0	20.2	34.9		Shuen Wan Landfill	sunny
GMP3M	18-Aug-03	10:28	0.0	0.3	14.7	30.0		Shuen Wan Landfill	sunny
GMP3M	19-Sep-03	10:39	0.1	0.4	19.8	33.0		Shuen Wan Landfill	sunny
GMP3M	09-Oct-03	10:34	0.0	0.8	17.6	33.0		Shuen Wan Landfill	sunny
GMP3M	14-Nov-03	10:34	0.1	1.4	19.0	22.0		Shuen Wan Landfill	sunny
GMP3M	12-Dec-03	10:05	0.0	1.8	18.7	22.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP3S	09-May-03	10:28	16.2	7.7	0.4	26.7		Shuen Wan Landfill	sunny
GMP3S	05-Jun-03	10:19	21.4	7.5	0.2	35.0		Shuen Wan Landfill	sunny
GMP3S	04-Jul-03	10:27	0.0	0.2	19.8	35.2		Shuen Wan Landfill	sunny
GMP3S	18-Aug-03	10:29	0.0	0.0	20.3	30.0		Shuen Wan Landfill	sunny
GMP3S	19-Sep-03	10:38	0.0	0.4	19.4	33.0		Shuen Wan Landfill	sunny
GMP3S	09-Oct-03	10:33	0.0	0.3	19.2	33.0		Shuen Wan Landfill	sunny
GMP3S	14-Nov-03	10:32	0.0	0.4	19.8	22.0		Shuen Wan Landfill	sunny
GMP3S	12-Dec-03	10:04	0.0	0.3	19.7	21.0		Shuen Wan Landfill	cloudy
GMP4M	09-May-03	10:35	0.0	8.3	9.9	25.7		Shuen Wan Landfill	sunny
GMP4M	05-Jun-03	10:28	0.0	7.3	11.9	36.6		Shuen Wan Landfill	sunny
GMP4M	04-Jul-03	10:31	0.0	0.0	19.4	34.7		Shuen Wan Landfill	sunny
GMP4M	18-Aug-03	10:33	0.0	0.1	19.9	29.0		Shuen Wan Landfill	sunny
GMP4M	19-Sep-03	10:50	0.0	0.0	19.9	31.0		Shuen Wan Landfill	sunny
GMP4M	09-Oct-03	10:42	0.0	0.0	20.0	34.0		Shuen Wan Landfill	sunny
GMP4M	14-Nov-03	10:43	0.0	12.3	11.2	24.0		Shuen Wan Landfill	sunny
GMP4M	12-Dec-03	10:11	0.0	12.6	11.0	23.0		Shuen Wan Landfill	cloudy
GMP4S	09-May-03	10:34	0.0	2.7	15.2	25.8		Shuen Wan Landfill	sunny
GMP4S	05-Jun-03	10:27	0.0	2.8	14.7	36.6		Shuen Wan Landfill	sunny
GMP4S	04-Jul-03	10:30	0.0	0.3	19.5	34.6		Shuen Wan Landfill	sunny
GMP4S	18-Aug-03	10:34	0.0	0.3	19.6	29.0		Shuen Wan Landfill	sunny
GMP4S	19-Sep-03	10:49	0.0	0.1	19.8	30.0		Shuen Wan Landfill	sunny
GMP4S	09-Oct-03	10:41	0.0	0.6	18.1	33.0		Shuen Wan Landfill	sunny
GMP4S	14-Nov-03	10:42	0.0	0.2	20.1	24.0		Shuen Wan Landfill	sunny
GMP4S	12-Dec-03	10:10	0.0	0.2	19.9	23.0		Shuen Wan Landfill	cloudy
GMP5M	09-May-03	10:38	0.0	8.2	1.7	27.0		Shuen Wan Landfill	sunny
GMP5M	05-Jun-03	10:32	0.0	8.5	10.6	46.2		Shuen Wan Landfill	sunny
GMP5M	04-Jul-03	10:35	0.0	9.0	12.5	44.4		Shuen Wan Landfill	sunny
GMP5M	18-Aug-03	10:36	0.0	8.7	13.0	30.0		Shuen Wan Landfill	sunny
GMP5M	19-Sep-03	10:53	0.0	5.0	11.6	39.0		Shuen Wan Landfill	sunny
GMP5M	09-Oct-03	10:45	0.0	3.2	13.6	37.0		Shuen Wan Landfill	sunny
GMP5M	14-Nov-03	10:46	0.0	2.5	16.5	27.0		Shuen Wan Landfill	sunny
GMP5M	12-Dec-03	10:14	0.0	2.3	14.3	23.0		Shuen Wan Landfill	cloudy
GMP5S	09-May-03	10:37	5.3	23.7	0.2	27.2		Shuen Wan Landfill	sunny
GMP5S	05-Jun-03	10:31	2.2	19.4	0.2	46.6		Shuen Wan Landfill	sunny
GMP5S	04-Jul-03	10:34	0.0	0.2	19.9	45.6		Shuen Wan Landfill	sunny
GMP5S	18-Aug-03	10:37	0.0	0.3	19.6	29.0		Shuen Wan Landfill	sunny
GMP5S	19-Sep-03	10:52	0.0	0.3	19.8	40.0		Shuen Wan Landfill	sunny
GMP5S	09-Oct-03	10:44	0.0	0.2	19.5	37.0		Shuen Wan Landfill	sunny
GMP5S	14-Nov-03	10:45	0.0	2.5	18.5	25.0		Shuen Wan Landfill	sunny
GMP5S	12-Dec-03	10:13	0.0	2.0	18.0	23.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP6M	09-May-03	10:41	0.0	5.0	9.3	29.1		Shuen Wan Landfill	sunny
GMP6M	05-Jun-03	10:36	0.0	6.6	12.5	41.4		Shuen Wan Landfill	sunny
GMP6M	04-Jul-03	10:42	0.1	5.6	15.1	33.2		Shuen Wan Landfill	sunny
GMP6M	18-Aug-03	10:40	0.0	4.9	15.0	29.0		Shuen Wan Landfill	sunny
GMP6M	19-Sep-03	10:56	0.0	7.0	12.3	39.0		Shuen Wan Landfill	sunny
GMP6M	09-Oct-03	10:48	0.0	0.0	10.3	38.0		Shuen Wan Landfill	sunny
GMP6M	14-Nov-03	10:48	0.0	9.3	12.2	29.0		Shuen Wan Landfill	sunny
GMP6M	12-Dec-03	10:16	0.0	9.0	12.0	23.0		Shuen Wan Landfill	cloudy
GMP6S	09-May-03	10:40	0.1	10.4	5.4	29.2		Shuen Wan Landfill	sunny
GMP6S	05-Jun-03	10:35	0.0	7.7	9.1	41.3		Shuen Wan Landfill	sunny
GMP6S	04-Jul-03	10:41	0.1	0.8	18.2	33.0		Shuen Wan Landfill	sunny
GMP6S	18-Aug-03	10:41	0.0	0.7	18.4	29.0		Shuen Wan Landfill	sunny
GMP6S	19-Sep-03	10:15	0.0	0.2	19.7	37.0		Shuen Wan Landfill	sunny
GMP6S	09-Oct-03	10:47	0.0	0.3	19.6	38.0		Shuen Wan Landfill	sunny
GMP6S	14-Nov-03	10:47	0.0	0.2	20.2	29.0		Shuen Wan Landfill	sunny
GMP6S	12-Dec-03	10:15	0.0	0.3	19.7	23.0		Shuen Wan Landfill	cloudy
GMP7M	09-May-03	10:45	0.0	3.9	13.8	27.8		Shuen Wan Landfill	sunny
GMP7M	05-Jun-03	10:40	0.0	4.7	15.1	37.8		Shuen Wan Landfill	sunny
GMP7M	04-Jul-03	10:47	0.0	4.4	16.7	37.5		Shuen Wan Landfill	sunny
GMP7M	18-Aug-03	10:42	0.0	4.8	16.0	29.0		Shuen Wan Landfill	sunny
GMP7M	19-Sep-03	11:00	0.0	4.8	14.5	36.0		Shuen Wan Landfill	sunny
GMP7M	09-Oct-03	10:52	0.0	4.2	12.5	36.0		Shuen Wan Landfill	sunny
GMP7M	14-Nov-03	10:51	0.0	3.9	16.5	25.0		Shuen Wan Landfill	sunny
GMP7M	12-Dec-03	10:20	0.0	4.1	16.0	23.0		Shuen Wan Landfill	cloudy
GMP7S	09-May-03	10:44	0.0	0.3	19.8	27.9		Shuen Wan Landfill	sunny
GMP7S	05-Jun-03	10:39	0.0	7.8	3.9	37.5		Shuen Wan Landfill	sunny
GMP7S	04-Jul-03	10:45	0.0	0.8	19.2	37.5		Shuen Wan Landfill	sunny
GMP7S	18-Aug-03	10:43	0.0	0.7	18.2	30.0		Shuen Wan Landfill	sunny
GMP7S	19-Sep-03	10:59	0.0	0.0	19.8	33.0		Shuen Wan Landfill	sunny
GMP7S	09-Oct-03	10:51	0.0	0.1	19.8	36.0		Shuen Wan Landfill	sunny
GMP7S	14-Nov-03	10:50	0.0	0.1	20.1	25.0		Shuen Wan Landfill	sunny
GMP7S	12-Dec-03	10:18	0.0	0.0	20.0	23.0		Shuen Wan Landfill	cloudy
GMP8M	09-May-03	10:48	0.0	2.0	16.1	27.8		Shuen Wan Landfill	sunny
GMP8M	05-Jun-03	10:43	0.0	3.4	15.0	35.7		Shuen Wan Landfill	sunny
GMP8M	04-Jul-03	10:51	0.0	0.0	19.5	35.6		Shuen Wan Landfill	sunny
GMP8M	18-Aug-03	10:45	0.0	0.0	19.9	29.0		Shuen Wan Landfill	sunny
GMP8M	19-Sep-03	11:04	0.0	2.2	16.8	38.0		Shuen Wan Landfill	sunny
GMP8M	09-Oct-03	10:55	0.0	1.7	17.3	38.0		Shuen Wan Landfill	sunny
GMP8M	14-Nov-03	10:56	0.0	0.2	19.8	26.0		Shuen Wan Landfill	sunny
GMP8M	12-Dec-03	10:21	0.0	0.3	19.7	23.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP8S	09-May-03	10:47	0.0	0.0	19.9	27.7		Shuen Wan Landfill	sunny
GMP8S	05-Jun-03	10:42	0.0	0.0	19.9	36.6		Shuen Wan Landfill	sunny
GMP8S	04-Jul-03	10:50	0.1	0.6	19.2	35.7		Shuen Wan Landfill	sunny
GMP8S	18-Aug-03	10:46	0.0	0.4	19.6	29.0		Shuen Wan Landfill	sunny
GMP8S	19-Sep-03	11:02	0.0	0.1	19.7	39.0		Shuen Wan Landfill	sunny
GMP8S	09-Oct-03	10:54	0.0	0.0	19.9	39.0		Shuen Wan Landfill	sunny
GMP8S	14-Nov-03	10:55	0.0	0.0	20.2	27.0		Shuen Wan Landfill	sunny
GMP8S	12-Dec-03	10:20	0.0	0.0	20.1	23.0		Shuen Wan Landfill	cloudy
GMP9M	09-May-03	10:51	0.0	1.7	15.0	27.6		Shuen Wan Landfill	sunny
GMP9M	05-Jun-03	10:47	0.0	5.3	14.8	36.3		Shuen Wan Landfill	sunny
GMP9M	04-Jul-03	16:54	0.0	4.6	15.4	37.8		Shuen Wan Landfill	sunny
GMP9M	18-Aug-03	10:48	0.0	3.8	16.4	29.0		Shuen Wan Landfill	sunny
GMP9M	19-Sep-03	11:08	0.0	0.2	19.3	32.0		Shuen Wan Landfill	sunny
GMP9M	09-Oct-03	11:00	0.0	0.4	19.0	33.0		Shuen Wan Landfill	sunny
GMP9M	14-Nov-03	11:01	0.0	2.0	18.1	23.0		Shuen Wan Landfill	sunny
GMP9M	12-Dec-03	10:24	0.0	2.3	18.2	21.0		Shuen Wan Landfill	cloudy
GMP9S	09-May-03	10:50	0.0	0.0	20.0	27.6		Shuen Wan Landfill	sunny
GMP9S	05-Jun-03	10:46	0.0	1.4	17.5	36.8		Shuen Wan Landfill	sunny
GMP9S	04-Jul-03	16:53	0.0	0.2	19.2	38.8		Shuen Wan Landfill	sunny
GMP9S	18-Aug-03	10:49	0.0	0.3	19.7	30.0		Shuen Wan Landfill	sunny
GMP9S	19-Sep-03	11:06	0.0	0.0	19.8	30.0		Shuen Wan Landfill	sunny
GMP9S	09-Oct-03	10:59	0.0	0.1	19.6	32.0		Shuen Wan Landfill	sunny
GMP9S	14-Nov-03	11:00	0.0	2.0	18.1	23.0		Shuen Wan Landfill	sunny
GMP9S	12-Dec-03	10:23	0.0	0.0	20.3	21.0		Shuen Wan Landfill	cloudy
GMP10M	09-May-03	10:59	0.0	0.5	19.2	27.3		Shuen Wan Landfill	sunny
GMP10M	05-Jun-03	10:53	0.0	0.4	19.6	38.4		Shuen Wan Landfill	sunny
GMP10M	04-Jul-03	11:04	0.0	0.0	19.7	33.5		Shuen Wan Landfill	sunny
GMP10M	18-Aug-03	10:54	0.0	0.0	20.0	30.0		Shuen Wan Landfill	sunny
GMP10M	19-Sep-03	11:19	0.0	0.0	18.8	36.0		Shuen Wan Landfill	sunny
GMP10M	09-Oct-03	11:07	0.0	0.0	19.4	35.0		Shuen Wan Landfill	sunny
GMP10M	14-Nov-03	11:06	0.0	0.3	19.7	24.0		Shuen Wan Landfill	sunny
GMP10M	12-Dec-03	10:27	0.0	0.4	19.6	21.0		Shuen Wan Landfill	cloudy
GMP10S	09-May-03	10:58	0.0	0.8	18.6	27.4		Shuen Wan Landfill	sunny
GMP10S	05-Jun-03	10:52	0.0	0.8	19.2	38.2		Shuen Wan Landfill	sunny
GMP10S	04-Jul-03	11:03	0.0	0.5	19.2	33.4		Shuen Wan Landfill	sunny
GMP10S	18-Aug-03	10:55	0.0	0.3	19.7	30.0		Shuen Wan Landfill	sunny
GMP10S	19-Sep-03	11:17	0.0	0.0	19.5	36.0		Shuen Wan Landfill	sunny
GMP10S	09-Oct-03	11:06	0.0	0.0	19.7	36.0		Shuen Wan Landfill	sunny
GMP10S	14-Nov-03	11:05	0.0	0.0	20.1	24.0		Shuen Wan Landfill	sunny
GMP10S	12-Dec-03	10:26	0.0	0.0	20.4	21.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP11M	09-May-03	11:05	0.0	0.0	20.2	27.2		Shuen Wan Landfill	sunny
GMP11M	05-Jun-03	10:58	0.0	0.0	20.0	33.9		Shuen Wan Landfill	sunny
GMP11M	04-Jul-03	11:07	0.0	0.0	19.8	43.5		Shuen Wan Landfill	sunny
GMP11M	18-Aug-03	10:58	0.0	0.0	20.0	29.0		Shuen Wan Landfill	sunny
GMP11M	19-Sep-03	11:15	0.0	0.0	19.8	37.0		Shuen Wan Landfill	sunny
GMP11M	09-Oct-03	11:11	0.0	0.0	19.8	38.0		Shuen Wan Landfill	sunny
GMP11M	14-Nov-03	11:09	0.0	0.0	20.2	24.0		Shuen Wan Landfill	sunny
GMP11M	12-Dec-03	10:30	0.0	0.0	20.3	22.0		Shuen Wan Landfill	cloudy
GMP11S	09-May-03	11:04	0.0	0.0	20.1	27.3		Shuen Wan Landfill	sunny
GMP11S	05-Jun-03	10:57	0.0	0.0	20.0	33.7		Shuen Wan Landfill	sunny
GMP11S	04-Jul-03	11:06	0.0	0.0	19.7	43.5		Shuen Wan Landfill	sunny
GMP11S	18-Aug-03	10:59	0.0	0.0	20.0	30.0		Shuen Wan Landfill	sunny
GMP11S	19-Sep-03	11:13	0.0	0.0	19.6	37.0		Shuen Wan Landfill	sunny
GMP11S	09-Oct-03	11:10	0.0	0.1	19.7	38.0		Shuen Wan Landfill	sunny
GMP11S	14-Nov-03	11:08	0.0	0.0	20.0	23.0		Shuen Wan Landfill	sunny
GMP11S	12-Dec-03	10:28	0.0	0.0	20.2	22.0		Shuen Wan Landfill	cloudy
GMP12M	09-May-03	11:08	0.0	2.5	14.6	27.4		Shuen Wan Landfill	sunny
GMP12M	05-Jun-03	11:01	0.0	4.2	16.0	34.8		Shuen Wan Landfill	sunny
GMP12M	04-Jul-03	11:12	0.0	3.3	14.7	34.2		Shuen Wan Landfill	sunny
GMP12M	18-Aug-03	11:04	0.0	4.0	15.9	30.0		Shuen Wan Landfill	sunny
GMP12M	19-Sep-03	11:21	0.0	0.0	20.0	37.0		Shuen Wan Landfill	sunny
GMP12M	09-Oct-03	11:14	0.0	0.0	20.0	37.0		Shuen Wan Landfill	sunny
GMP12M	14-Nov-03	11:11	0.0	0.0	20.1	25.0		Shuen Wan Landfill	sunny
GMP12M	12-Dec-03	10:33	0.0	0.0	20.1	22.0		Shuen Wan Landfill	cloudy
GMP12S	09-May-03	11:07	0.0	1.8	17.8	27.9		Shuen Wan Landfill	sunny
GMP12S	05-Jun-03	11:00	0.0	1.5	17.3	35.2		Shuen Wan Landfill	sunny
GMP12S	04-Jul-03	11:11	0.0	0.0	19.6	34.3		Shuen Wan Landfill	sunny
GMP12S	18-Aug-03	11:05	0.0	0.3	19.6	30.0		Shuen Wan Landfill	sunny
GMP12S	19-Sep-03	11:20	0.0	0.0	19.8	36.0		Shuen Wan Landfill	sunny
GMP12S	09-Oct-03	11:13	0.0	0.0	19.9	38.0		Shuen Wan Landfill	sunny
GMP12S	14-Nov-03	11:10	0.0	0.2	20.0	25.0		Shuen Wan Landfill	sunny
GMP12S	12-Dec-03	10:32	0.0	0.0	20.3	22.0		Shuen Wan Landfill	cloudy
GMP13D	09-May-03	11:13	0.0	0.5	18.9	27.5		Shuen Wan Landfill	sunny
GMP13D	05-Jun-03	11:06	0.0	0.6	19.1	33.3		Shuen Wan Landfill	sunny
GMP13D	04-Jul-03	11:15	0.0	0.0	19.7	33.6		Shuen Wan Landfill	sunny
GMP13D	18-Aug-03	11:10	0.0	0.0	19.9	30.0		Shuen Wan Landfill	sunny
GMP13D	19-Sep-03	11:24	0.0	0.0	19.8	35.0		Shuen Wan Landfill	sunny
GMP13D	09-Oct-03	11:18	0.0	0.3	19.3	35.0		Shuen Wan Landfill	sunny
GMP13D	14-Nov-03	11:16	0.0	1.8	17.5	27.0		Shuen Wan Landfill	sunny
GMP13D	12-Dec-03	10:36	0.0	1.4	18.7	23.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP13M	09-May-03	11:12	0.0	0.5	19.1	27.7		Shuen Wan Landfill	sunny
GMP13M	05-Jun-03	11:05	0.0	0.8	18.7	38.6		Shuen Wan Landfill	sunny
GMP13M	04-Jul-03	11:14	0.0	0.0	19.5	33.7		Shuen Wan Landfill	sunny
GMP13M	18-Aug-03	11:12	0.0	0.0	20.1	30.0		Shuen Wan Landfill	sunny
GMP13M	19-Sep-03	11:23	0.0	0.0	20.0	35.0		Shuen Wan Landfill	sunny
GMP13M	09-Oct-03	11:17	0.0	0.0	19.6	35.0		Shuen Wan Landfill	sunny
GMP13M	14-Nov-03	11:15	0.0	0.0	20.1	27.0		Shuen Wan Landfill	sunny
GMP13M	12-Dec-03	10:35	0.0	0.0	20.0	23.0		Shuen Wan Landfill	cloudy
GMP13S	09-May-03	11:11	0.0	0.0	19.9	27.6		Shuen Wan Landfill	sunny
GMP13S	05-Jun-03	11:04	0.0	0.4	19.4	33.7		Shuen Wan Landfill	sunny
GMP13S	04-Jul-03	11:18	0.0	0.3	18.8	33.9		Shuen Wan Landfill	sunny
GMP13S	18-Aug-03	11:14	0.0	0.2	19.8	30.0		Shuen Wan Landfill	sunny
GMP13S	19-Sep-03	11:22	0.0	0.0	19.7	33.0		Shuen Wan Landfill	sunny
GMP13S	09-Oct-03	11:16	0.0	0.0	20.1	34.0		Shuen Wan Landfill	sunny
GMP13S	14-Nov-03	11:14	0.0	0.5	19.4	27.0		Shuen Wan Landfill	sunny
GMP13S	12-Dec-03	10:34	0.0	0.4	19.6	22.0		Shuen Wan Landfill	cloudy
GMP14D	09-May-03	11:17	0.0	4.9	9.1	27.7		Shuen Wan Landfill	sunny
GMP14D	05-Jun-03	11:09	0.0	6.9	11.3	34.2		Shuen Wan Landfill	sunny
GMP14D	04-Jul-03	11:16	0.0	4.1	14.0	34.5		Shuen Wan Landfill	sunny
GMP14D	18-Aug-03	11:17	0.0	5.2	13.8	30.0		Shuen Wan Landfill	sunny
GMP14D	19-Sep-03	11:28	0.0	0.1	19.3	35.0		Shuen Wan Landfill	sunny
GMP14D	09-Oct-03	11:22	0.0	0.0	19.9	36.0		Shuen Wan Landfill	sunny
GMP14D	14-Nov-03	11:19	0.0	0.0	20.2	27.0		Shuen Wan Landfill	sunny
GMP14D	12-Dec-03	10:40	0.0	0.0	20.4	23.0		Shuen Wan Landfill	cloudy
GMP14M	09-May-03	11:16	0.0	6.4	6.2	27.8		Shuen Wan Landfill	sunny
GMP14M	05-Jun-03	11:08	0.0	8.4	5.7	33.7		Shuen Wan Landfill	sunny
GMP14M	04-Jul-03	11:21	0.0	8.1	3.9	34.3		Shuen Wan Landfill	sunny
GMP14M	18-Aug-03	11:18	0.0	7.2	10.2	30.0		Shuen Wan Landfill	sunny
GMP14M	19-Sep-03	11:27	0.0	0.0	19.9	35.0		Shuen Wan Landfill	sunny
GMP14M	09-Oct-03	11:21	0.0	0.0	20.0	35.0		Shuen Wan Landfill	sunny
GMP14M	14-Nov-03	11:18	0.0	0.4	19.3	27.0		Shuen Wan Landfill	sunny
GMP14M	12-Dec-03	10:39	0.0	0.2	19.8	23.0		Shuen Wan Landfill	cloudy
GMP14S	09-May-03	11:15	0.0	0.2	19.9	27.7		Shuen Wan Landfill	sunny
GMP14S	05-Jun-03	11:07	0.0	0.5	19.4	34.3		Shuen Wan Landfill	sunny
GMP14S	04-Jul-03	11:20	0.0	0.0	19.7	34.6		Shuen Wan Landfill	sunny
GMP14S	18-Aug-03	11:19	0.0	0.0	20.1	30.0		Shuen Wan Landfill	sunny
GMP14S	19-Sep-03	11:26	0.0	0.0	19.8	34.0		Shuen Wan Landfill	sunny
GMP14S	09-Oct-03	11:20	0.0	0.0	20.0	36.0		Shuen Wan Landfill	sunny
GMP14S	14-Nov-03	11:17	0.0	0.0	20.4	27.0		Shuen Wan Landfill	sunny
GMP14S	12-Dec-03	10:38	0.0	0.0	20.1	23.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
GMP15D	09-May-03	11:22	0.0	0.0	20.3	27.8		Shuen Wan Landfill	sunny
GMP15D	05-Jun-03	11:15	0.0	0.0	20.1	37.7		Shuen Wan Landfill	sunny
GMP15D	04-Jul-03	11:27	0.0	0.0	19.8	40.0		Shuen Wan Landfill	sunny
GMP15D	18-Aug-03	11:23	0.0	0.0	20.1	30.0		Shuen Wan Landfill	sunny
GMP15D	19-Sep-03	11:31	0.0	0.0	20.1	32.0		Shuen Wan Landfill	sunny
GMP15D	09-Oct-03	11:26	0.0	0.0	2.0	33.0		Shuen Wan Landfill	sunny
GMP15D	14-Nov-03	11:22	0.0	2.1	17.8	26.0		Shuen Wan Landfill	sunny
GMP15D	12-Dec-03	10:43	0.0	3.1	16.9	23.0		Shuen Wan Landfill	cloudy
GMP15M	09-May-03	11:21	0.0	0.0	20.3	27.8		Shuen Wan Landfill	sunny
GMP15M	05-Jun-03	11:14	0.0	0.0	20.0	37.1		Shuen Wan Landfill	sunny
GMP15M	04-Jul-03	11:26	0.0	0.0	19.8	39.8		Shuen Wan Landfill	sunny
GMP15M	18-Aug-03	11:24	0.0	0.4	19.6	30.0		Shuen Wan Landfill	sunny
GMP15M	19-Sep-03	11:30	0.0	0.0	20.0	32.0		Shuen Wan Landfill	sunny
GMP15M	09-Oct-03	11:25	0.0	0.0	19.9	33.0		Shuen Wan Landfill	sunny
GMP15M	14-Nov-03	11:21	0.0	0.0	20.3	26.0		Shuen Wan Landfill	sunny
GMP15M	12-Dec-03	10:42	0.0	0.0	20.2	23.0		Shuen Wan Landfill	cloudy
GMP15S	09-May-03	11:20	0.0	0.0	20.3	27.9		Shuen Wan Landfill	sunny
GMP15S	05-Jun-03	11:13	0.0	0.0	20.1	37.8		Shuen Wan Landfill	sunny
GMP15S	04-Jul-03	11:25	0.0	0.3	18.9	40.1		Shuen Wan Landfill	sunny
GMP15S	18-Aug-03	11:25	0.0	0.0	20.1	30.0		Shuen Wan Landfill	sunny
GMP15S	19-Sep-03	11:29	0.0	0.0	20.0	32.0		Shuen Wan Landfill	sunny
GMP15S	09-Oct-03	11:24	0.0	0.0	20.0	32.0		Shuen Wan Landfill	sunny
GMP15S	14-Nov-03	11:20	0.0	0.0	20.3	26.0		Shuen Wan Landfill	sunny
GMP15S	12-Dec-03	10:41	0.0	0.0	20.3	23.0		Shuen Wan Landfill	cloudy
GMP16M	09-May-03	11:25	0.0	0.3	19.4	29.1		Shuen Wan Landfill	sunny
GMP16M	05-Jun-03	11:17	0.0	0.4	19.1	38.4		Shuen Wan Landfill	sunny
GMP16M	04-Jul-03	11:29	0.1	0.6	19.3	36.7		Shuen Wan Landfill	sunny
GMP16M	18-Aug-03	11:28	0.0	1.3	18.8	31.0		Shuen Wan Landfill	sunny
GMP16M	19-Sep-03	11:33	0.0	0.0	20.1	39.0		Shuen Wan Landfill	sunny
GMP16M	09-Oct-03	11:30	0.0	0.0	19.9	38.0		Shuen Wan Landfill	sunny
GMP16M	14-Nov-03	11:25	0.0	0.7	19.6	28.0		Shuen Wan Landfill	sunny
GMP16M	12-Dec-03	10:45	0.0	0.4	19.6	23.0		Shuen Wan Landfill	cloudy
GMP16S	09-May-03	11:24	0.0	0.4	19.1	29.4		Shuen Wan Landfill	sunny
GMP16S	05-Jun-03	11:16	0.0	0.7	18.3	39.5		Shuen Wan Landfill	sunny
GMP16S	04-Jul-03	11:27	0.0	1.1	18.1	41.2		Shuen Wan Landfill	sunny
GMP16S	18-Aug-03	11:29	0.0	0.2	19.8	31.0		Shuen Wan Landfill	sunny
GMP16S	19-Sep-03	11:32	0.0	0.0	20.0	41.0		Shuen Wan Landfill	sunny
GMP16S	09-Oct-03	11:29	0.0	0.0	20.0	39.0		Shuen Wan Landfill	sunny
GMP16S	14-Nov-03	11:24	0.0	0.6	19.4	29.0		Shuen Wan Landfill	sunny
GMP16S	12-Dec-03	10:44	0.0	0.5	19.5	23.0		Shuen Wan Landfill	cloudy

## Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
P4	26-May-03	10:25	0.0	1.3	18.4	29.6		Shuen Wan Landfill	sunny
P4	19-Jun-03	14:59	0.0	1.8	17.5	34.6		Shuen Wan Landfill	sunny
P4	21-Jul-03	10:38	0.0	1.1	18.7	30.6		Shuen Wan Landfill	cloudy
P4	28-Aug-03	15:25	0.0	0.7	18.1	32.6		Shuen Wan Landfill	sunny
P4	25-Sep-03	14:56	0.0	0.5	18.7	31.0		Shuen Wan Landfill	sunny
P4	17-Oct-03	14:48	0.0	0.3	19.7	30.1		Shuen Wan Landfill	sunny
P4	28-Nov-03	14:41	0.0	1.0	18.9	28.1		Shuen Wan Landfill	sunny
P4	19-Dec-03	15:11	0.0	0.0	20.3	17.7		Shuen Wan Landfill	sunny
P5	26-May-03	10:28	0.0	0.0	20.1	30.2		Shuen Wan Landfill	sunny
P5	19-Jun-03	14:55	0.0	0.6	19.4	35.1		Shuen Wan Landfill	sunny
P5	21-Jul-03	10:44	0.0	0.0	20.0	31.6		Shuen Wan Landfill	cloudy
P5	28-Aug-03	15:28	0.0	0.0	19.9	33.1		Shuen Wan Landfill	sunny
P5	25-Sep-03	15:00	0.0	0.0	20.0	31.6		Shuen Wan Landfill	sunny
P5	17-Oct-03	14:49	0.0	0.5	19.3	29.9		Shuen Wan Landfill	sunny
P5	28-Nov-03	14:42	0.0	1.2	19.8	28.6		Shuen Wan Landfill	sunny
P5	19-Dec-03	15:16	0.0	0.3	19.6	18.2		Shuen Wan Landfill	sunny
P6	26-May-03	10:30	0.0	0.5	18.4	30.8		Shuen Wan Landfill	sunny
P6	19-Jun-03	14:56	0.0	1.4	19.7	33.5		Shuen Wan Landfill	sunny
P6	21-Jul-03	10:45	0.0	0.1	20.0	31.4		Shuen Wan Landfill	cloudy
P6	28-Aug-03	15:34	0.0	0.0	19.9	32.8		Shuen Wan Landfill	sunny
P6	25-Sep-03	15:04	0.0	0.8	19.3	32.6		Shuen Wan Landfill	sunny
P6	17-Oct-03	14:50	0.0	0.2	19.8	29.8		Shuen Wan Landfill	sunny
P6	28-Nov-03	14:44	0.0	0.0	20.1	28.4		Shuen Wan Landfill	sunny
P6	19-Dec-03	15:18	0.0	0.1	20.3	17.9		Shuen Wan Landfill	sunny
P61M	26-May-03	10:20	0.0	0.9	19.5	28.3		Shuen Wan Landfill	sunny
P61M	19-Jun-03	14:55	0.0	0.9	19.4	38.6		Shuen Wan Landfill	sunny
P61M	21-Jul-03	10:33	0.0	1.6	18.4	30.4		Shuen Wan Landfill	cloudy
P61M	28-Aug-03	15:33	0.0	0.7	19.7	32.6		Shuen Wan Landfill	sunny
P61M	25-Sep-03	14:59	0.0	0.4	20.0	32.0		Shuen Wan Landfill	sunny
P61M	17-Oct-03	14:47	0.0	1.1	19.0	30.2		Shuen Wan Landfill	sunny
P61M	28-Nov-03	14:38	0.0	0.4	19.7	27.9		Shuen Wan Landfill	sunny
P61M	19-Dec-03	15:14	0.0	0.9	19.4	22.7		Shuen Wan Landfill	sunny
P61S	26-May-03	10:21	0.0	3.2	17.5	27.7		Shuen Wan Landfill	sunny
P61S	19-Jun-03	14:54	0.0	0.5	19.7	38.3		Shuen Wan Landfill	sunny
P61S	21-Jul-03	10:32	0.0	0.7	19.1	30.2		Shuen Wan Landfill	cloudy
P61S	28-Aug-03	15:32	0.0	1.0	18.9	32.8		Shuen Wan Landfill	sunny
P61S	25-Sep-03	14:58	0.0	0.7	18.9	32.7		Shuen Wan Landfill	sunny
P61S	17-Oct-03	14:46	0.0	0.3	19.7	29.9		Shuen Wan Landfill	sunny
P61S	28-Nov-03	14:37	0.0	0.3	19.8	27.8		Shuen Wan Landfill	sunny
P61S	19-Dec-03	15:13	0.0	0.6	19.6	22.6		Shuen Wan Landfill	sunny



### Appendix 6.1: Landfill Gas Monitoring Data at Shuen Wan Landfill

sample location	Date of measurement	Sampling time	flammable gas (methane %)	carbon dioxide (%)	oxygen (%)	temp	Remark	Name of site	Weather condition
		Max	21.4	23.7	20.4	46.6			
		Min	0.0	0.0	0.1	17.7			