

FIGURE 1 Location of STF and Existing WENT Landfill

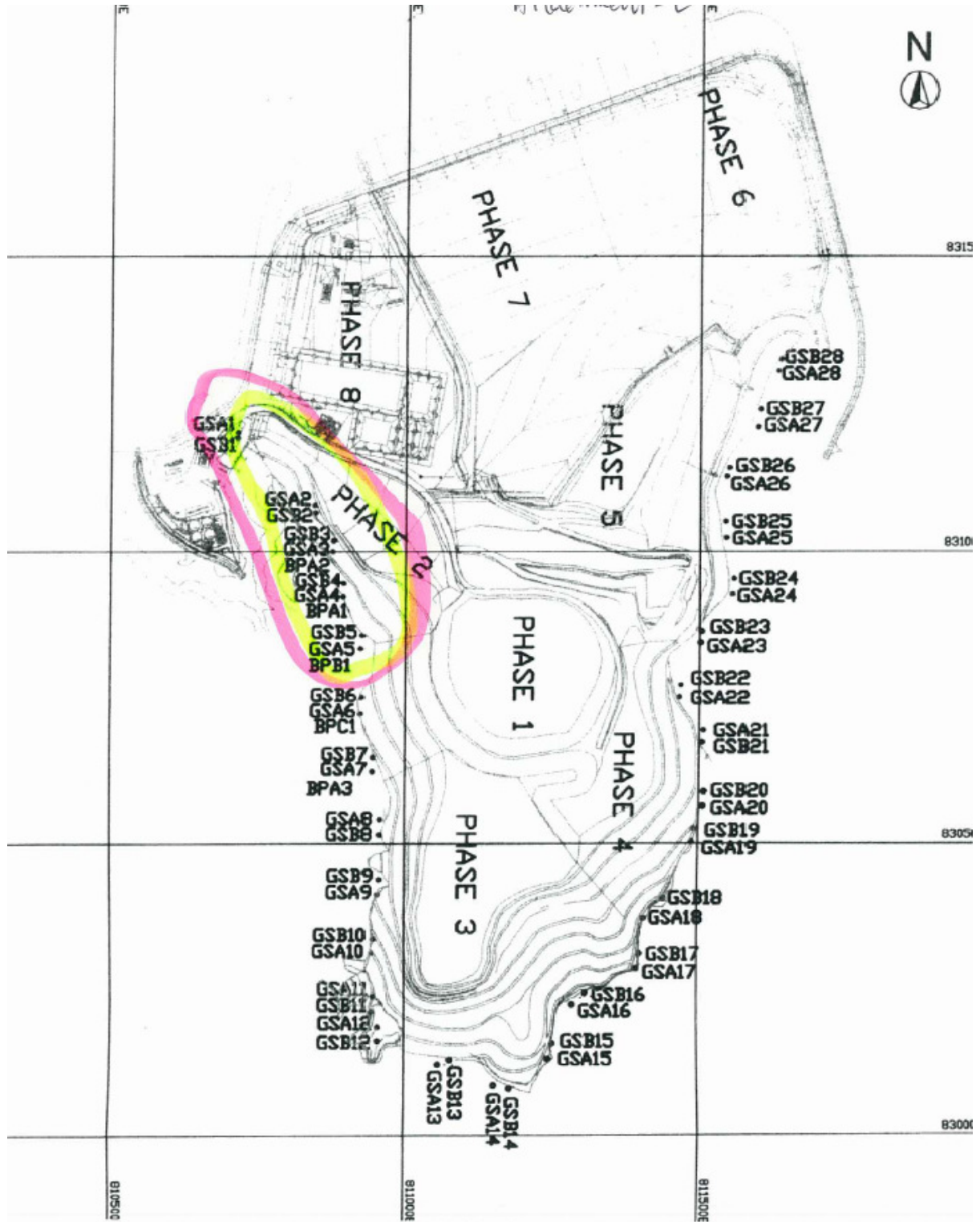


FIGURE 2 LFG Monitoring Locations of Existing WENT Landfill

Appendix 10.1 Recent WENT Landfill Gas Monitoring Data

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
29-May-07	15:50	BP1A	IR	----	<0.1	<2	0.5	20.4	994
29-May-07	15:35	BP1B	IR	----	<0.1	<2	<0.3	20.9	994
29-May-07	16:10	BP2A	IR	----	<0.1	<2	0.5	20.4	994
29-May-07	16:40	GS1A	IR	1.40	N/A				
29-May-07	16:45	GS1B	IR	0.64	N/A				
29-May-07	16:30	GS2A	IR	15.20	N/A				
29-May-07	16:35	GS2B	IR	20.85	<0.1	<2	<0.3	20.9	994
29-May-07	16:15	GS3A	IR	17.85	N/A				
29-May-07	16:20	GS3B	IR	18.60	N/A				
29-May-07	15:55	GS4A	IR	17.10	<0.1	<2	<0.3	20.9	994
29-May-07	16:00	GS4B	IR	32.79	<0.1	<2	<0.3	20.9	994
29-May-07	15:40	GS5A	IR	11.25	<0.1	<2	<0.3	20.9	994
29-May-07	15:45	GS5B	IR	11.40	<0.1	<2	<0.3	20.9	994

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
18-Jun-07	11:16	BP1A	IR	----	<0.1	<2	2.1	18.7	1000
18-Jun-07	11:10	BP1B	IR	----	<0.1	<2	<0.3	20.6	1000
18-Jun-07	12:15	BP2A	IR	----	<0.1	<2	0.1	21.1	1000
14-Jun-07	9:21	GS1A	IR	0.79	N/A				
14-Jun-07	9:26	GS1B	IR	0.13	N/A				
18-Jun-07	11:58	GS2A	IR	12.21	N/A				
18-Jun-07	11:52	GS2B	IR	21.52	<0.1	<2	0.5	20.2	1000
18-Jun-07	11:38	GS3A	IR	19.07	<0.1	<2	<0.3	21.1	1000
18-Jun-07	11:45	GS3B	IR	19.66	N/A				
18-Jun-07	11:24	GS4A	IR	17.20	<0.1	<2	<0.3	20.9	1000
18-Jun-07	11:29	GS4B	IR	33.10	<0.1	<2	0.6	18.4	1000
18-Jun-07	10:54	GS5A	IR	11.40	<0.1	<2	1.5	19.1	1000
18-Jun-07	10:59	GS5B	IR	11.53	<0.1	<2	0.3	20.2	1000

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
30-Jul-07	17:00	BP1A	IR	----	<0.1	<2	<0.3	21.0	1007
30-Jul-07	17:10	BP1B	IR	----	<0.1	<2	<0.3	21.2	1007
30-Jul-07	17:15	BP2A	IR	----	<0.1	<2	<0.3	21.2	1007
17-Jul-07	9:53	GS1A	IR	1.41	N/A				
17-Jul-07	9:59	GS1B	IR	0.22	N/A				
30-Jul-07	14:48	GS2A	IR	12.95	N/A				
30-Jul-07	14:55	GS2B	IR	17.60	<0.1	<2	<0.3	20.0	1001
30-Jul-07	14:35	GS3A	IR	19.00	<0.1	<2	0.7	19.9	1001
30-Jul-07	14:40	GS3B	IR	19.65	N/A				
30-Jul-07	16:35	GS4A	IR	15.20	N/A				
30-Jul-07	16:40	GS4B	IR	29.80	<0.1	<2	0.7	18.9	1007
12-Jul-07	15:17	GS5A	IR	10.40	<0.1	<2	1.3	19.5	990
12-Jul-07	15:20	GS5B	IR	11.15	<0.1	<2	<0.3	20.8	990

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
22-Aug-07	14:20	BP1A	IR	----	<0.1	<2	3.3	16.7	1004
23-Aug-07	15:55	BP1B	IR	----	<0.1	<2	<0.3	20.9	994
22-Aug-07	14:40	BP2A	IR	----	<0.1	<2	2.4	17.7	1004
24-Aug-07	11:35	GS1A	IR	1.43	N/A				

Appendix 10.1 Recent WENT Landfill Gas Monitoring Data

24-Aug-07	11:40	GS1B	IR	0.20	N/A				
22-Aug-07	15:00	GS2A	IR	11.61	N/A				
22-Aug-07	15:05	GS2B	IR	17.08	<0.1	<2	<0.3	20.9	1004
22-Aug-07	14:50	GS3A	IR	18.83	<0.1	<2	0.4	20.5	1004
22-Aug-07	14:55	GS3B	IR	19.41	N/A				
22-Aug-07	14:25	GS4A	IR	14.55	N/A				
22-Aug-07	14:30	GS4B	IR	29.23	<0.1	<2	1.4	16.7	1004
22-Aug-07	14:10	GS5A	IR	10.80	<0.1	<2	1.6	19.5	1004
22-Aug-07	14:15	GS5B	IR	11.14	N/A				

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
13-Sep-07	15:15	BP1A	IR	----	<0.1	<2	1.5	19.1	1006
13-Sep-07	15:20	BP1B	IR	----	<0.1	<2	<0.3	20.7	1006
20-Sep-07	11:10	BP2A	IR	----	<0.1	<2	1.0	19.8	998
20-Sep-07	15:20	GS1A	IR	0.52	N/A				
20-Sep-07	15:25	GS1B	IR	0.32	N/A				
20-Sep-07	11:25	GS2A	IR	11.92	N/A				
20-Sep-07	11:30	GS2B	IR	16.54	<0.1	<2	<0.3	20.4	998
20-Sep-07	11:15	GS3A	IR	18.27	<0.1	<2	<0.3	20.8	998
20-Sep-07	11:20	GS3B	IR	18.82	N/A				
13-Sep-07	14:55	GS4A	IR	14.52	N/A				
13-Sep-07	15:00	GS4B	IR	28.92	<0.1	<2	0.4	19.2	1006
13-Sep-07	15:05	GS5A	IR	10.60	<0.1	<2	0.9	19.8	1006
13-Sep-07	15:10	GS5B	IR	11.02	N/A				

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
25-Oct-07	15:05	BP1A	IR	----	<0.1	<2	1.0	19.9	1013
25-Oct-07	15:15	BP1B	IR	----	<0.1	<2	<0.3	20.8	1013
12-Oct-07	11:00	BP2A	IR	----	<0.1	<2	<0.3	21.0	1010
26-Oct-07	10:55	GS1A	IR	1.80	N/A				
26-Oct-07	11:00	GS1B	IR	0.40	N/A				
12-Oct-07	11:15	GS2A	IR	13.66	N/A				
12-Oct-07	11:20	GS2B	IR	17.06	<0.1	<2	<0.3	20.2	1010
12-Oct-07	11:05	GS3A	IR	17.83	N/A				
12-Oct-07	11:10	GS3B	IR	18.20	N/A				
12-Oct-07	10:50	GS4A	IR	15.23	N/A				
12-Oct-07	10:55	GS4B	IR	29.27	<0.1	<2	<0.3	20.3	1010
25-Oct-07	14:55	GS5A	IR	10.89	<0.1	<2	1.0	19.5	1013
25-Oct-07	15:00	GS5B	IR	11.12	N/A				

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
20-Nov-07	10:20	BP1A	IR	----	<0.1	<2	1.0	19.8	1022
20-Nov-07	11:30	BP1B	IR	----	<0.1	<2	<0.3	21.0	1022
20-Nov-07	10:40	BP2A	IR	----	<0.1	<2	0.5	20.5	1022
20-Nov-07	11:40	GS1A	IR	1.84	N/A				
20-Nov-07	11:50	GS1B	IR	0.73	N/A				
20-Nov-07	11:10	GS2A	IR	14.48	N/A				
20-Nov-07	11:15	GS2B	IR	18.25	<0.1	<2	<0.3	21.0	1022
20-Nov-07	10:50	GS3A	IR	17.56	N/A				
20-Nov-07	11:00	GS3B	IR	18.1	N/A				
20-Nov-07	10:30	GS4A	IR	16.02	N/A				

Appendix 10.1 Recent WENT Landfill Gas Monitoring Data

20-Nov-07	10:35	GS4B	IR	29.98	<0.1	<2	<0.3	20.7	1022
20-Nov-07	10:00	GS5A	IR	11.00	<0.1	<2	1.8	18.9	1022
20-Nov-07	10:10	GS5B	IR	11.43	<0.1	<2	<0.3	20.6	1022

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
19-Dec-07	10:00	BP1A	IR	----	<0.1	<2	<0.3	20.7	1019
18-Dec-07	16:00	BP1B	IR	----	<0.1	<2	<0.3	20.5	1014
19-Dec-07	10:15	BP2A	IR	----	<0.1	<2	0.5	20.2	1019
18-Dec-07	15:35	GS1A	IR	1.89	N/A				
18-Dec-07	15:45	GS1B	IR	0.82	N/A				
19-Dec-07	10:30	GS2A	IR	14.85	N/A				
19-Dec-07	10:35	GS2B	IR	19.3	<0.1	<2	<0.3	20.6	1019
19-Dec-07	10:20	GS3A	IR	17.8	N/A				
19-Dec-07	10:25	GS3B	IR	18.35	N/A				
19-Dec-07	10:05	GS4A	IR	16.5	N/A				
19-Dec-07	10:10	GS4B	IR	30.6	<0.1	<2	<0.3	20.4	1019
19-Dec-07	9:50	GS5A	IR	11.15	<0.1	<2	1.5	19.3	1019
19-Dec-07	9:55	GS5B	IR	11.35	<0.1	<2	<0.3	20.6	1019

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
28-Jan-08	12:25	BP1A	IR	----	<0.1	<2	<0.3	20.4	1004
30-Jan-08	14:00	BP1B	IR	----	<0.1	<2	<0.3	20.5	1019
30-Jan-08	14:20	BP2A	IR	----	<0.1	<2	0.8	20.0	1019
29-Jan-08	10:35	GS1A	IR	1.50	N/A				
29-Jan-08	10:40	GS1B	IR	0.70	N/A				
30-Jan-08	15:00	GS2A	IR	15.04	N/A				
30-Jan-08	15:05	GS2B	IR	19.38	<0.1	<2	<0.3	20.4	1019
30-Jan-08	15:15	GS3A	IR	17.84	N/A				
30-Jan-08	15:20	GS3B	IR	18.43	N/A				
30-Jan-08	15:30	GS4A	IR	16.61	N/A				
30-Jan-08	15:35	GS4B	IR	30.72	<0.1	<2	<0.3	20.3	1019
30-Jan-08	15:45	GS5A	IR	11.23	<0.1	<2	1.8	19.5	1019
30-Jan-08	15:50	GS5B	IR	11.44	<0.1	<2	<0.3	20.4	1019

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
19-Feb-08	10:15	BP1A	IR	----	<0.1	<2	<0.3	20.4	1025
5-Feb-08	11:05	BP1B	IR	----	<0.1	<2	<0.3	20.5	1021
19-Feb-08	10:30	BP2A	IR	----	<0.1	<2	<0.3	20.6	1025
5-Feb-08	14:30	GS1A	IR	1.56	N/A				
5-Feb-08	14:40	GS1B	IR	0.73	N/A				
19-Feb-08	10:45	GS2A	IR	15.3	N/A				
19-Feb-08	10:50	GS2B	IR	22.25	<0.1	<2	<0.3	20.6	1025
19-Feb-08	10:40	GS3A	IR	18.53	<0.1	<2	<0.3	20.5	1025
19-Feb-08	10:35	GS3B	IR	19.03	N/A				
19-Feb-08	10:20	GS4A	IR	17.12	<0.1	<2	<0.3	20.7	1025
19-Feb-08	10:25	GS4B	IR	31.72	<0.1	<2	<0.3	20.3	1025
19-Feb-08	10:00	GS5A	IR	11.25	<0.1	<2	1.9	18.9	1025
19-Feb-08	10:10	GS5B	IR	11.83	<0.1	<2	<0.3	20.5	1025

Appendix 10.1 Recent WENT Landfill Gas Monitoring Data

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
15-Mar-08	10:55	BP1A	IR	-----	<0.1	<2	<0.3	20.5	1004
27-Mar-08	12:20	BP1B	IR	-----	<0.1	<2	<0.3	20.4	996
27-Mar-08	14:20	BP2A	IR	-----	<0.1	<2	0.5	19.8	996
20-Mar-08	9:50	GS1A	IR	1.75	N/A				
20-Mar-08	9:55	GS1B	IR	0.90	N/A				
15-Mar-08	10:00	GS2A	IR	15.36	N/A				
15-Mar-08	10:05	GS2B	IR	22.29	<0.1	<2	<0.3	20.5	1004
15-Mar-08	10:15	GS3A	IR	18.46	<0.1	<2	<0.3	20.5	1004
15-Mar-08	10:20	GS3B	IR	19.11	N/A				
15-Mar-08	10:25	GS4A	IR	17.04	<0.1	<2	<0.3	20.5	1004
15-Mar-08	10:40	GS4B	IR	31.63	<0.1	<2	<0.3	20.3	1004
27-Mar-08	14:10	GS5A	IR	11.00	<0.1	<2	1.0	19.2	996
27-Mar-08	14:00	GS5B	IR	12.10	<0.1	<2	<0.3	20.2	996

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
24-Apr-08	11:10	BP1A	IR	-----	<0.1	<2	0.5	19.5	1000
24-Apr-08	10:50	BP1B	IR	-----	<0.1	<2	<0.3	20.2	1000
24-Apr-08	11:20	BP2A	IR	-----	<0.1	<2	0.1	20.0	1000
21-Apr-08	15:00	GS1A	IR	1.80	N/A				
21-Apr-08	15:05	GS1B	IR	0.98	N/A				
24-Apr-08	11:45	GS2A	IR	15.89	<0.1	<2	<0.3	20.4	1000
24-Apr-08	11:50	GS2B	IR	22.59	<0.1	<2	<0.3	20.4	1000
24-Apr-08	11:30	GS3A	IR	19.75	<0.1	<2	<0.3	20.0	1000
24-Apr-08	11:35	GS3B	IR	19.15	N/A				
24-Apr-08	12:00	GS4A	IR	17.13	<0.1	<2	<0.3	20.4	1000
24-Apr-08	12:05	GS4B	IR	31.70	<0.1	<2	<0.3	20.2	1000
24-Apr-08	11:05	GS5A	IR	11.19	<0.1	<2	1.1	19.0	1000
24-Apr-08	11:00	GS5B	IR	12.50	<0.1	<2	<0.3	19.9	1000

Date	Time	Monitoring Locaton	Portable Instrument *	Water Depth, M	CH ₄ , %	LEL, %	CO ₂ , %	O ₂ , %	Pressure, mbar
22-May-08	14:20	BP1A	IR	-----	<0.1	<2	0.8	19.1	1004
26-May-08	15:55	BP1B	IR	-----	<0.1	<2	<0.3	20.9	999
22-May-08	14:40	BP2A	IR	-----	<0.1	<2	<0.3	20.7	1004
30-May-08	11:35	GS1A	IR	1.68	N/A				
30-May-08	11:40	GS1B	IR	0.90	N/A				
22-May-08	15:00	GS2A	IR	15.78	<0.1	<2	<0.3	20.7	1004
22-May-08	15:05	GS2B	IR	22.31	<0.1	<2	<0.3	20.9	1004
22-May-08	14:50	GS3A	IR	19.14	<0.1	<2	0.4	20.5	1004
22-May-08	14:55	GS3B	IR	19.33	N/A				
22-May-08	14:25	GS4A	IR	17.42	<0.1	<2	<0.3	20.8	1004
22-May-08	14:30	GS4B	IR	32.23	<0.1	<2	1.4	16.7	1004
22-May-08	14:10	GS5A	IR	11.48	<0.1	<2	1.6	19.5	1004
22-May-08	14:15	GS5B	IR	12.20	<0.1	<2	<0.3	19.9	1004

Note : Measurements were taken at the valve of the monitoring wells or bar probes.

IR = Geotechnical Instruments infra-red gas analyzer (GA2000), serial number - GA08163

Water level at gas wells GS1A, GS1B, GS2A, GS3A, GS3B covered whole part of well screen.

No gas can be migrated into the wells. Hence, Gas remained in these wells do not fit for the purpose of gas monitoring