

Maeda Corporation



# Upgrading of Ting Kok Road Pumping Station No. 5

---

Fifth Quarterly EM&A Report  
(January – March 2007)

April 2007

Report no: 01284R0442

**Hyder Consulting Ltd**  
COI Number 126012  
47th Floor, Hopewell Centre, 183 Queens Road East, Wanchai, Hong Kong  
Tel: +852 2911 2233 Fax: +852 2805 5028  
[www.hyderconsulting.com](http://www.hyderconsulting.com)



Maeda Corporation



# Upgrading of Ting Kok Road Pumping Station No. 5

---

## Fifth Quarterly EM&A Report (January – March 2007)

**Author:** Alexi Bhanja

**Checker:** Alexi Bhanja

**Approver:** Guiyi Li

**Report no:** EA01284R0442

**Date:** April 2007

This report has been prepared for in accordance with the terms and conditions of Maeda Corporation appointment for the Upgrading of Ting Kok Road Pumping Station No. 5 in October 2006. Hyder Consulting Ltd (Incorporated in Hong Kong with limited liability – COI Number 126012) cannot accept any responsibility for any use of or reliance on the contents of this report by any third party.



---

**Certified by Landfill Gas Team Leader  
Alexi Bhanja**

**Consulting**

# Contents

<b>1</b>	<b>Executive Summary .....</b>	<b>1</b>
<b>2</b>	<b>Introduction.....</b>	<b>2</b>
2.1	Basic Project Information.....	2
2.2	Management Structure and Project Organisation .....	3
2.3	Construction Programme.....	3
2.4	Works Undertaken during the Quarter.....	3
<b>3</b>	<b>Environmental Status.....</b>	<b>4</b>
3.1	Works Undertaken during the Quarter with Illustrations .....	4
3.2	Project Area and Monitoring Locations.....	4
<b>4</b>	<b>Brief Summary of EM&amp;A Requirements .....</b>	<b>5</b>
4.1	Monitoring Parameters .....	5
4.2	Monitoring Equipment.....	5
4.3	Event and Action Levels/Plans .....	5
4.4	Mitigation Measures & Requirements in Contract Documents .....	6
<b>5</b>	<b>Implementation Status of LFG Control Measures .....</b>	<b>6</b>
<b>6</b>	<b>Monitoring Results .....</b>	<b>6</b>
6.1	Early-warning Location M1 .....	6
6.2	Fixed Location M3 .....	7
6.3	Variable Locations .....	7
<b>7</b>	<b>Report on Non-Compliance and Complaints .....</b>	<b>7</b>
<b>8</b>	<b>Others.....</b>	<b>8</b>
8.1	Future Key Issues.....	8
8.2	Comments, Recommendations and Conclusions.....	8

## List of Tables

Table 2-1	Contact Details for Key Project Personnel	3
Table 3-2	Fixed Monitoring Locations for LFG EM&A	4
Table 4-3	Equipment List for LFG Monitoring	5
Table 4-4	Action and Limit Levels and Action Plan for Landfill Gas	5
Table 6-5	Monitoring Results at M1	6
Table 6-6	Monitoring Results at M3	7

# List of Appendices

- Appendix 1 Project Organisation
- Appendix 2 Construction Programme
- Appendix 3 Location of Works and Project Area
- Appendix 4 Fixed Monitoring Locations
- Appendix 5 Updated Implementation Schedule
- Appendix 6 Calibration Records
- Appendix 7 Field Measurement Recording Sheets

# 1 Executive Summary

---

Drainage Services Department awarded the contract for the Upgrading of Ting Kok Road Pumping Station No. 5 to Maeda Corporation in September 2005. Maeda appointed Hyder Consulting Limited as the Contractor's Landfill Gas (LFG) Team during the construction period. The construction contract commenced in September 2005 and the total construction period is approximately 28 months.

This report recorded the results and findings of the required EM&A works undertaken during the period from January to March 2007. All relevant mitigation measures and requirements were implemented. There have been no exceedances in Action/Limit (A/L) Levels at of the locations monitored under the EM&A programme.

An 11m-deep borehole, designated "M1", was installed by the Contractor to provide an "early warning" of potential LFG problems that could affect surface trenches, but does not form part of the EM&A programme. The Contractor has noted the monitoring results from M1 and will take them into consideration when planning surface trench works in the vicinity.

Manhole M2 was dismantled in July 2006 because of planned works and therefore monitoring at M2 has been terminated since July 2006. However, LFG has never been detected at M2 and so it is not considered that termination of monitoring at this location will have any significant impact on the overall effectiveness of the environmental monitoring programme, as monitoring at manhole M3 will continue.

EPD has conducted site inspection on 13 February and 9 March 2007 in the reporting period. No adverse comment was given.

## Event and Action Levels

The baseline monitoring results documented in the baseline monitoring report for the Project (our report ref.: EA01284R0022) provided the Action and Limit (A/L) Levels for LFG impact monitoring and also the Action Plan. For methane, A/L Levels are 0.5%/1.0%; for carbon dioxide, A/L Levels are 0.5%/1.5%; and for oxygen, A/L Levels are 19.0%/18.0%.

## Complaint Log

There were no non-compliances during the reporting period and no complaints regarding LFG were received.

## Reporting Changes

There have been no reporting changes during the reporting period.

## Future Key Issues

Based on anticipated construction activities for the next quarter, on the construction programme and on the review of relevant Contractor's method statements by the LGT, no significant future key issues in terms of LFG have been identified at this time.

## 2 Introduction

---

### 2.1 Basic Project Information

Upgrading of Ting Kok Road Pumping Station No. 5 (TKRPS) under North District and Tolo Harbour Sewerage, Sewage Treatment and Disposal – High Priority Works is implemented based on the findings of the Study *Review of North District and Tolo Harbour Sewerage Master Plan*.

The purpose of the Project is to upgrade the existing TKRPS to cope with the sewerage needs of both existing and future developments along Ting Kok Road up to Tai Mei Tuk. The design pumping capacity of TKRPS has to be increased from 2,888m<sup>3</sup>/day to 11,520m<sup>3</sup>/day in order to serve the increasing sewage flow along Ting Kok Road. The Project is of high priority and needs to commence as soon as possible because full commissioning of the upstream sewerage facilities along Ting Kok Road is dependent on the completion of this Project.

The proposed scope of works includes construction of a new pumping station, laying of about 350m long twin 450mm diameter rising mains and 250m long 600mm diameter gravity sewer, and demolition of the existing pump pit. The main pumping station, transformer room, gravity sewers, manholes and boundary wall (except the twin rising mains) will be located outside the existing passive vent trench of Shuen Wan Landfill and the three existing Landfill Gas (LFG) monitoring probes within the Project site will not be affected by the works.

There are six village houses located about 60m away from the boundary of the proposed pumping station. The proposed pumping station upgrading works therefore constitutes a Designated Project under type F.3(b)(i) in Schedule 2 of the Environmental Impact Assessment Ordinance. A Project Profile (PP) for direct application of the Environmental Permit (EP) (Application No.DIR-115/2005) was approved by the Environmental Protection Department (EPD) in March 2005 and an EP (EP-212/2005) was granted in April 2005, prior to the commencement of the upgrading works.

Drainage Services Department awarded the contract for the upgrading of TKRPS to Maeda Corporation in September 2005. Maeda appointed Hyder Consulting Limited as the Contractor's Landfill Gas Team (LGT) during the construction period. The construction contract commenced in September 2005 and the total construction period is approximately 28 months.

Close proximity of the Project to Shuen Wan Landfill (within the 250m Consultation Zone of Shuen Wan Landfill) may also suggest the possibility of landfill gas being released during excavation works for substructure of pumping station, transformer room and associated rising mains and gravity sewers. As such, a *Report on Landfill Gas Hazard Assessment* has been prepared previously (as Appendix E to the PP) in accordance with EPD's *Landfill Gas Hazard Assessment Guidance Note* and the *Practice Note for Professional Persons – Landfill Gas Hazard Assessment for Development Adjacent to Landfills*.

## 2.2 Management Structure and Project Organisation

The Engineer (DSD) is responsible for overseeing the construction works and ensuring that they are undertaken by the Contractor (Maeda) in accordance with the specification and contractual requirements. The Contractor shall report to the Engineer. The LGT is employed by the Contractor and responsible for conducting the EM&A programme. The IC(LG) shall advise the Engineer on LFG issues related to the Project.

The key personnel contact names and telephone number are summarised in Table 2-1. The project organisation is shown in Appendix 1.

Party	Position	Name:	Tel. No.:
Project Proponent – DSD	Project Manager	Raymond LEE	2594 7457
	Engineer's Representative	Tim TSOI	2594 7460
Contractor – Maeda	Site Agent	George CHEUNG	9268 1918
LGT – Hyder Consulting	LGT Leader	Alexi BHANJA	2911 2916
IC(LG) –CH2M HILL	IC(LG)	Aldex LEE	2507 2203

Table 2-1 Contact Details for Key Project Personnel

## 2.3 Construction Programme

Construction programme of the Project is attached in Appendix 2. As can be seen, all works carried out during the reporting period have been carried out with the required LFG control measures (e.g. LFG monitoring for “hot works”).

## 2.4 Works Undertaken during the Quarter

Works undertaken during the reporting period included:

- Construction of gravity sewer and rising main
- Excavation and backfilling
- Installation of waling and strut
- Removal of waling and strut
- Sheet piling work
- Pile head cutting and installation of pile head steel plate
- Construction of sub-structure
- Water tightness testing
- Finishing work

## 3 Environmental Status

### 3.1 Works Undertaken during the Quarter with Illustrations

Works undertaken during the reporting period are identified in Section 2.4. Illustrations of these works, such as location of works, etc., are provided in Appendix 3.

### 3.2 Project Area and Monitoring Locations

The site is located at Ting Kok Road in Tai Po, and the major items to be constructed are located outside the existing passive vent trench of the adjacent Shuen Wan Landfill, which has been restored and is currently being monitored.

The impact monitoring locations specified in the *Report on Landfill Gas Hazard Assessment* comprise “utilities’ manholes and chambers” (i.e. fixed locations for purposes of environmental protection) and at excavations of 1m depth or more (i.e. variable locations for purposes of worker safety).

An 11m-deep borehole, designated “M1”, was installed by the Contractor (in addition to contract requirements) to provide an “early warning” of potential LFG problems that could affect surface trenches. It is not intended that M1 forms part of the EM&A programme, since conditions deep below the surface do not fall within the scope of the EM&A programme (i.e. manholes and excavations >1m).

In terms of fixed monitoring locations, the Baseline Report identified two existing manholes (M2 and M3). Manhole M2, however, was dismantled in July 2006 because of planned works and therefore monitoring at M2 has been terminated since July 2006. LFG has never been detected at M2 and so it is not considered that termination of monitoring at this location will have any significant impact on the overall effectiveness of the environmental monitoring programme, as monitoring at manhole M3 will continue. There are no other suitable manholes within the site that can be monitored in lieu of M2.

In terms of variable monitoring locations, these vary from month to month, depending on site activities. The fixed monitoring location is shown in Table 3-2:

Monitoring Station ID	Description	Purpose
M3	Existing Manhole (2m deep)	EM&A programme

**Table 3-2 Fixed Monitoring Locations for LFG EM&A**

Project area is shown in Appendix 3 and the fixed monitoring locations are shown in Appendix 4.



## 4 Brief Summary of EM&A Requirements

### 4.1 Monitoring Parameters

During the construction phase, impact monitoring of LFG is to be carried out in accordance with the *Report on Landfill Gas Hazard Assessment* at the selected locations. LFG parameters to be monitored comprise oxygen, methane and carbon dioxide. Temperature is also recorded but this is not a LFG parameter.

### 4.2 Monitoring Equipment

Table 4-3 shows the equipment list for LFG monitoring.

Equipment	Manufacturer / Serial Nos.
Gas Analyser GA 2000	Geotechnical Instruments / GA 08277

**Table 4-3 Equipment List for LFG Monitoring**

### 4.3 Event and Action Levels/Plans

The baseline monitoring results documented in the baseline monitoring report for the Project (our report ref.: EA01284R0022) provided the Action and Limit (A/L) Levels for LFG impact monitoring and also the Action Plan. As per the *Report on Landfill Gas Hazard Assessment*, and in keeping with the standard presentation of LFG EM&A in other projects, both the A/L Levels and Action Plan are shown in the same table.

Table 4-4 shows the combined A/L Level and Action Plan for the Project, to be triggered if the LFG criteria are exceeded at fixed locations M2 or M3, or at any of the variable locations:

Parameter	A/L Level	Action Plan
Oxygen	<19%	– Ventilate to restore oxygen to > 19%
	<18%	– Stop works – Evacuate personnel/prohibit entry – Increase ventilation to restore oxygen to >19%
Methane	>10% LEL (i.e. > 0.5 % by volume)	– Prohibit hot works – Ventilate to restore methane to < 10% LEL
	> 20% LEL (i.e. > 1% by volume)	– Stop works – Evacuate personnel/prohibit entry – Increase ventilation to restore methane to < 10% LEL
Carbon Dioxide	>0.5%	– Ventilate to restore carbon dioxide to <0.5%
	>1.5%	– Stop works – Evacuate personnel/prohibit entry – Increase ventilation to restore carbon dioxide to >0.5%

**Table 4-4 Action and Limit Levels and Action Plan for Landfill Gas**

## 4.4 Mitigation Measures & Requirements in Contract Documents

Measures for mitigating LFG hazards during the construction works have been stated clearly in the *Report on Landfill Gas Hazard Assessment*, which forms part of the contract documents Specification. Relevant excerpts could be referred to the Project Profile for Upgrading of Ting Kok Road Pumping Station No. 5.

Section 5 and Appendix 5 summarise the mitigation measures and requirements as well as the implementation status.

## 5 Implementation Status of LFG Control Measures

The status of the mitigation measures implemented by the Contractor is listed in Appendix 5. All LFG hazard control measures have been implemented as stipulated in the contract documents and in the *Report on Landfill Gas Hazard Assessment*.

## 6 Monitoring Results

Calibration records for the equipment used for LFG monitoring are provided in Appendix 6. *Original Field Measurement Recording Sheets* for both fixed locations and variable locations are provided in Appendix 7.

### 6.1 Early-warning Location M1

During the reporting period, LFG was monitored at M1 to give an “early warning” of potential LFG problems. M1 is an 11m-deep borehole and the carbon dioxide and methane concentrations may reflect possible influence of LFG at depth below the site. Monitoring results are shown in Table 6-5, below. Location M1 is not subject to EM&A and so A/L Levels are not applicable.

Monitoring Station ID	Date	Gas Concentration (%)			Temperature (°C)
		Methane	Carbon Dioxide	Oxygen	
M1	26 January 2007	0.0	0.0	20.4	16.2
	27 February 2007	0.0	0.0	20.4	19.8
	26 March 2007	0.0	0.0	20.3	23.5

**Table 6-5 Monitoring Results at M1**

Considering the location of M1 adjacent to a restored landfill, the recorded levels are within expected norms and are not cause for concern. Notwithstanding, the Contractor has noted these concentrations and will take them into consideration when planning surface trench works in the vicinity.

## 6.2 Fixed Location M3

During the reporting period, LFG was monitored at the fixed location M3 for purposes of environmental protection. This is shown in Table 6-6, below:

Monitoring Station ID	Date	Gas Concentration (%)			Temperature (°C)
		Methane	Carbon Dioxide	Oxygen	
M3	26 January 2007	0.0	0.0	20.4	16.2
M3	27 February 2007	0.0	0.0	20.3	19.8
M3	26 March 2007	0.0	0.0	20.3	23.5

Note : **bold** indicates an exceedance of Action Level and **bold** indicates exceedance of Limit Level

**Table 6-6 Monitoring Results at M3**

Appendix 4 shows the position of each fixed monitoring station. There were no exceedances of A/L Levels at the two fixed locations during the reporting period.

## 6.3 Variable Locations

During the reporting period, LFG was monitored at variable locations (for purposes of worker safety) within Portions 4 to 7, as shown in Appendix 3. Readings were taken for safety-related reasons, including piling works, trench excavation, hot works, post-drilling work and the construction of the temporary drainage system.

A total of 687 nos. of readings were taken in January 2007, 600 nos. of readings in February 2007 and 550 no. readings in March 2007, giving a total of 1765 for the reporting period. There were no exceedances of A/L Levels at any variable locations during the reporting period. The LFG monitoring results are provided on the *Field Measurement Recording Sheets* in Appendix 7.

## 7 Report on Non-Compliance and Complaints

EPD has conducted site inspection on 13 February 2007 in the reporting month. EPD inspected effluent discharge, dust suppression measure, wheel washing facility and chemical waste storage area. EPD has also conducted site inspection on 13 February and 9 March 2007. Regular inspection on site condition was conducted. No adverse comment was given on both site inspections.

There were no non-compliances during the reporting period and no complaints regarding LFG were received.

## 8 Others

---

### 8.1 Future Key Issues

Construction activities for next quarter are anticipated to include:

- Construction of gravity sewer and rising main
- Water tightness testing
- Finishing work

Based on the above, on the construction programme (shown in Appendix 2) and on the review of relevant Contractor's method statements by the LGT, no significant future key issues in terms of LFG have been identified at this time.

LFG monitoring will be continued and the monitoring schedule for the next three months is shown below:

- 2 April 2007
- 1 May 2007
- 1 June 2007

### 8.2 Comments, Recommendations and Conclusions

The LFG mitigation measures adopted by the Contractor during the reporting period are considered to have been implemented in a satisfactory manner and there have been no exceedance of A/L Levels.

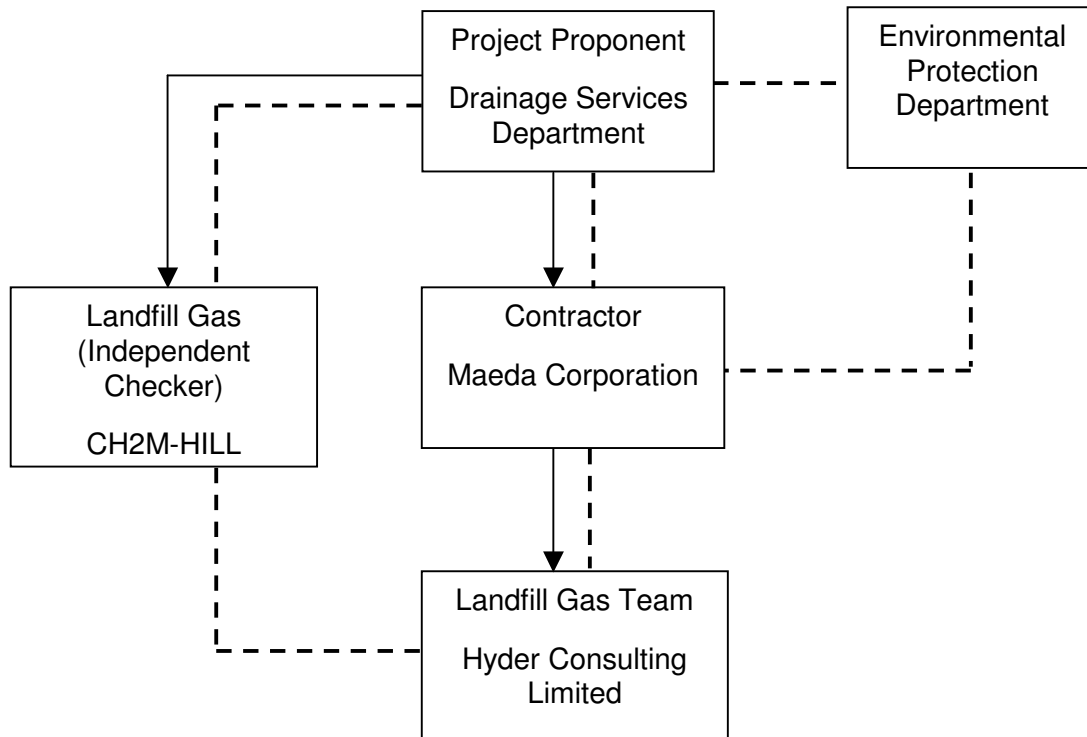
The EM&A programme is considered to have performed acceptably and there are no recommendations for improvements or modifications at this time.

In conclusion, there have been no significant issues relating to LFG hazard during the reporting period.

# Appendix 1

---

## Project Organisation



----- Line of communication

—————> Line of Authority

# Appendix 2

---

## Construction Programme



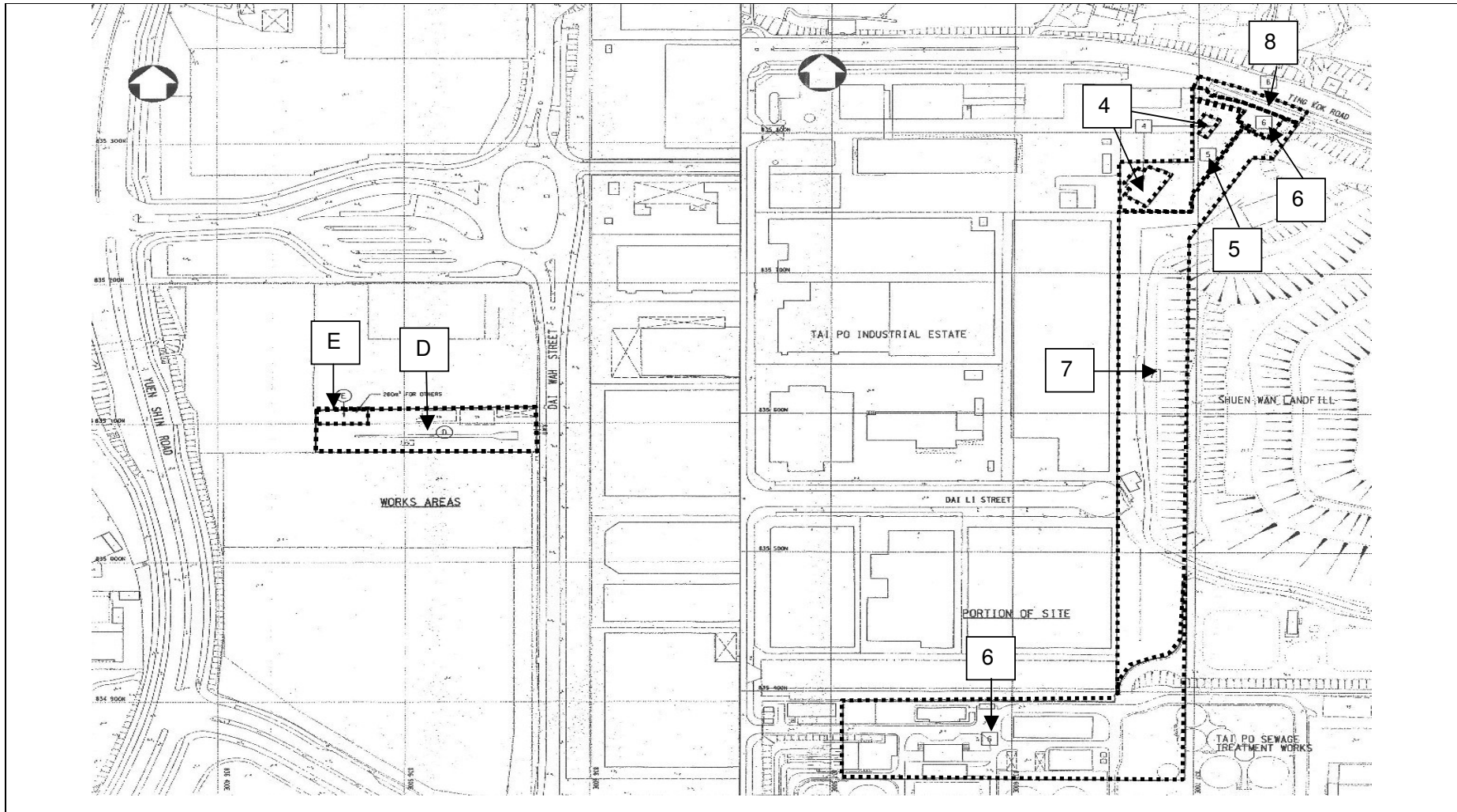




# Appendix 3

---

## Location of Works and Project Area



Title

Upgrading of Ting Kok Road Pumping Station No. 5 – Portion of Site and Works Area

Date

Dec 2005

Figure

N.A.

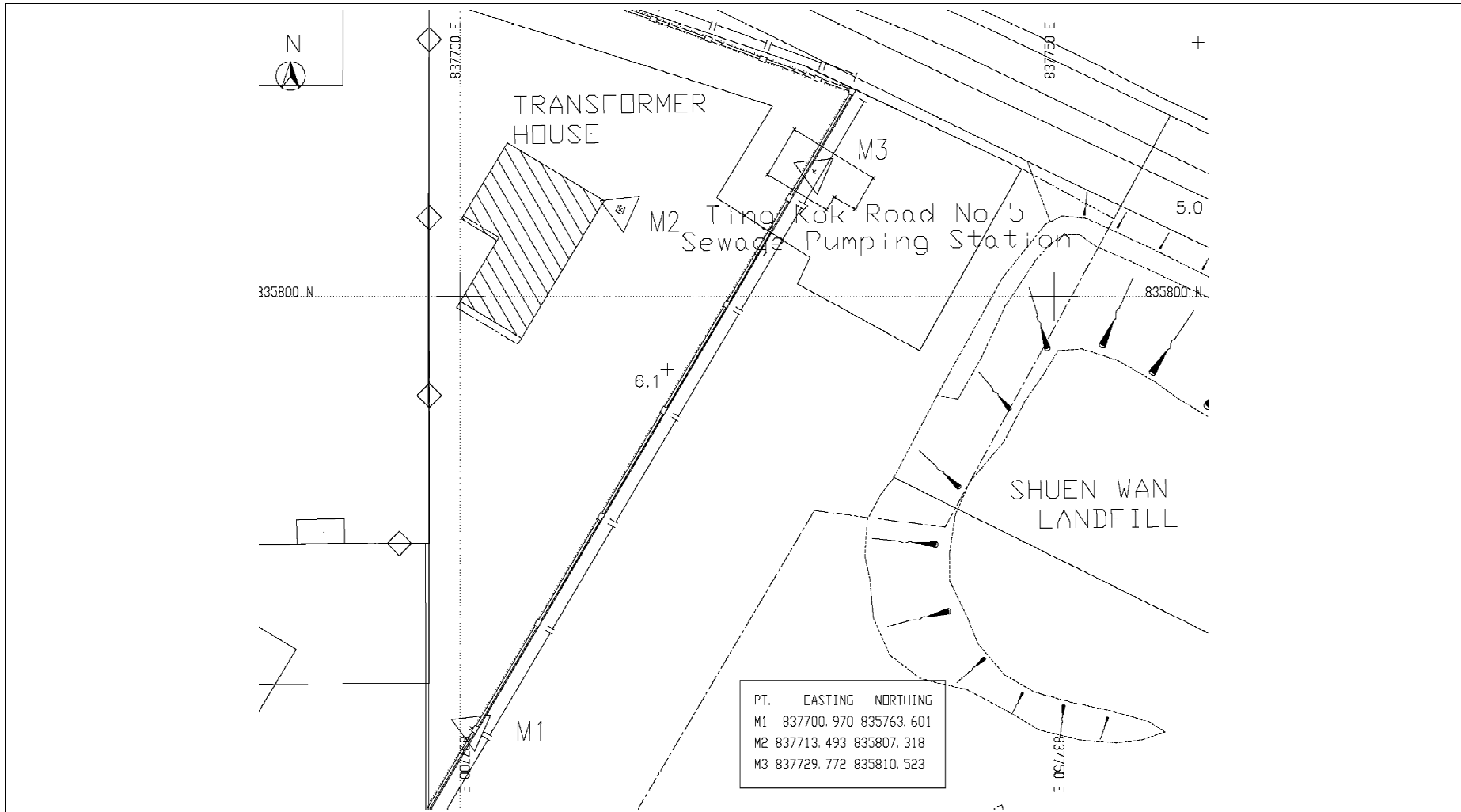
Scale

NTS

# Appendix 4

---

## Fixed Monitoring Locations



Title

Upgrading of Ting Kok Road Pumping Station No. 5 – LFG Monitoring Station

Date

Dec 2005

Figure

N.A.

Scale

NTS

# Appendix 5

---

## Updated Implementation Schedule

Section	Environmental Protection Measure	Status	Location	Implementation Agent	Implementation Stage	Relevant Legislation & Guidelines
6.1	Safety officer, trained in the use of gas detection equipment and landfill gas-related hazards should be appointed on site throughout the ground works phase. The Safety Officer should be provided with intrinsically safe portable instruments, appropriately calibrated and capable of measuring the following gases in the ranges indicated: methane            0-100% LEL and 0-100% by volume; carbon dioxide    0-100%;and oxygen              0-21%	Y	Within the work site	Contractor	Construction	Code of practice on Safety and Health at Work in Confined Space.  Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)
6.2	No smoking and naked flames should be allowed.	Y				Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)
6.2	No worker should work alone at any time in the confined area or any excavation trenches.	Y				
6.2	Construction equipment should be equipped with a vertical exhaust at least 0.6m above ground level and/or with spark arrestors	Y				
6.2	Electrical motors and electrical extension cords should be explosion-proof or intrinsically safe.	N/A				
6.2	Welding, flame-cutting or other hot works should only be carried out in trenches or confined spaces when controlled by a 'permit to work' procedure, properly authorized by the Safety Officer.	N/A				
6.2	Forced ventilation should be required for workers, if in a trench deeper than 1m.	N/A				

Section	Environmental Protection Measure	Status	Location	Implementation Agent	Implementation Stage	Relevant Legislation & Guidelines
6.2	During piping assembly or conducting construction, all valves/seals should be closed as installed to prevent the migration of gases through the pipeline/conduit. Forced ventilation and gas monitoring should be performed before staff entering and working in large diameter pipe.	N/A	Within the work site	Contractor	Construction	Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)
6.2	The Safety Officer should set down the monitoring frequency and areas prior to commencement of construction works.	Y				
6.2	Daily and routine monitoring should be carried out in all excavations.	Y				
6.2	All measurements in excavations should be made with the extended monitoring tube located not more than 10mm from the exposed ground surface. Monitoring should be performed properly to make sure that the area is free of landfill gas before any man enters the area.	Y				
6.2	For excavations deeper than 1m, measurement should be carried out: <ul style="list-style-type: none"> <li>▪ at the ground surface before excavation commences;</li> <li>▪ immediately before any worker enters the excavation;</li> <li>▪ at the beginning of each half working day (i.e morning and afternoon) for the entire period the excavation remains open; and</li> <li>▪ periodically through the working day whilst works are in the excavation.</li> </ul>	N/A				



Section	Environmental Protection Measure	Status	Location	Implementation Agent	Implementation Stage	Relevant Legislation & Guidelines
6.2	For excavations between 300mm and 1m deep, measurements should be carried out: <ul style="list-style-type: none"> <li>▪ Directly after the excavation has been completed; and</li> <li>▪ Periodically whilst the excavation remains open.</li> </ul>	Y				
6.2	The landfill gas precautionary measures involved with excavation and piping works should be included in the Safety Plan.	Y	Within the work site	Contractor	Construction	Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)
6.3	The cracks on the ground level at the working area should be monitored during ground-works construction	N/A				
6.4	Where there are any temporary site offices, or any other buildings that have enclosed spaces with the capacity to accumulate landfill gas, then they should either: <ul style="list-style-type: none"> <li>▪ Be located on an area which has been proved to be free of landfill gas and monitored manually by the Safety officer or an approved and appropriately qualified person to ensure that hazardous concentration of landfill gas does not occur; or</li> <li>▪ Be raised clear of the ground. If buildings are raised clear of the ground, a minimum, clear separation distance should be 500mm.</li> </ul>	Y				
6.5	Such offices or buildings should be provided with some kinds of control of gas by mechanical means e.g. forced ventilation using fans or blowers.	Y				
6.6	Adequate fire extinguishing equipment, fire-resistant clothing and breathing apparatus (BA) sets should be made available on site.	Y				

Section	Environmental Protection Measure	Status	Location	Implementation Agent	Implementation Stage	Relevant Legislation & Guidelines
6.7	Periodic environmental monitoring report with LFG control measures evaluation during construction phase should be provided by contractor and submitted to SP/DSD and EPD.	Y				
7.1	When service voids, manholes or inspection chambers within the proposed site are entered for maintenance, monitoring and a checklist system of safety requirements should be performed before entry.	N/A	Manhole/ chamber	DSD	Operation	Code of Practice on Safety and health at Work in Confined Spaces
7.2	A procedure should be developed as part of the station operation to respond to gas detector alarms. The detection system should be maintained and calibrated regularly in accordance with the manufacturer's recommendations. In the event of a power failure, the detectors should have an 8-hour battery back-up system, and the procedures should indicate for manual monitoring in the station in the event of prolonged power failure (or longer than 8 hours).	N/A	Pumping station			
7.3	Forced ventilation should be used if methane of more than 0.5% (by volume) in the internal atmosphere (e.g. in service voids, manholes, inspection chambers or rooms as mentioned above) is detected.	N/A	Manhole/ chamber/ pumping station			
7.4	No person should enter or remain in a confined spaces or trenches where the carbon dioxide concentration exceed 1.5% (by volume).	N/A				
7.5	Oxygen concentration should be monitored and no person should enter or remain in any confined spaced or trenches where the oxygen content of air has fallen below 18% by volume.	N/A				

Section	Environmental Protection Measure	Status	Location	Implementation Agent	Implementation Stage	Relevant Legislation & Guidelines
7.6	All the access to these confined spaces would be restricted only to authorize personnel who should be aware of the LFG hazard. No member of general public should be permitted or allowed to access these confined spaces, manholes or inspection chambers.	N/A				

Note:

Y – Implemented

N – Not Implemented

N/A – Not Applicable

# Appendix 6

---

## Calibration Records



Environmental Management Division

**CALIBRATION REPORT**

Client : Maeda Corporation  
Address : Tai Po Site Office,  
Ting Kok Road,  
Tai Po

Report No. : CR 000075  
Page No. : 1 of 2  
Issue Date : 23/08/2006

Received Date : 19/08/2006  
Approved Signatory : Grace Ting  
Remarks :

Completion Date : 22/08/2006

**Calibration Results:**

Item : Gas Analyser model GA 2000, Geotechnical Instruments  
Serial No. : GA 08277  
Calibration Method : In house method (calibrated and checked with certified gas standards)  
Date of Calibration : 22/08/2006  
Results: :

**Oxygen**

Expected, %	Reading, %
0.0	0.0
7.7	7.1
20.0	19.8

**Methane**

Expected, %	Reading, %
0.0	0.0
16.6	15.6
31.6	30.4
44.8	45.3
60.0	60.3



Environmental Management Division

## CALIBRATION REPORT

Client : Maeda Corporation  
Address : Tai Po Site Office,  
Ting Kok Road,  
Tai Po

Report No. : CR 000075  
Page No. : 2 of 2  
Issue Date : 23/08/2006

Received Date : 19/08/2006  
Approved Signatory : Grace Ting  
Remarks :

Completion Date : 22/08/2006

### Calibration Results:

Item : Gas Analyser model GA 2000, Geotechnical Instruments  
Serial No. : GA 08277  
Calibration Method : In house method (calibrated and checked with certified gas standards)  
Date of Calibration : 22/08/2006  
Results :

#### Carbon Dioxide

Expected, %	Reading, %
0.0	0.0
11.1	10.6
21.3	21.1
30.1	31.2
40.0	39.9

# Appendix 7

---

## Field Measurement Recording Sheets





























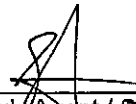


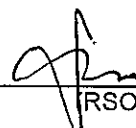
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 7-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	7-Jan-07	12:21	Fine	79.6	0	0	20.3	16.8	Ground
Portion 5	7-Jan-07	12:22	Fine	79.6	0	0	20.3	16.8	3m depth
Portion 5	7-Jan-07	12:23	Fine	79.6	0	0	20.3	16.8	6m depth
Portion 4	7-Jan-07	12:24	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	7-Jan-07	12:26	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	7-Jan-07	12:27	Fine	79.5	0	0	20.4	16.8	3m depth
Portion 7	7-Jan-07	12:28	Fine	79.6	0	0	20.3	16.8	2.5m depth
Portion 7	7-Jan-07	12:29	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	7-Jan-07	12:30	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	7-Jan-07	12:31	Fine	79.6	0	0	20.3	16.8	2m depth
Portion 6	7-Jan-07	12:32	Fine	79.6	0	0	20.3	16.8	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)





















**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 12-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	12-Jan-07	12:21	Fine	79.6	0	0	20.3	23.9	Ground
Portion 5	12-Jan-07	12:22	Fine	79.6	0	0	20.3	23.9	3m depth
Portion 5	12-Jan-07	12:23	Fine	79.6	0	0	20.3	23.9	6m depth
Portion 4	12-Jan-07	12:24	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	12-Jan-07	12:26	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	12-Jan-07	12:27	Fine	79.6	0	0	20.3	23.9	3m depth
Portion 7	12-Jan-07	12:28	Fine	79.5	0	0	20.4	23.9	2.5m depth
Portion 7	12-Jan-07	12:29	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	12-Jan-07	12:30	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	12-Jan-07	12:31	Fine	79.6	0	0	20.3	23.9	2m depth
Portion 6	12-Jan-07	12:32	Fine	79.6	0	0	20.3	23.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub/Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSD)













**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 15-Jan-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	15-Jan-07	12:21	Fine	79.6	0	0	20.3	24.2	Ground
Portion 5	15-Jan-07	12:22	Fine	79.6	0	0	20.3	24.2	3m depth
Poriton 5	15-Jan-07	12:23	Fine	79.6	0	0	20.3	24.2	6m depth
Portion 4	15-Jan-07	12:24	Fine	79.6	0	0	20.3	24.2	4m depth
Portion 7	15-Jan-07	12:26	Fine	79.6	0	0	20.3	24.2	4m depth
Portion 7	15-Jan-07	12:27	Fine	79.6	0	0	20.3	24.2	3m depth
Portion 7	15-Jan-07	12:28	Fine	79.6	0	0	20.3	24.2	2.5m depth
Portion 7	15-Jan-07	12:29	Fine	79.5	0	0	20.4	24.2	4m depth
Portion 7	15-Jan-07	12:30	Fine	79.5	0	0	20.4	24.2	4m depth
Portion 7	15-Jan-07	12:31	Fine	79.6	0	0	20.3	24.2	2m depth
Portion 6	15-Jan-07	12:32	Fine	79.6	0	0	20.3	24.2	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 16-Jan-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	16-Jan-07	8:15	Fine	79.6	0	0	20.3	16.9	Ground
Portion 5	16-Jan-07	8:16	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 5	16-Jan-07	8:17	Fine	79.6	0	0	20.3	16.9	6m depth
Portion 4	16-Jan-07	8:18	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	16-Jan-07	8:20	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	16-Jan-07	8:21	Fine	79.5	0	0	20.4	16.9	3m depth
Portion 7	16-Jan-07	8:22	Fine	79.5	0	0	20.4	16.9	2.5m depth
Portion 7	16-Jan-07	8:23	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	16-Jan-07	8:24	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	16-Jan-07	8:25	Fine	79.6	0	0	20.3	16.9	2m depth
Portion 6	16-Jan-07	8:26	Fine	79.5	0	0	20.4	16.9	2m depth

Field Technician:

[Signature]  
 (Sub) Agent / Supervisor

Checked by:


[Signature]  
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 16-Jan-07

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	16-Jan-07	12:21	Fine	79.6	0	0	20.3	23.7	Ground
Portion 5	16-Jan-07	12:22	Fine	79.6	0	0	20.3	23.7	3m depth
Portion 5	16-Jan-07	12:23	Fine	79.6	0	0	20.3	23.7	6m depth
Portion 4	16-Jan-07	12:24	Fine	79.5	0	0	20.4	23.7	4m depth
Portion 7	16-Jan-07	12:26	Fine	79.6	0	0	20.3	23.7	4m depth
Portion 7	16-Jan-07	12:27	Fine	79.6	0	0	20.3	23.7	3m depth
Portion 7	16-Jan-07	12:28	Fine	79.6	0	0	20.3	23.7	2.5m depth
Portion 7	16-Jan-07	12:29	Fine	79.6	0	0	20.3	23.7	4m depth
Portion 7	16-Jan-07	12:30	Fine	79.6	0	0	20.3	23.7	4m depth
Portion 7	16-Jan-07	12:31	Fine	79.6	0	0	20.3	23.7	2m depth
Portion 6	16-Jan-07	12:32	Fine	79.6	0	0	20.3	23.7	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 17-Jan-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	17-Jan-07	8:15	Fine	79.6	0	0	20.3	16.7	Ground
Portion 5	17-Jan-07	8:16	Fine	79.6	0	0	20.3	16.7	3m depth
Portion 5	17-Jan-07	8:17	Fine	79.6	0	0	20.3	16.7	6m depth
Portion 4	17-Jan-07	8:18	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	17-Jan-07	8:20	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	17-Jan-07	8:21	Fine	79.6	0	0	20.3	16.7	3m depth
Portion 7	17-Jan-07	8:22	Fine	79.5	0	0	20.4	16.7	2.5m depth
Portion 7	17-Jan-07	8:23	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	17-Jan-07	8:24	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	17-Jan-07	8:25	Fine	79.6	0	0	20.3	16.7	2m depth
Portion 6	17-Jan-07	8:26	Fine	79.6	0	0	20.3	16.7	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)



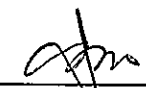
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 17-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	17-Jan-07	12:21	Fine	79.6	0	0	20.3	24.5	Ground
Portion 5	17-Jan-07	12:22	Fine	79.6	0	0	20.3	24.5	3m depth
Portion 5	17-Jan-07	12:23	Fine	79.5	0	0	20.4	24.5	6m depth
Portion 4	17-Jan-07	12:24	Fine	79.5	0	0	20.4	24.5	4m depth
Portion 7	17-Jan-07	12:26	Fine	79.5	0	0	20.4	24.5	4m depth
Portion 7	17-Jan-07	12:27	Fine	79.6	0	0	20.3	24.5	3m depth
Portion 7	17-Jan-07	12:28	Fine	79.6	0	0	20.3	24.5	2.5m depth
Portion 7	17-Jan-07	12:29	Fine	79.6	0	0	20.3	24.5	4m depth
Portion 7	17-Jan-07	12:30	Fine	79.6	0	0	20.3	24.5	4m depth
Portion 7	17-Jan-07	12:31	Fine	79.6	0	0	20.3	24.5	2m depth
Portion 6	17-Jan-07	12:32	Fine	79.6	0	0	20.3	24.5	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

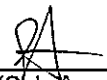
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 18-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	18-Jan-07	8:15	Fine	79.6	0	0	20.3	16.9	Ground
Portion 5	18-Jan-07	8:16	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 5	18-Jan-07	8:17	Fine	79.6	0	0	20.3	16.9	6m depth
Portion 4	18-Jan-07	8:18	Fine	79.5	0	0	20.4	16.9	4m depth
Portion 7	18-Jan-07	8:20	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	18-Jan-07	8:21	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 7	18-Jan-07	8:22	Fine	79.6	0	0	20.3	16.9	2.5m depth
Portion 7	18-Jan-07	8:23	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	18-Jan-07	8:24	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	18-Jan-07	8:25	Fine	79.6	0	0	20.3	16.9	2m depth
Portion 6	18-Jan-07	8:26	Fine	79.6	0	0	20.3	16.9	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

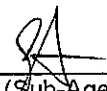
  
 (RSO)

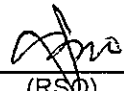
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 18-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	18-Jan-07	12:21	Fine	79.6	0	0	20.3	24.4	Ground
Portion 5	18-Jan-07	12:22	Fine	79.6	0	0	20.3	24.4	3m depth
Portion 5	18-Jan-07	12:23	Fine	79.6	0	0	20.3	24.4	6m depth
Portion 4	18-Jan-07	12:24	Fine	79.5	0	0	20.4	24.4	4m depth
Portion 7	18-Jan-07	12:26	Fine	79.5	0	0	20.4	24.4	4m depth
Portion 7	18-Jan-07	12:27	Fine	79.6	0	0	20.3	24.4	3m depth
Portion 7	18-Jan-07	12:28	Fine	79.6	0	0	20.3	24.4	2.5m depth
Portion 7	18-Jan-07	12:29	Fine	79.6	0	0	20.3	24.4	4m depth
Portion 7	18-Jan-07	12:30	Fine	79.6	0	0	20.3	24.4	4m depth
Portion 7	18-Jan-07	12:31	Fine	79.5	0	0	20.4	24.4	2m depth
Portion 6	18-Jan-07	12:32	Fine	79.6	0	0	20.3	24.4	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)

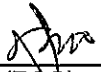
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 19-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	19-Jan-07	8:15	Fine	79.6	0	0	20.3	17.1	Ground
Portion 5	19-Jan-07	8:16	Fine	79.6	0	0	20.3	17.1	3m depth
Portion 5	19-Jan-07	8:17	Fine	79.6	0	0	20.3	17.1	6m depth
Portion 4	19-Jan-07	8:18	Fine	79.6	0	0	20.3	17.1	4m depth
Portion 7	19-Jan-07	8:20	Fine	79.6	0	0	20.3	17.1	4m depth
Portion 7	19-Jan-07	8:21	Fine	79.6	0	0	20.3	17.1	3m depth
Portion 7	19-Jan-07	8:22	Fine	79.5	0	0	20.4	17.1	2.5m depth
Portion 7	19-Jan-07	8:23	Fine	79.5	0	0	20.4	17.1	4m depth
Portion 7	19-Jan-07	8:24	Fine	79.6	0	0	20.3	17.1	4m depth
Portion 7	19-Jan-07	8:25	Fine	79.6	0	0	20.3	17.1	2m depth
Portion 6	19-Jan-07	8:26	Fine	79.6	0	0	20.3	17.1	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)

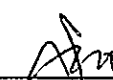
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 19-Jan-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	19-Jan-07	12:21	Fine	79.6	0	0	20.3	24.1	Ground
Portion 5	19-Jan-07	12:22	Fine	79.6	0	0	20.3	24.1	3m depth
Portion 5	19-Jan-07	12:23	Fine	79.6	0	0	20.3	24.1	6m depth
Portion 4	19-Jan-07	12:24	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	19-Jan-07	12:26	Fine	79.5	0	0	20.4	24.1	4m depth
Portion 7	19-Jan-07	12:27	Fine	79.6	0	0	20.3	24.1	3m depth
Portion 7	19-Jan-07	12:28	Fine	79.5	0	0	20.4	24.1	2.5m depth
Portion 7	19-Jan-07	12:29	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	19-Jan-07	12:30	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	19-Jan-07	12:31	Fine	79.6	0	0	20.3	24.1	2m depth
Portion 6	19-Jan-07	12:32	Fine	79.6	0	0	20.3	24.1	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 20-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	20-Jan-07	8:15	Fine	79.6	0	0	20.3	17.3	Ground
Portion 5	20-Jan-07	8:16	Fine	79.6	0	0	20.3	17.3	3m depth
Portion 5	20-Jan-07	8:17	Fine	79.6	0	0	20.3	17.3	6m depth
Portion 4	20-Jan-07	8:18	Fine	79.6	0	0	20.3	17.3	4m depth
Portion 7	20-Jan-07	8:20	Fine	79.6	0	0	20.3	17.3	4m depth
Portion 7	20-Jan-07	8:21	Fine	79.6	0	0	20.3	17.3	3m depth
Portion 7	20-Jan-07	8:22	Fine	79.6	0	0	20.3	17.3	2.5m depth
Portion 7	20-Jan-07	8:23	Fine	79.6	0	0	20.3	17.3	4m depth
Portion 7	20-Jan-07	8:24	Fine	79.6	0	0	20.3	17.3	4m depth
Portion 7	20-Jan-07	8:25	Fine	79.5	0	0	20.4	17.3	2m depth
Portion 6	20-Jan-07	8:26	Fine	79.6	0	0	20.3	17.3	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (R90)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 20-Jan-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	20-Jan-07	12:21	Fine	79.6	0	0	20.3	23.7	Ground
Portion 5	20-Jan-07	12:22	Fine	79.6	0	0	20.3	23.7	3m depth
Portion 5	20-Jan-07	12:23	Fine	79.6	0	0	20.3	23.7	6m depth
Portion 4	20-Jan-07	12:24	Fine	79.6	0	0	20.3	23.7	4m depth
Portion 7	20-Jan-07	12:26	Fine	79.4	0	0	20.5	23.7	4m depth
Portion 7	20-Jan-07	12:27	Fine	79.6	0	0	20.3	23.7	3m depth
Portion 7	20-Jan-07	12:28	Fine	79.5	0	0	20.4	23.7	2.5m depth
Portion 7	20-Jan-07	12:29	Fine	79.6	0	0	20.3	23.7	4m depth
Portion 7	20-Jan-07	12:30	Fine	79.5	0	0	20.4	23.7	4m depth
Portion 7	20-Jan-07	12:31	Fine	79.6	0	0	20.3	23.7	2m depth
Portion 6	20-Jan-07	12:32	Fine	79.6	0	0	20.3	23.7	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

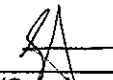
Checked by: \_\_\_\_\_  
 (RSO)

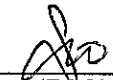
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 21-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	21-Jan-07	8:15	Fine	79.6	0	0	20.3	16.8	Ground
Portion 5	21-Jan-07	8:16	Fine	79.6	0	0	20.3	16.8	3m depth
Poriton 5	21-Jan-07	8:17	Fine	79.6	0	0	20.3	16.8	6m depth
Portion 4	21-Jan-07	8:18	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	21-Jan-07	8:20	Fine	79.5	0	0	20.4	16.8	4m depth
Portion 7	21-Jan-07	8:21	Fine	79.6	0	0	20.3	16.8	3m depth
Portion 7	21-Jan-07	8:22	Fine	79.6	0	0	20.3	16.8	2.5m depth
Portion 7	21-Jan-07	8:23	Fine	79.5	0	0	20.4	16.8	4m depth
Portion 7	21-Jan-07	8:24	Fine	79.6	0	0	20.3	16.8	4m depth
Portion 7	21-Jan-07	8:25	Fine	79.6	0	0	20.3	16.8	2m depth
Portion 6	21-Jan-07	8:26	Fine	79.6	0	0	20.3	16.8	2m depth

Field Technician:   
 (Sub-Agent / -Supervisor)

Checked by:   
 (RSO)



**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 21-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	21-Jan-07	12:21	Fine	79.6	0	0	20.3	24.2	Ground
Portion 5	21-Jan-07	12:22	Fine	79.6	0	0	20.3	24.2	3m depth
Portion 5	21-Jan-07	12:23	Fine	79.6	0	0	20.3	24.2	6m depth
Portion 4	21-Jan-07	12:24	Fine	79.6	0	0	20.3	24.2	4m depth
Portion 7	21-Jan-07	12:26	Fine	79.5	0	0	20.4	24.2	4m depth
Portion 7	21-Jan-07	12:27	Fine	79.6	0	0	20.3	24.2	3m depth
Portion 7	21-Jan-07	12:28	Fine	79.5	0	0	20.4	24.2	2.5m depth
Portion 7	21-Jan-07	12:29	Fine	79.5	0	0	20.4	24.2	4m depth
Portion 7	21-Jan-07	12:30	Fine	79.6	0	0	20.3	24.2	4m depth
Portion 7	21-Jan-07	12:31	Fine	79.6	0	0	20.3	24.2	2m depth
Portion 6	21-Jan-07	12:32	Fine	79.6	0	0	20.3	24.2	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)


Checked by: \_\_\_\_\_  
 (RSO)

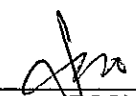
### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 22-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	22-Jan-07	8:15	Fine	79.6	0	0	20.3	17.2	Ground
Portion 5	22-Jan-07	8:16	Fine	79.6	0	0	20.3	17.2	3m depth
Portion 5	22-Jan-07	8:17	Fine	79.5	0	0	20.4	17.2	6m depth
Portion 4	22-Jan-07	8:18	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	22-Jan-07	8:20	Fine	79.5	0	0	20.4	17.2	4m depth
Portion 7	22-Jan-07	8:21	Fine	79.6	0	0	20.3	17.2	3m depth
Portion 7	22-Jan-07	8:22	Fine	79.6	0	0	20.3	17.2	2.5m depth
Portion 7	22-Jan-07	8:23	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	22-Jan-07	8:24	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	22-Jan-07	8:25	Fine	79.6	0	0	20.3	17.2	2m depth
Portion 6	22-Jan-07	8:26	Fine	79.6	0	0	20.3	17.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)


### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 22-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	22-Jan-07	12:21	Fine	79.6	0	0	20.3	23.4	Ground
Portion 5	22-Jan-07	12:22	Fine	79.5	0	0	20.4	23.4	3m depth
Portion 5	22-Jan-07	12:23	Fine	79.6	0	0	20.3	23.4	6m depth
Portion 4	22-Jan-07	12:24	Fine	79.6	0	0	20.3	23.4	4m depth
Portion 7	22-Jan-07	12:26	Fine	79.6	0	0	20.3	23.4	4m depth
Portion 7	22-Jan-07	12:27	Fine	79.6	0	0	20.3	23.4	3m depth
Portion 7	22-Jan-07	12:28	Fine	79.6	0	0	20.3	23.4	2.5m depth
Portion 7	22-Jan-07	12:29	Fine	79.6	0	0	20.3	23.4	4m depth
Portion 7	22-Jan-07	12:30	Fine	79.6	0	0	20.3	23.4	4m depth
Portion 7	22-Jan-07	12:31	Fine	79.6	0	0	20.3	23.4	2m depth
Portion 6	22-Jan-07	12:32	Fine	79.6	0	0	20.3	23.4	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 23-Jan-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	23-Jan-07	8:15	Fine	79.6	0	0	20.3	17.2	Ground
Portion 5	23-Jan-07	8:16	Fine	79.6	0	0	20.3	17.2	3m depth
Portion 5	23-Jan-07	8:17	Fine	79.6	0	0	20.3	17.2	6m depth
Portion 4	23-Jan-07	8:18	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	23-Jan-07	8:20	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	23-Jan-07	8:21	Fine	79.6	0	0	20.3	17.2	3m depth
Portion 7	23-Jan-07	8:22	Fine	79.6	0	0	20.3	17.2	2.5m depth
Portion 7	23-Jan-07	8:23	Fine	79.6	0	0	20.3	17.2	4m depth
Portion 7	23-Jan-07	8:24	Fine	79.5	0	0	20.4	17.2	4m depth
Portion 7	23-Jan-07	8:25	Fine	79.6	0	0	20.3	17.2	2m depth
Portion 6	23-Jan-07	8:26	Fine	79.6	0	0	20.3	17.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 23-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	23-Jan-07	12:21	Fine	79.6	0	0	20.3	24.6	Ground
Portion 5	23-Jan-07	12:22	Fine	79.6	0	0	20.3	24.6	3m depth
Portion 5	23-Jan-07	12:23	Fine	79.6	0	0	20.3	24.6	6m depth
Portion 4	23-Jan-07	12:24	Fine	79.6	0	0	20.3	24.6	4m depth
Portion 7	23-Jan-07	12:26	Fine	79.6	0	0	20.3	24.6	4m depth
Portion 7	23-Jan-07	12:27	Fine	79.5	0	0	20.4	24.6	3m depth
Portion 7	23-Jan-07	12:28	Fine	79.6	0	0	20.3	24.6	2.5m depth
Portion 7	23-Jan-07	12:29	Fine	79.6	0	0	20.3	24.6	4m depth
Portion 7	23-Jan-07	12:30	Fine	79.5	0	0	20.4	24.6	4m depth
Portion 7	23-Jan-07	12:31	Fine	79.6	0	0	20.3	24.6	2m depth
Portion 6	23-Jan-07	12:32	Fine	79.6	0	0	20.3	24.6	2m depth

Field Technician: SA  
 (Sub-Agent / Supervisor)

Checked by: [Signature]  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 24-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	24-Jan-07	8:15	Fine	79.5	0	0	20.4	16.9	Ground
Portion 5	24-Jan-07	8:16	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 5	24-Jan-07	8:17	Fine	79.6	0	0	20.3	16.9	6m depth
Portion 4	24-Jan-07	8:18	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	24-Jan-07	8:20	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	24-Jan-07	8:21	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 7	24-Jan-07	8:22	Fine	79.6	0	0	20.3	16.9	2.5m depth
Portion 7	24-Jan-07	8:23	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	24-Jan-07	8:24	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	24-Jan-07	8:25	Fine	79.5	0	0	20.4	16.9	2m depth
Portion 6	24-Jan-07	8:26	Fine	79.6	0	0	20.3	16.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
Date of Measurement: 24-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	24-Jan-07	12:21	Fine	79.5	0	0	20.4	23.1	Ground
Portion 5	24-Jan-07	12:22	Fine	79.5	0	0	20.4	23.1	3m depth
Portion 5	24-Jan-07	12:23	Fine	79.6	0	0	20.3	23.1	6m depth
Portion 4	24-Jan-07	12:24	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	24-Jan-07	12:26	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	24-Jan-07	12:27	Fine	79.6	0	0	20.3	23.1	3m depth
Portion 7	24-Jan-07	12:28	Fine	79.6	0	0	20.3	23.1	2.5m depth
Portion 7	24-Jan-07	12:29	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	24-Jan-07	12:30	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	24-Jan-07	12:31	Fine	79.6	0	0	20.3	23.1	2m depth
Portion 6	24-Jan-07	12:32	Fine	79.6	0	0	20.3	23.1	2m depth

Field Technician: \_\_\_\_\_  
(Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
(RSC)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 25-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	25-Jan-07	8:15	Fine	79.6	0	0	20.3	13.5	Ground
Portion 5	25-Jan-07	8:16	Fine	79.6	0	0	20.3	13.5	3m depth
Portion 5	25-Jan-07	8:17	Fine	79.6	0	0	20.3	13.5	6m depth
Portion 4	25-Jan-07	8:18	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	25-Jan-07	8:20	Fine	79.5	0	0	20.4	13.5	4m depth
Portion 7	25-Jan-07	8:21	Fine	79.6	0	0	20.3	13.5	3m depth
Portion 7	25-Jan-07	8:22	Fine	79.6	0	0	20.3	13.5	2.5m depth
Portion 7	25-Jan-07	8:23	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	25-Jan-07	8:24	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	25-Jan-07	8:25	Fine	79.5	0	0	20.4	13.5	2m depth
Portion 6	25-Jan-07	8:26	Fine	79.6	0	0	20.3	13.5	2m depth

Field Technician: \_\_\_\_\_  
 (Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)





**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 25-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	25-Jan-07	12:21	Fine	79.6	0	0	20.3	18.2	Ground
Portion 5	25-Jan-07	12:22	Fine	79.5	0	0	20.4	18.2	3m depth
Portion 5	25-Jan-07	12:23	Fine	79.6	0	0	20.3	18.2	6m depth
Portion 4	25-Jan-07	12:24	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	25-Jan-07	12:26	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	25-Jan-07	12:27	Fine	79.5	0	0	20.4	18.2	3m depth
Portion 7	25-Jan-07	12:28	Fine	79.6	0	0	20.3	18.2	2.5m depth
Portion 7	25-Jan-07	12:29	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	25-Jan-07	12:30	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	25-Jan-07	12:31	Fine	79.6	0	0	20.3	18.2	2m depth
Portion 6	25-Jan-07	12:32	Fine	79.6	0	0	20.3	18.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 26-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	26-Jan-07	8:15	Fine	79.6	0	0	20.3	12.4	Ground
Portion 5	26-Jan-07	8:16	Fine	79.6	0	0	20.3	12.4	3m depth
Portion 5	26-Jan-07	8:17	Fine	79.6	0	0	20.3	12.4	6m depth
Portion 4	26-Jan-07	8:18	Fine	79.6	0	0	20.3	12.4	4m depth
Portion 7	26-Jan-07	8:20	Fine	79.5	0	0	20.4	12.4	4m depth
Portion 7	26-Jan-07	8:21	Fine	79.5	0	0	20.4	12.4	3m depth
Portion 7	26-Jan-07	8:22	Fine	79.6	0	0	20.3	12.4	2.5m depth
Portion 7	26-Jan-07	8:23	Fine	79.5	0	0	20.4	12.4	4m depth
Portion 7	26-Jan-07	8:24	Fine	79.6	0	0	20.3	12.4	4m depth
Portion 7	26-Jan-07	8:25	Fine	79.6	0	0	20.3	12.4	2m depth
Portion 6	26-Jan-07	8:26	Fine	79.6	0	0	20.3	12.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

FAX

# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

26-Jan-07

For Ms. Gigi Ho  
From: Edwin Ng  
(Maeda)

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes					Temp (°C)	Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
M1	26-Jan-07	11:00	Fine	79.5	0	0	20.4	16.2	
M3	26-Jan-07	11:02	Fine	79.5	0	0	20.4	16.2	

26. JAN. 2007 17:41 MAEDA CORP 26694373  
To: Edwin Ng

Field Technician:

*[Signature]*  
(Sub-Agent / Supervisor)

Checked by:

*[Signature]*  
(RSO)

*[Signature]*  
Hyder Consulting Limited  
Date received: 27 JAN 2007  
Reg no. 3007-43  
Div/Dep: *[Initials]*  
Manager: *[Initials]*  
Date received in Div/Dep:  
For Action: For Info: Sign: Date:  
Copy to:  
Rept. date:  
File ref:

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 26-Jan-07

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	26-Jan-07	12:21	Fine	79.6	0	0	20.3	17.9	Ground
Portion 5	26-Jan-07	12:22	Fine	79.5	0	0	20.4	17.9	3m depth
Portion 5	26-Jan-07	12:23	Fine	79.6	0	0	20.3	17.9	6m depth
Portion 4	26-Jan-07	12:24	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	26-Jan-07	12:26	Fine	79.8	0	0	20.3	17.9	4m depth
Portion 7	26-Jan-07	12:27	Fine	79.5	0	0	20.4	17.9	3m depth
Portion 7	26-Jan-07	12:28	Fine	79.6	0	0	20.3	17.9	2.5m depth
Portion 7	26-Jan-07	12:29	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	26-Jan-07	12:30	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	26-Jan-07	12:31	Fine	79.6	0	0	20.3	17.9	2m depth
Portion 6	26-Jan-07	12:32	Fine	79.6	0	0	20.3	17.9	2m depth

Field Technician:

RA  
 (Sub-Agent / Supervisor)

Checked by:

gfw  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 27-Jan-07

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes					Temp (°C)	Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
Portion 5	27-Jan-07	8:15	Fine	79.6	0	0	20.3	13.5	Ground
Portion 5	27-Jan-07	8:16	Fine	79.6	0	0	20.3	13.5	3m depth
Portion 5	27-Jan-07	8:17	Fine	79.5	0	0	20.4	13.5	6m depth
Portion 4	27-Jan-07	8:18	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	27-Jan-07	8:20	Fine	79.5	0	0	20.4	13.5	4m depth
Portion 7	27-Jan-07	8:21	Fine	79.5	0	0	20.4	13.5	3m depth
Portion 7	27-Jan-07	8:22	Fine	79.6	0	0	20.3	13.5	2.5m depth
Portion 7	27-Jan-07	8:23	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	27-Jan-07	8:24	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	27-Jan-07	8:25	Fine	79.6	0	0	20.3	13.5	2m depth
Portion 6	27-Jan-07	8:26	Fine	79.6	0	0	20.3	13.5	2m depth

Field Technician: RA  
 (Sub-Agent / Supervisor)

Checked by: [Signature]  
 (RSO)

06730000

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
Date of Measurement: 27-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	27-Jan-07	12:21	Fine	79.6	0	0	20.3	18.2	Ground
Portion 5	27-Jan-07	12:22	Fine	79.5	0	0	20.4	18.2	3m depth
Portion 5	27-Jan-07	12:23	Fine	79.6	0	0	20.3	18.2	6m depth
Portion 4	27-Jan-07	12:24	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	27-Jan-07	12:26	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	27-Jan-07	12:27	Fine	79.5	0	0	20.4	18.2	3m depth
Portion 7	27-Jan-07	12:28	Fine	79.6	0	0	20.3	18.2	2.5m depth
Portion 7	27-Jan-07	12:29	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	27-Jan-07	12:30	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	27-Jan-07	12:31	Fine	79.6	0	0	20.3	18.2	2m depth
Portion 6	27-Jan-07	12:32	Fine	79.6	0	0	20.3	18.2	2m depth

Field Technician: SA  
(Sub-Agent / Supervisor)

Checked by: [Signature]  
(RSO)

Landfill Gas Monitoring - Measurement Recording Sheet

Name of site: Ngong Kok Road Pumping Station No.5  
 Date of Measurement: 22 Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Weather condition	Perimeter on-site and/or off-site monitoring holes					Remark
				Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	22 Jan-07	15	Fine	79.6	0	0	20.3	12.8	Ground
Portion 5	22 Jan-07	16	Fine	79.6	0	0	20.3	12.8	3m depth
Portion 5	22 Jan-07	17	Fine	79.5	0	0	20.4	12.8	6m depth
Portion 4	22 Jan-07	18	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	22 Jan-07	20	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	22 Jan-07	21	Fine	79.5	0	0	20.4	12.8	3m depth
Portion 7	22 Jan-07	22	Fine	79.6	0	0	20.3	12.8	2.5m depth
Portion 7	22 Jan-07	23	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	22 Jan-07	24	Fine	79.5	0	0	20.4	12.8	4m depth
Portion 7	22 Jan-07	25	Fine	79.6	0	0	20.3	12.8	2m depth
Portion 6	22 Jan-07	26	Fine	79.5	0	0	20.4	12.8	2m depth

Field Technician: [Signature]  
 (Site Agent / Supervisor)

Checked by: [Signature]  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 28-Jan-07

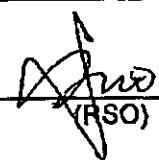
Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	28-Jan-07	12:21	Fine	79.6	0	0	20.3	18.4	Ground
Portion 5	28-Jan-07	12:22	Fine	79.6	0	0	20.3	18.4	3m depth
Portion 5	28-Jan-07	12:23	Fine	79.6	0	0	20.3	18.4	6m depth
Portion 4	28-Jan-07	12:24	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	28-Jan-07	12:26	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	28-Jan-07	12:27	Fine	79.6	0	0	20.3	18.4	3m depth
Portion 7	28-Jan-07	12:28	Fine	79.6	0	0	20.3	18.4	2.5m depth
Portion 7	28-Jan-07	12:29	Fine	79.5	0	0	20.4	18.4	4m depth
Portion 7	28-Jan-07	12:30	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	28-Jan-07	12:31	Fine	79.6	0	0	20.3	18.4	2m depth
Portion 6	28-Jan-07	12:32	Fine	79.5	0	0	20.4	18.4	2m depth

Field Technician:

  
 (Sub-Agent/Supervisor)

Checked by:

  
 (RSO)



### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
Date of measurement: 29-Jan-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	29-Jan-07	8:15	Fine	79.6	0	0	20.3	11.2	Ground
Portion 5	29-Jan-07	8:16	Fine	79.6	0	0	20.3	11.2	3m depth
Portion 5	29-Jan-07	8:17	Fine	79.5	0	0	20.4	11.2	6m depth
Portion 4	29-Jan-07	8:18	Fine	79.8	0	0	20.3	11.2	4m depth
Portion 7	29-Jan-07	8:20	Fine	79.5	0	0	20.4	11.2	4m depth
Portion 7	29-Jan-07	8:21	Fine	79.6	0	0	20.3	11.2	3m depth
Portion 7	29-Jan-07	8:22	Fine	79.6	0	0	20.3	11.2	2.5m depth
Portion 7	29-Jan-07	8:23	Fine	79.6	0	0	20.3	11.2	4m depth
Portion 7	29-Jan-07	8:24	Fine	79.6	0	0	20.3	11.2	4m depth
Portion 7	29-Jan-07	8:25	Fine	79.6	0	0	20.3	11.2	2m depth
Portion 6	29-Jan-07	8:26	Fine	79.6	0	0	20.3	11.2	2m depth

Field Technician: \_\_\_\_\_  
(Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
(ASD)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: **Ting Kok Road Pumping Station No.5**  
 Date of Measurement: **29-Jan-07**

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	29-Jan-07	12:21	Fine	79.6	0	0	20.3	18.7	Ground
Portion 5	29-Jan-07	12:22	Fine	79.6	0	0	20.3	18.7	3m depth
Portion 5	29-Jan-07	12:23	Fine	79.5	0	0	20.4	18.7	6m depth
Portion 4	29-Jan-07	12:24	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	29-Jan-07	12:26	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	29-Jan-07	12:27	Fine	79.5	0	0	20.4	18.7	3m depth
Portion 7	29-Jan-07	12:28	Fine	79.6	0	0	20.3	18.7	2.5m depth
Portion 7	29-Jan-07	12:29	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	29-Jan-07	12:30	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	29-Jan-07	12:31	Fine	79.6	0	0	20.3	18.7	2m depth
Portion 6	29-Jan-07	12:32	Fine	79.6	0	0	20.3	18.7	2m depth

Field Technician:

\_\_\_\_\_   
 (Sub-Agent / Supervisor)

Checked by:

\_\_\_\_\_   
 (RBO)

26738999

1 1 07

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 30-Jan-07

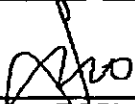
Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	30-Jan-07	8:15	Fine	79.6	0	0	20.3	12.8	Ground
Portion 5	30-Jan-07	8:16	Fine	79.6	0	0	20.3	12.8	3m depth
Portion 5	30-Jan-07	8:17	Fine	79.5	0	0	20.4	12.8	6m depth
Portion 4	30-Jan-07	8:18	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	30-Jan-07	8:20	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	30-Jan-07	8:21	Fine	79.5	0	0	20.4	12.8	3m depth
Portion 7	30-Jan-07	8:22	Fine	79.6	0	0	20.3	12.8	2.5m depth
Portion 7	30-Jan-07	8:23	Fine	79.5	0	0	20.4	12.8	4m depth
Portion 7	30-Jan-07	8:24	Fine	79.6	0	0	20.3	12.8	4m depth
Portion 7	30-Jan-07	8:25	Fine	79.6	0	0	20.3	12.8	2m depth
Portion 6	30-Jan-07	8:26	Fine	79.6	0	0	20.3	12.8	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:


  
 (RSO)

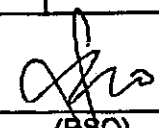
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 30-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	30-Jan-07	12:21	Fine	79.6	0	0	20.3	18.4	Ground
Portion 5	30-Jan-07	12:22	Fine	79.6	0	0	20.3	18.4	3m depth
Portion 5	30-Jan-07	12:23	Fine	79.5	0	0	20.4	18.4	6m depth
Portion 4	30-Jan-07	12:24	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	30-Jan-07	12:26	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	30-Jan-07	12:27	Fine	79.6	0	0	20.3	18.4	3m depth
Portion 7	30-Jan-07	12:28	Fine	79.6	0	0	20.3	18.4	2.5m depth
Portion 7	30-Jan-07	12:29	Fine	79.5	0	0	20.4	18.4	4m depth
Portion 7	30-Jan-07	12:30	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	30-Jan-07	12:31	Fine	79.6	0	0	20.3	18.4	2m depth
Portion 6	30-Jan-07	12:32	Fine	79.6	0	0	20.3	18.4	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 31-Jan-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	31-Jan-07	8:15	Fine	79.6	0	0	20.3	13.5	Ground
Portion 5	31-Jan-07	8:16	Fine	79.6	0	0	20.3	13.5	3m depth
Portion 5	31-Jan-07	8:17	Fine	79.6	0	0	20.3	13.5	6m depth
Portion 4	31-Jan-07	8:18	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	31-Jan-07	8:20	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	31-Jan-07	8:21	Fine	79.6	0	0	20.3	13.5	3m depth
Portion 7	31-Jan-07	8:22	Fine	79.6	0	0	20.3	13.5	2.5m depth
Portion 7	31-Jan-07	8:23	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	31-Jan-07	8:24	Fine	79.6	0	0	20.3	13.5	4m depth
Portion 7	31-Jan-07	8:25	Fine	79.6	0	0	20.3	13.5	2m depth
Portion 6	31-Jan-07	8:26	Fine	79.5	0	0	20.4	13.5	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSD)

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
Date of Measurement: 31-Jan-07

Sampling equipment used:	Dates calibrated:
GA 2000	22/08/2006

To: Ms. Gigi Ho (Hyder)  
From: Mr. Eddie Ng (Uneda)  
Total 13 pages

MAA

Sample Location	Date of Measurement	Time of Sampling	Weather condition	Perimeter on-site and/or off-site monitoring holes					Remark
				Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	31-Jan-07	12:21	Fine	79.6	0	0	20.3	19	Ground
Portion 5	31-Jan-07	12:22	Fine	79.6	0	0	20.3	19	3m depth
Portion 5	31-Jan-07	12:23	Fine	79.6	0	0	20.3	19	6m depth
Portion 4	31-Jan-07	12:24	Fine	79.6	0	0	20.3	19	4m depth
Portion 7	31-Jan-07	12:26	Fine	79.6	0	0	20.3	19	4m depth
Portion 7	31-Jan-07	12:27	Fine	79.6	0	0	20.3	19	3m depth
Portion 7	31-Jan-07	12:28	Fine	79.6	0	0	20.3	19	2.5m depth
Portion 7	31-Jan-07	12:29	Fine	79.6	0	0	20.3	19	4m depth
Portion 7	31-Jan-07	12:30	Fine	79.5	0	0	20.4	19	4m depth
Portion 7	31-Jan-07	12:31	Fine	79.5	0	0	20.4	19	2m depth
Portion 7	31-Jan-07	12:31	Fine	79.5	0	0	20.4	19	2m depth
Portion 6	31-Jan-07	12:32	Fine	79.6	0	0	20.3	19	2m depth

Hyder  
**Hyder Consulting Limited**  
Date received: FEB 2007  
Rep no: 2007-5015  
Div/Dep: ENV  
Manager: Gw  
Date received at Div/Dep:

Field Technician: \_\_\_\_\_  
(Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_ (ISO)

For Action	For Info	Sign	Date

Copy to: \_\_\_\_\_  
Reply date: \_\_\_\_\_  
File ref: \_\_\_\_\_


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 1-Feb-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	1-Feb-07	8:15	Fine	79.6	0	0	20.3	14.2	Ground
Portion 5	1-Feb-07	8:16	Fine	79.6	0	0	20.3	14.2	3m depth
Portion 5	1-Feb-07	8:17	Fine	79.6	0	0	20.3	14.2	6m depth
Portion 4	1-Feb-07	8:18	Fine	79.6	0	0	20.3	14.2	4m depth
Portion 7	1-Feb-07	8:20	Fine	79.5	0	0	20.4	14.2	4m depth
Portion 7	1-Feb-07	8:21	Fine	79.5	0	0	20.4	14.2	3m depth
Portion 7	1-Feb-07	8:22	Fine	79.6	0	0	20.3	14.2	2.5m depth
Portion 7	1-Feb-07	8:23	Fine	79.6	0	0	20.3	14.2	4m depth
Portion 7	1-Feb-07	8:24	Fine	79.6	0	0	20.3	14.2	4m depth
Portion 7	1-Feb-07	8:25	Fine	79.6	0	0	20.3	14.2	2m depth
Portion 6	1-Feb-07	8:26	Fine	79.6	0	0	20.3	14.2	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 1-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	1-Feb-07	12:21	Fine	79.5	0	0	20.4	21.5	Ground
Portion 5	1-Feb-07	12:22	Fine	79.6	0	0	20.3	21.5	3m depth
Portion 5	1-Feb-07	12:23	Fine	79.6	0	0	20.3	21.5	6m depth
Portion 4	1-Feb-07	12:24	Fine	79.6	0	0	20.3	21.5	4m depth
Portion 7	1-Feb-07	12:26	Fine	79.6	0	0	20.3	21.5	4m depth
Portion 7	1-Feb-07	12:27	Fine	79.6	0	0	20.3	21.5	3m depth
Portion 7	1-Feb-07	12:28	Fine	79.6	0	0	20.3	21.5	2.5m depth
Portion 7	1-Feb-07	12:29	Fine	79.6	0	0	20.3	21.5	4m depth
Portion 7	1-Feb-07	12:30	Fine	79.6	0	0	20.3	21.5	4m depth
Portion 7	1-Feb-07	12:31	Fine	79.6	0	0	20.3	21.5	2m depth
Portion 8	1-Feb-07	12:32	Fine	79.6	0	0	20.3	21.5	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)




**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 2-Feb-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	2-Feb-07	8:15	Fine	79.6	0	0	20.3	14.6	Ground
Portion 5	2-Feb-07	8:16	Fine	79.6	0	0	20.3	14.6	3m depth
Portion 5	2-Feb-07	8:17	Fine	79.6	0	0	20.3	14.6	6m depth
Portion 4	2-Feb-07	8:18	Fine	79.5	0	0	20.4	14.6	4m depth
Portion 7	2-Feb-07	8:20	Fine	79.6	0	0	20.3	14.6	4m depth
Portion 7	2-Feb-07	8:21	Fine	79.6	0	0	20.3	14.6	3m depth
Portion 7	2-Feb-07	8:22	Fine	79.5	0	0	20.4	14.6	2.5m depth
Portion 7	2-Feb-07	8:23	Fine	79.6	0	0	20.3	14.6	4m depth
Portion 7	2-Feb-07	8:24	Fine	79.6	0	0	20.3	14.6	4m depth
Portion 7	2-Feb-07	8:25	Fine	79.6	0	0	20.3	14.6	2m depth
Portion 6	2-Feb-07	8:26	Fine	79.6	0	0	20.3	14.6	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

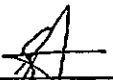
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 2-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	2-Feb-07	12:21	Fine	79.6	0	0	20.3	23.8	Ground
Portion 5	2-Feb-07	12:22	Fine	79.6	0	0	20.3	23.8	3m depth
Portion 5	2-Feb-07	12:23	Fine	79.6	0	0	20.3	23.8	6m depth
Portion 4	2-Feb-07	12:24	Fine	79.6	0	0	20.3	23.8	4m depth
Portion 7	2-Feb-07	12:26	Fine	79.6	0	0	20.3	23.8	4m depth
Portion 7	2-Feb-07	12:27	Fine	79.6	0	0	20.3	23.8	3m depth
Portion 7	2-Feb-07	12:28	Fine	79.5	0	0	20.4	23.8	2.5m depth
Portion 7	2-Feb-07	12:29	Fine	79.6	0	0	20.3	23.8	4m depth
Portion 7	2-Feb-07	12:30	Fine	79.5	0	0	20.4	23.8	4m depth
Portion 7	2-Feb-07	12:31	Fine	79.6	0	0	20.3	23.8	2m depth
Portion 6	2-Feb-07	12:32	Fine	79.6	0	0	20.3	23.8	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

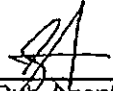
  
 (RSD)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 3-Feb-07

Sampling equipment used:	Dates calibrated
<u>GA 2000</u>	<u>22/08/2006</u>

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	3-Feb-07	8:15	Fine	79.6	0	0	20.3	13.4	Ground
Portion 5	3-Feb-07	8:16	Fine	79.6	0	0	20.3	13.4	3m depth
Portion 5	3-Feb-07	8:17	Fine	79.6	0	0	20.3	13.4	6m depth
Portion 4	3-Feb-07	8:18	Fine	79.6	0	0	20.3	13.4	4m depth
Portion 7	3-Feb-07	8:20	Fine	79.8	0	0	20.3	13.4	4m depth
Portion 7	3-Feb-07	8:21	Fine	79.6	0	0	20.3	13.4	3m depth
Portion 7	3-Feb-07	8:22	Fine	79.7	0	0	20.2	13.4	2.5m depth
Portion 7	3-Feb-07	8:23	Fine	79.5	0	0	20.4	13.4	4m depth
Portion 7	3-Feb-07	8:24	Fine	79.6	0	0	20.3	13.4	4m depth
Portion 7	3-Feb-07	8:25	Fine	79.5	0	0	20.4	13.4	2m depth
Portion 6	3-Feb-07	8:26	Fine	79.6	0	0	20.3	13.4	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 3-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	3-Feb-07	12:21	Fine	79.6	0	0	20.3	23.6	Ground
Portion 5	3-Feb-07	12:22	Fine	79.6	0	0	20.3	23.6	3m depth
Portion 5	3-Feb-07	12:23	Fine	79.6	0	0	20.3	23.6	6m depth
Portion 4	3-Feb-07	12:24	Fine	79.5	0	0	20.4	23.6	4m depth
Portion 7	3-Feb-07	12:26	Fine	79.5	0	0	20.4	23.6	4m depth
Portion 7	3-Feb-07	12:27	Fine	79.6	0	0	20.3	23.6	3m depth
Portion 7	3-Feb-07	12:28	Fine	79.6	0	0	20.3	23.6	2.5m depth
Portion 7	3-Feb-07	12:29	Fine	79.6	0	0	20.3	23.6	4m depth
Portion 7	3-Feb-07	12:30	Fine	79.6	0	0	20.3	23.6	4m depth
Portion 7	3-Feb-07	12:31	Fine	79.6	0	0	20.3	23.6	2m depth
Portion 6	3-Feb-07	12:32	Fine	79.6	0	0	20.3	23.6	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSD)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 4-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	4-Feb-07	8:15	Fine	79.6	0	0	20.3	14.5	Ground
Portion 5	4-Feb-07	8:16	Fine	79.8	0	0	20.3	14.5	3m depth
Portion 5	4-Feb-07	8:17	Fine	79.6	0	0	20.3	14.5	6m depth
Portion 4	4-Feb-07	8:18	Fine	79.6	0	0	20.3	14.5	4m depth
Portion 7	4-Feb-07	8:20	Fine	79.6	0	0	20.3	14.5	4m depth
Portion 7	4-Feb-07	8:21	Fine	79.6	0	0	20.3	14.5	3m depth
Portion 7	4-Feb-07	8:22	Fine	79.6	0	0	20.3	14.5	2.5m depth
Portion 7	4-Feb-07	8:23	Fine	79.5	0	0	20.4	14.5	4m depth
Portion 7	4-Feb-07	8:24	Fine	79.6	0	0	20.3	14.5	4m depth
Portion 7	4-Feb-07	8:25	Fine	79.6	0	0	20.3	14.5	2m depth
Portion 6	4-Feb-07	8:28	Fine	79.6	0	0	20.3	14.5	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)


Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 4-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	4-Feb-07	12:21	Fine	79.6	0	0	20.3	22.8	Ground
Portion 5	4-Feb-07	12:22	Fine	79.6	0	0	20.3	22.8	3m depth
Portion 5	4-Feb-07	12:23	Fine	79.6	0	0	20.3	22.8	6m depth
Portion 4	4-Feb-07	12:24	Fine	79.8	0	0	20.3	22.8	4m depth
Portion 7	4-Feb-07	12:26	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	4-Feb-07	12:27	Fine	79.8	0	0	20.3	22.8	3m depth
Portion 7	4-Feb-07	12:28	Fine	79.8	0	0	20.3	22.8	2.5m depth
Portion 7	4-Feb-07	12:29	Fine	79.5	0	0	20.4	22.8	4m depth
Portion 7	4-Feb-07	12:30	Fine	79.5	0	0	20.4	22.8	4m depth
Portion 7	4-Feb-07	12:31	Fine	79.6	0	0	20.3	22.8	2m depth
Portion 6	4-Feb-07	12:32	Fine	79.6	0	0	20.3	22.8	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (TRSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 5-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2008

Sample Location	Date of Measurement	Samping Time	Weather condition	Perimeter on-site and/or off-site monitoring holes					Remark
				Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	5-Feb-07	8:15	Fine	79.5	0	0	20.4	15.2	Ground
Portion 5	5-Feb-07	8:16	Fine	79.6	0	0	20.3	15.2	3m depth
Portion 5	5-Feb-07	8:17	Fine	79.6	0	0	20.3	15.2	6m depth
Portion 4	5-Feb-07	8:18	Fine	79.6	0	0	20.3	15.2	4m depth
Portion 7	5-Feb-07	8:20	Fine	79.6	0	0	20.3	15.2	4m depth
Portion 7	5-Feb-07	8:21	Fine	79.6	0	0	20.3	15.2	3m depth
Portion 7	5-Feb-07	8:22	Fine	79.6	0	0	20.3	15.2	2.5m depth
Portion 7	5-Feb-07	8:23	Fine	79.5	0	0	20.4	15.2	4m depth
Portion 7	5-Feb-07	8:24	Fine	79.5	0	0	20.4	15.2	4m depth
Portion 7	5-Feb-07	8:25	Fine	79.5	0	0	20.4	15.2	2m depth
Portion 6	5-Feb-07	8:28	Fine	79.6	0	0	20.3	15.2	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSC)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: **Ting Kok Road Pumping Station No.5**  
 Date of Measurement: **5-Feb-07**

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	5-Feb-07	12:21	Fine	79.6	0	0	20.3	23.9	Ground
Portion 5	5-Feb-07	12:22	Fine	79.5	0	0	20.4	23.9	3m depth
Portion 5	5-Feb-07	12:23	Fine	79.6	0	0	20.3	23.9	6m depth
Portion 4	5-Feb-07	12:24	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	5-Feb-07	12:26	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	5-Feb-07	12:27	Fine	79.6	0	0	20.3	23.9	3m depth
Portion 7	5-Feb-07	12:28	Fine	79.6	0	0	20.3	23.9	2.5m depth
Portion 7	5-Feb-07	12:29	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	5-Feb-07	12:30	Fine	79.5	0	0	20.4	23.9	4m depth
Portion 7	5-Feb-07	12:31	Fine	79.5	0	0	20.4	23.9	2m depth
Portion 6	5-Feb-07	12:32	Fine	79.6	0	0	20.3	23.9	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)



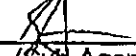


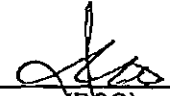
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 6-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	6-Feb-07	12:21	Fine	79.6	0	0	20.3	24.1	Ground
Portion 5	6-Feb-07	12:22	Fine	79.5	0	0	20.4	24.1	3m depth
Portion 5	6-Feb-07	12:23	Fine	79.6	0	0	20.3	24.1	6m depth
Portion 4	6-Feb-07	12:24	Fine	79.5	0	0	20.4	24.1	4m depth
Portion 7	6-Feb-07	12:26	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	6-Feb-07	12:27	Fine	79.6	0	0	20.3	24.1	3m depth
Portion 7	6-Feb-07	12:28	Fine	79.6	0	0	20.3	24.1	2.5m depth
Portion 7	6-Feb-07	12:29	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	6-Feb-07	12:30	Fine	79.6	0	0	20.3	24.1	4m depth
Portion 7	6-Feb-07	12:31	Fine	79.6	0	0	20.3	24.1	2m depth
Portion 6	6-Feb-07	12:32	Fine	79.6	0	0	20.3	24.1	2m depth

Field Technician:   
 (Sub-Agent/Supervisor)

Checked by:   
 (RSO)

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 7-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	7-Feb-07	8:15	Fine	79.6	0	0	20.3	19.4	Ground
Portion 5	7-Feb-07	8:16	Fine	79.6	0	0	20.3	19.4	3m depth
Portion 5	7-Feb-07	8:17	Fine	79.6	0	0	20.3	19.4	6m depth
Portion 4	7-Feb-07	8:18	Fine	79.6	0	0	20.3	19.4	4m depth
Portion 7	7-Feb-07	8:20	Fine	79.6	0	0	20.3	19.4	4m depth
Portion 7	7-Feb-07	8:21	Fine	79.6	0	0	20.3	19.4	3m depth
Portion 7	7-Feb-07	8:22	Fine	79.8	0	0	20.3	19.4	2.5m depth
Portion 7	7-Feb-07	8:23	Fine	79.6	0	0	20.3	19.4	4m depth
Portion 7	7-Feb-07	8:24	Fine	79.8	0	0	20.3	19.4	4m depth
Portion 7	7-Feb-07	8:25	Fine	79.6	0	0	20.3	19.4	2m depth
Portion 6	7-Feb-07	8:26	Fine	78.5	0	0	20.4	19.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 7-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	7-Feb-07	12:21	Fine	79.6	0	0	20.3	24.3	Ground
Portion 5	7-Feb-07	12:22	Fine	79.6	0	0	20.3	24.3	3m depth
Portion 5	7-Feb-07	12:23	Fine	79.6	0	0	20.3	24.3	6m depth
Portion 4	7-Feb-07	12:24	Fine	79.5	0	0	20.4	24.3	4m depth
Portion 7	7-Feb-07	12:26	Fine	79.6	0	0	20.3	24.3	4m depth
Portion 7	7-Feb-07	12:27	Fine	79.6	0	0	20.3	24.3	3m depth
Portion 7	7-Feb-07	12:28	Fine	79.5	0	0	20.4	24.3	2.5m depth
Portion 7	7-Feb-07	12:29	Fine	79.6	0	0	20.3	24.3	4m depth
Portion 7	7-Feb-07	12:30	Fine	79.6	0	0	20.3	24.3	4m depth
Portion 7	7-Feb-07	12:31	Fine	79.6	0	0	20.3	24.3	2m depth
Portion 6	7-Feb-07	12:32	Fine	79.6	0	0	20.3	24.3	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)


Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 8-Feb-07

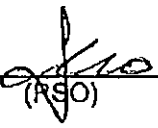
Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	8-Feb-07	8:15	Fine	79.6	0	0	20.3	20.4	Ground
Portion 5	8-Feb-07	8:16	Fine	79.5	0	0	20.4	20.4	3m depth
Portion 5	8-Feb-07	8:17	Fine	79.6	0	0	20.3	20.4	6m depth
Portion 4	8-Feb-07	8:18	Fine	79.6	0	0	20.9	20.4	4m depth
Portion 7	8-Feb-07	8:20	Fine	79.6	0	0	20.3	20.4	4m depth
Portion 7	8-Feb-07	8:21	Fine	79.6	0	0	20.3	20.4	3m depth
Portion 7	8-Feb-07	8:22	Fine	79.6	0	0	20.3	20.4	2.5m depth
Portion 7	8-Feb-07	8:23	Fine	79.6	0	0	20.3	20.4	4m depth
Portion 7	8-Feb-07	8:24	Fine	79.6	0	0	20.3	20.4	4m depth
Portion 7	8-Feb-07	8:25	Fine	79.6	0	0	20.3	20.4	2m depth
Portion 6	8-Feb-07	8:26	Fine	79.6	0	0	20.3	20.4	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 8-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	8-Feb-07	12:21	Fine	79.6	0	0	20.3	25.9	Ground
Portion 5	8-Feb-07	12:22	Fine	79.6	0	0	20.3	25.9	3m depth
Portion 5	8-Feb-07	12:23	Fine	79.6	0	0	20.3	25.9	6m depth
Portion 4	8-Feb-07	12:24	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	8-Feb-07	12:26	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	8-Feb-07	12:27	Fine	79.6	0	0	20.3	25.9	3m depth
Portion 7	8-Feb-07	12:28	Fine	79.6	0	0	20.3	25.9	2.5m depth
Portion 7	8-Feb-07	12:29	Fine	79.5	0	0	20.4	25.9	4m depth
Portion 7	8-Feb-07	12:30	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	8-Feb-07	12:31	Fine	79.6	0	0	20.3	25.9	2m depth
Portion 6	8-Feb-07	12:32	Fine	79.6	0	0	20.3	25.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)



Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 9-Feb-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	9-Feb-07	12:21	Fine	79.6	0	0	20.3	25.7	Ground
Portion 5	9-Feb-07	12:22	Fine	79.6	0	0	20.3	25.7	3m depth
Portion 5	9-Feb-07	12:23	Fine	79.6	0	0	20.3	25.7	6m depth
Portion 4	9-Feb-07	12:24	Fine	79.6	0	0	20.3	25.7	4m depth
Portion 7	9-Feb-07	12:26	Fine	79.6	0	0	20.3	25.7	4m depth
Portion 7	9-Feb-07	12:27	Fine	79.6	0	0	20.3	25.7	3m depth
Portion 7	9-Feb-07	12:28	Fine	79.5	0	0	20.4	25.7	2.5m depth
Portion 7	9-Feb-07	12:29	Fine	79.5	0	0	20.4	25.7	4m depth
Portion 7	9-Feb-07	12:30	Fine	79.6	0	0	20.3	25.7	4m depth
Portion 7	9-Feb-07	12:31	Fine	79.5	0	0	20.4	25.7	2m depth
Portion 6	9-Feb-07	12:32	Fine	79.6	0	0	20.3	25.7	2m depth

Field Technician: SA  
 (Sub-Agent / Supervisor)

Checked by: AKO  
 (RSP)

P. 37  
 98%  
 26738999  
 28-FEB-2007 17:03



Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 10-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	10-Feb-07	8:15	Fine	79.5	0	0	20.4	22.8	Ground
Portion 5	10-Feb-07	8:16	Fine	79.5	0	0	20.4	22.8	3m depth
Portion 5	10-Feb-07	8:17	Fine	79.6	0	0	20.3	22.8	6m depth
Portion 4	10-Feb-07	8:18	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	10-Feb-07	8:20	Fine	79.5	0	0	20.4	22.8	4m depth
Portion 7	10-Feb-07	8:21	Fine	79.6	0	0	20.3	22.8	3m depth
Portion 7	10-Feb-07	8:22	Fine	79.6	0	0	20.3	22.8	2.5m depth
Portion 7	10-Feb-07	8:23	Fine	79.8	0	0	20.3	22.8	4m depth
Portion 7	10-Feb-07	8:24	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	10-Feb-07	8:25	Fine	79.6	0	0	20.3	22.8	2m depth
Portion 6	10-Feb-07	8:28	Fine	79.6	0	0	20.3	22.8	2m depth

Field Technician: SA  
 (Sub-Agent / Supervisor)

Checked by: [Signature]  
 (RSO)








Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 12-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	12-Feb-07	8:15	Fine	79.6	0	0	20.3	23.2	Ground
Portion 5	12-Feb-07	8:16	Fine	79.6	0	0	20.3	23.2	3m depth
Portion 5	12-Feb-07	8:17	Fine	79.6	0	0	20.3	23.2	6m depth
Portion 4	12-Feb-07	8:18	Fine	79.5	0	0	20.4	23.2	4m depth
Portion 7	12-Feb-07	8:20	Fine	79.6	0	0	20.3	23.2	4m depth
Portion 7	12-Feb-07	8:21	Fine	79.6	0	0	20.3	23.2	3m depth
Portion 7	12-Feb-07	8:22	Fine	79.6	0	0	20.3	23.2	2.5m depth
Portion 7	12-Feb-07	8:23	Fine	79.6	0	0	20.3	23.2	4m depth
Portion 7	12-Feb-07	8:24	Fine	79.6	0	0	20.3	23.2	4m depth
Portion 7	12-Feb-07	8:25	Fine	79.6	0	0	20.3	23.2	2m depth
Portion 8	12-Feb-07	8:26	Fine	79.6	0	0	20.3	23.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 12-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	12-Feb-07	12:21	Fine	79.6	0	0	20.3	27.6	Ground
Portion 5	12-Feb-07	12:22	Fine	79.6	0	0	20.3	27.6	3m depth
Portion 5	12-Feb-07	12:23	Fine	79.6	0	0	20.3	27.6	6m depth
Portion 4	12-Feb-07	12:24	Fine	79.5	0	0	20.4	27.6	4m depth
Portion 7	12-Feb-07	12:26	Fine	79.6	0	0	20.3	27.6	4m depth
Portion 7	12-Feb-07	12:27	Fine	79.6	0	0	20.3	27.6	3m depth
Portion 7	12-Feb-07	12:28	Fine	79.6	0	0	20.3	27.6	2.5m depth
Portion 7	12-Feb-07	12:29	Fine	79.6	0	0	20.3	27.6	4m depth
Portion 7	12-Feb-07	12:30	Fine	79.6	0	0	20.3	27.6	4m depth
Portion 7	12-Feb-07	12:31	Fine	79.6	0	0	20.3	27.6	2m depth
Portion 6	12-Feb-07	12:32	Fine	79.6	0	0	20.3	27.6	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)




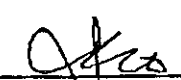
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 13-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	13-Feb-07	12:21	Fine	79.6	0	0	20.3	26.4	Ground
Portion 5	13-Feb-07	12:22	Fine	79.6	0	0	20.3	26.4	3m depth
Portion 5	13-Feb-07	12:23	Fine	79.6	0	0	20.3	26.4	6m depth
Portion 4	13-Feb-07	12:24	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	13-Feb-07	12:26	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	13-Feb-07	12:27	Fine	79.6	0	0	20.3	26.4	3m depth
Portion 7	13-Feb-07	12:28	Fine	79.6	0	0	20.3	26.4	2.5m depth
Portion 7	13-Feb-07	12:29	Fine	79.5	0	0	20.4	26.4	4m depth
Portion 7	13-Feb-07	12:30	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	13-Feb-07	12:31	Fine	79.5	0	0	20.4	26.4	2m depth
Portion 6	13-Feb-07	12:32	Fine	79.6	0	0	20.3	26.4	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)







Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 15-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	15-Feb-07	8:15	Fine	79.5	0	0	20.4	22.8	Ground
Portion 5	15-Feb-07	8:16	Fine	79.6	0	0	20.3	22.8	3m depth
Portion 5	15-Feb-07	8:17	Fine	79.6	0	0	20.3	22.8	6m depth
Portion 4	15-Feb-07	8:18	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	15-Feb-07	8:20	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	15-Feb-07	8:21	Fine	79.5	0	0	20.4	22.8	3m depth
Portion 7	15-Feb-07	8:22	Fine	79.6	0	0	20.3	22.8	2.5m depth
Portion 7	15-Feb-07	8:23	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	15-Feb-07	8:24	Fine	79.6	0	0	20.3	22.8	4m depth
Portion 7	16-Feb-07	8:25	Fine	79.8	0	0	20.3	22.8	2m depth
Portion 8	15-Feb-07	8:28	Fine	79.6	0	0	20.3	22.8	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

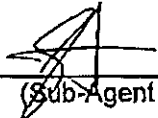
  
 (RFO)


Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 15-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2008

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	15-Feb-07	12:21	Fine	79.6	0	0	20.3	26.2	Ground
Portion 5	15-Feb-07	12:22	Fine	79.6	0	0	20.3	26.2	3m depth
Portion 5	15-Feb-07	12:23	Fine	79.6	0	0	20.3	26.2	6m depth
Portion 4	15-Feb-07	12:24	Fine	79.5	0	0	20.4	28.2	4m depth
Portion 7	15-Feb-07	12:26	Fine	79.6	0	0	20.3	26.2	4m depth
Portion 7	15-Feb-07	12:27	Fine	79.6	0	0	20.3	26.2	3m depth
Portion 7	15-Feb-07	12:28	Fine	79.6	0	0	20.3	26.2	2.5m depth
Portion 7	15-Feb-07	12:29	Fine	79.6	0	0	20.3	26.2	4m depth
Portion 7	15-Feb-07	12:30	Fine	79.7	0	0	20.2	26.2	4m depth
Portion 7	15-Feb-07	12:31	Fine	79.6	0	0	20.3	26.2	2m depth
Portion 6	15-Feb-07	12:32	Fine	79.6	0	0	20.3	26.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)







**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 17-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes					Temp (°C)	Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
Portion 6	17-Feb-07	8:15	Fine	79.6	0	0	20.3	22.2	Ground
Portion 5	17-Feb-07	8:16	Fine	79.6	0	0	20.3	22.2	3m depth
Portion 5	17-Feb-07	8:17	Fine	79.6	0	0	20.3	22.2	6m depth
Portion 4	17-Feb-07	8:18	Fine	79.5	0	0	20.4	22.2	4m depth
Portion 7	17-Feb-07	8:20	Fine	79.6	0	0	20.3	22.2	4m depth
Portion 7	17-Feb-07	8:21	Fine	79.6	0	0	20.3	22.2	3m depth
Portion 7	17-Feb-07	8:22	Fine	79.6	0	0	20.3	22.2	2.5m depth
Portion 7	17-Feb-07	8:23	Fine	79.8	0	0	20.3	22.2	4m depth
Portion 7	17-Feb-07	8:24	Fine	79.5	0	0	20.4	22.2	4m depth
Portion 7	17-Feb-07	8:25	Fine	79.6	0	0	20.3	22.2	2m depth
Portion 6	17-Feb-07	8:26	Fine	79.5	0	0	20.4	22.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSO)


### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 17-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes					Temp (°C)	Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
									Ground
Portion 5	17-Feb-07	12:21	Fine	79.6	0	0	20.3	27	3m depth
Portion 5	17-Feb-07	12:22	Fine	79.6	0	0	20.3	27	6m depth
Portion 5	17-Feb-07	12:23	Fine	79.6	0	0	20.3	27	4m depth
Portion 4	17-Feb-07	12:24	Fine	79.6	0	0	20.3	27	4m depth
Portion 7	17-Feb-07	12:26	Fine	79.6	0	0	20.3	27	3m depth
Portion 7	17-Feb-07	12:27	Fine	79.6	0	0	20.3	27	2.5m depth
Portion 7	17-Feb-07	12:28	Fine	79.6	0	0	20.4	27	4m depth
Portion 7	17-Feb-07	12:29	Fine	79.5	0	0	20.4	27	4m depth
Portion 7	17-Feb-07	12:30	Fine	79.5	0	0	20.3	27	2m depth
Portion 7	17-Feb-07	12:31	Fine	79.6	0	0	20.3	27	2m depth
Portion 6	17-Feb-07	12:32	Fine	79.6	0	0	20.3	27	

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSD)





Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.6  
 Date of Measurement: 18-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2008

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	18-Feb-07	12:21	Fine	79.5	0	0	20.4	25.8	Ground
Portion 5	18-Feb-07	12:22	Fine	79.6	0	0	20.3	25.8	3m depth
Portion 5	18-Feb-07	12:23	Fine	79.6	0	0	20.3	25.8	6m depth
Portion 4	18-Feb-07	12:24	Fine	79.5	0	0	20.4	25.8	4m depth
Portion 7	18-Feb-07	12:26	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	18-Feb-07	12:27	Fine	79.6	0	0	20.3	25.8	3m depth
Portion 7	18-Feb-07	12:28	Fine	79.6	0	0	20.3	25.8	2.5m depth
Portion 7	18-Feb-07	12:29	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	18-Feb-07	12:30	Fine	79.5	0	0	20.4	25.8	4m depth
Portion 7	18-Feb-07	12:31	Fine	79.6	0	0	20.3	25.8	2m depth
Portion 6	18-Feb-07	12:32	Fine	79.6	0	0	20.3	25.8	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)


Checked by:   
 (RSD)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 19-Feb-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2008

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	19-Feb-07	8:15	Fine	79.6	0	0	20.3	20.2	Ground
Portion 5	19-Feb-07	8:16	Fine	79.6	0	0	20.3	20.2	3m depth
Portion 5	19-Feb-07	8:17	Fine	79.6	0	0	20.3	20.2	6m depth
Portion 4	19-Feb-07	8:18	Fine	79.6	0	0	20.3	20.2	4m depth
Portion 7	19-Feb-07	8:20	Fine	79.5	0	0	20.4	20.2	4m depth
Portion 7	19-Feb-07	8:21	Fine	79.6	0	0	20.3	20.2	3m depth
Portion 7	19-Feb-07	8:22	Fine	79.8	0	0	20.3	20.2	2.5m depth
Portion 7	19-Feb-07	8:23	Fine	79.8	0	0	20.3	20.2	4m depth
Portion 7	19-Feb-07	8:24	Fine	79.6	0	0	20.3	20.2	4m depth
Portion 7	19-Feb-07	8:25	Fine	79.6	0	0	20.3	20.2	2m depth
Portion 6	19-Feb-07	8:26	Fine	79.8	0	0	20.3	20.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

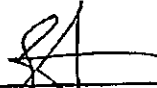
Checked by:   
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: **Ting Kok Road Pumping Station No.5**  
 Date of Measurement: **19-Feb-07**

Smapping equipment used:	Dates calibrated
<b>GA 2000</b>	<b>22/08/2006</b>

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	19-Feb-07	12:21	Fine	79.6	0	0	20.3	26.1	Ground
Portion 5	19-Feb-07	12:22	Fine	79.6	0	0	20.3	26.1	3m depth
Portion 5	19-Feb-07	12:23	Fine	79.6	0	0	20.3	26.1	6m depth
Portion 4	19-Feb-07	12:24	Fine	79.6	0	0	20.3	26.1	4m depth
Portion 7	19-Feb-07	12:26	Fine	79.6	0	0	20.3	26.1	4m depth
Portion 7	19-Feb-07	12:27	Fine	79.6	0	0	20.3	26.1	3m depth
Portion 7	19-Feb-07	12:28	Fine	79.6	0	0	20.3	26.1	2.5m depth
Portion 7	19-Feb-07	12:29	Fine	79.6	0	0	20.3	26.1	4m depth
Portion 7	19-Feb-07	12:30	Fine	79.5	0	0	20.4	26.1	4m depth
Portion 7	19-Feb-07	12:31	Fine	79.6	0	0	20.3	26.1	2m depth
Portion 8	19-Feb-07	12:32	Fine	79.6	0	0	20.3	26.1	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)


Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 20-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	20-Feb-07	8:15	Fine	79.6	0	0	20.3	18.7	Ground
Portion 5	20-Feb-07	8:16	Fine	79.5	0	0	20.4	18.7	3m depth
Portion 5	20-Feb-07	8:17	Fine	79.8	0	0	20.3	18.7	8m depth
Portion 4	20-Feb-07	8:18	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	20-Feb-07	8:20	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	20-Feb-07	8:21	Fine	79.6	0	0	20.3	18.7	3m depth
Portion 7	20-Feb-07	8:22	Fine	79.6	0	0	20.3	18.7	2.5m depth
Portion 7	20-Feb-07	8:23	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	20-Feb-07	8:24	Fine	79.5	0	0	20.4	18.7	4m depth
Portion 7	20-Feb-07	8:25	Fine	79.6	0	0	20.3	18.7	2m depth
Portion 6	20-Feb-07	8:28	Fine	79.6	0	0	20.3	18.7	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (ASO)

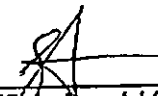


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 21-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2008

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes					Temp (°C)	Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
Portion 5	21-Feb-07	8:15	Fine	79.6	0	0	20.3	19.3	Ground
Portion 4	21-Feb-07	8:17	Fine	79.6	0	0	20.3	19.3	Ground
Portion 4	21-Feb-07	8:18	Fine	79.6	0	0	20.3	19.3	2m depth
Portion 7	21-Feb-07	8:20	Fine	79.8	0	0	20.3	19.3	4m depth
Portion 7	21-Feb-07	8:21	Fine	79.8	0	0	20.3	19.3	3m depth
Portion 7	21-Feb-07	8:22	Fine	79.8	0	0	20.3	19.3	Ground
Portion 7	21-Feb-07	8:23	Fine	79.6	0	0	20.3	19.3	4m depth
Portion 7	21-Feb-07	8:24	Fine	79.5	0	0	20.4	19.3	4m depth
Portion 7	21-Feb-07	8:25	Fine	79.5	0	0	20.4	19.3	2m depth
Portion 7	21-Feb-07	8:25	Fine	79.5	0	0	20.4	19.3	2m depth
Portion 6	21-Feb-07	8:28	Fine	79.8	0	0	20.3	19.3	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)










# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 23-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	23-Feb-07	8:15	Fine	79.6	0	0	20.3	17.5	Ground
Portion 4	23-Feb-07	8:17	Fine	79.5	0	0	20.4	17.5	Ground
Portion 4	23-Feb-07	8:18	Fine	79.6	0	0	20.3	17.5	2m depth
Portion 7	23-Feb-07	8:20	Fine	79.6	0	0	20.3	17.5	4m depth
Portion 7	23-Feb-07	8:21	Fine	79.6	0	0	20.3	17.5	3m depth
Portion 7	23-Feb-07	8:22	Fine	79.6	0	0	20.3	17.5	Ground
Portion 7	23-Feb-07	8:23	Fine	79.6	0	0	20.3	17.5	4m depth
Portion 7	23-Feb-07	8:24	Fine	79.8	0	0	20.3	17.5	4m depth
Portion 7	23-Feb-07	8:25	Fine	79.6	0	0	20.3	17.5	2m depth
Portion 6	23-Feb-07	8:26	Fine	79.6	0	0	20.3	17.5	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)








**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 25-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	25-Feb-07	8:15	Fine	79.8	0	0	20.3	15.7	Ground
Portion 4	25-Feb-07	8:17	Fine	79.6	0	0	20.3	15.7	Ground
Portion 4	25-Feb-07	8:18	Fine	79.5	0	0	20.4	15.7	2m depth
Portion 7	25-Feb-07	8:20	Fine	79.6	0	0	20.3	15.7	4m depth
Portion 7	25-Feb-07	8:21	Fine	79.6	0	0	20.3	15.7	3m depth
Portion 7	25-Feb-07	8:22	Fine	79.6	0	0	20.3	15.7	Ground
Portion 7	25-Feb-07	8:23	Fine	79.8	0	0	20.3	15.7	4m depth
Portion 7	25-Feb-07	8:24	Fine	79.8	0	0	20.3	15.7	4m depth
Portion 7	25-Feb-07	8:25	Fine	79.8	0	0	20.3	15.7	2m depth
Portion 6	25-Feb-07	8:28	Fine	79.6	0	0	20.3	15.7	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)





Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 26-Feb-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	26-Feb-07	8:15	Fine	79.6	0	0	20.3	16.1	Ground
Portion 4	26-Feb-07	8:17	Fine	79.6	0	0	20.3	16.1	Ground
Portion 4	26-Feb-07	8:18	Fine	79.6	0	0	20.3	16.1	2m depth
Portion 7	26-Feb-07	8:20	Fine	79.6	0	0	20.3	16.1	4m depth
Portion 7	26-Feb-07	8:21	Fine	79.6	0	0	20.3	16.1	3m depth
Portion 7	26-Feb-07	8:22	Fine	79.6	0	0	20.3	16.1	Ground
Portion 7	26-Feb-07	8:23	Fine	79.5	0	0	20.4	16.1	4m depth
Portion 7	26-Feb-07	8:24	Fine	79.6	0	0	20.3	16.1	4m depth
Portion 7	26-Feb-07	8:25	Fine	79.6	0	0	20.3	16.1	2m depth
Portion 6	26-Feb-07	8:26	Fine	79.6	0	0	20.3	16.1	2m depth

Field Technician: [Signature]  
 (Sub-Agent / Supervisor)

Checked by: [Signature]  
 (RSO)



Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 27-Feb-07

Smapping equipment used:	Dates calibrated:
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	27-Feb-07	8:15	Fine	79.6	0	0	20.3	16.3	Ground
Portion 4	27-Feb-07	8:17	Fine	79.6	0	0	20.3	16.3	Ground
Portion 4	27-Feb-07	8:18	Fine	79.8	0	0	20.3	16.3	2m depth
Portion 7	27-Feb-07	8:20	Fine	79.8	0	0	20.3	16.3	4m depth
Portion 7	27-Feb-07	8:21	Fine	79.8	0	0	20.3	16.3	3m depth
Portion 7	27-Feb-07	8:22	Fine	79.5	0	0	20.4	16.3	Ground
Portion 7	27-Feb-07	8:23	Fine	79.5	0	0	20.4	16.3	4m depth
Portion 7	27-Feb-07	8:24	Fine	79.6	0	0	20.3	16.3	4m depth
Portion 7	27-Feb-07	8:25	Fine	79.6	0	0	20.3	16.3	2m depth
Portion 6	27-Feb-07	8:26	Fine	79.6	0	0	20.3	16.3	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: **Ting Kok Road Pumping Station No.5**  
 Date of Measurement: **27-Feb-07**

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

To: Mr. Eng...  
 From: Earth Ng  
 Total 50 pages

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes					Remark	
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		Temp (°C)
M1	27-Feb-07	9:00	Fine	79.5	0	0	20.4	19.8	
M3	27-Feb-07	9:02	Fine	79.6	0	0	20.3	19.8	

Hyder Consulting Limited  
 Date received: - 1 MAR 2007  
 Reg no. 2007-8480  
 Div/Dep: ENV  
 Date received at Div/Dep: MAR 2007  
 Sign: GH Date:   
 Copy to:   
 Reply date:   
 File ref:

Field Technician: [Signature]  
 (Sub Agent / Supervisor)

Checked by: [Signature]  
 (RSO)

P.01  
 98%  
 6666999  
 26738999  
 16:53  
 00-000-2007

# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 27-Feb-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Time of Sampling	Weather condition	Perimeter on-site and/or off-site monitoring holes				Temp (°C)	Remark
				Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)		
Portion 5	27-Feb-07	13:05	Fine	79.6	0	0	20.3	26.1	Ground
Portion 4	27-Feb-07	13:06	Fine	79.6	0	0	20.3	26.1	Ground
Portion 4	27-Feb-07	13:07	Fine	79.6	0	0	20.3	26.1	2m depth
Portion 4	27-Feb-07	13:08	Fine	79.6	0	0	20.3	26.1	4m depth
Portion 7	27-Feb-07	13:09	Fine	79.6	0	0	20.3	26.1	3m depth
Portion 7	27-Feb-07	13:09	Fine	79.6	0	0	20.3	26.1	Ground
Portion 7	27-Feb-07	13:10	Fine	79.6	0	0	20.4	26.1	4m depth
Portion 7	27-Feb-07	13:11	Fine	79.5	0	0	20.3	26.1	4m depth
Portion 7	27-Feb-07	13:12	Fine	79.6	0	0	20.4	26.1	2m depth
Portion 7	27-Feb-07	13:13	Fine	79.5	0	0	20.4	26.1	2m depth
Portion 6	27-Feb-07	13:14	Fine	79.6	0	0	20.3	26.1	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)



# Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:  
Date of Measurement:

Ting Kok Road Pumping Station No.5  
28-Feb-07

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

To: Mr. Eigi Ho  
From: Eddy Ng  
Total 5 pages

Sample Location	Date of Measurement	Sampling Time	Weather condition	Perimeter on-site and/or off-site monitoring holes					Remark
				Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	28-Feb-07	13:05	Fine	79.6	0	0	20.3	25.8	Ground
Portion 4	28-Feb-07	13:08	Fine	79.6	0	0	20.3	25.8	Ground
Portion 4	28-Feb-07	13:07	Fine	79.6	0	0	20.3	25.8	2m depth
Portion 7	28-Feb-07	13:08	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	28-Feb-07	13:09	Fine	79.6	0	0	20.3	25.8	3m depth
Portion 7	28-Feb-07	13:10	Fine	79.6	0	0	20.3	25.8	Ground
Portion 7	28-Feb-07	13:11	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	28-Feb-07	13:12	Fine	79.5	0	0	20.4	25.8	4m depth
Portion 7	28-Feb-07	13:13	Fine	79.5	0	0	20.4	25.8	2m depth
Portion 6	28-Feb-07	13:14	Fine	79.5	0	0	20.4	25.8	2m depth

Field Technician:

[Signature]  
(Sub Agent / Supervisor)

Checked by:

[Signature]  
(RSO)

Hyder Consulting Limited  
Date received: 28 MAR 2007  
Time: 10:07  
By: Eddy Ng  
Signature: [Signature]

Date received	By	For	Sign	Date





**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 31-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	31-Mar-07	8:11	Fine	79.3	0	0	20.6	27.4	Ground
Portion 5	31-Mar-07	8:12	Fine	79.3	0	0	20.7	27.4	4m depth
Portion 4	31-Mar-07	8:14	Fine	79.3	0	0	20.7	27.4	Ground
Portion 7	31-Mar-07	8:16	Fine	79.3	0	0	20.6	27.4	Ground
Portion 7	31-Mar-07	8:17	Fine	79.2	0	0	20.7	27.4	4m depth
Portion 7	31-Mar-07	8:18	Fine	79.2	0	0	20.7	27.4	4m depth
Portion 7	31-Mar-07	8:20	Fine	79.3	0	0	20.7	27.4	Ground
Portion 6	31-Mar-07	8:28	Fine	79.3	0	0	20.7	27.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)







**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 29-Mar-07

Sampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	29-Mar-07	8:11	Fine	79.3	0	0	20.6	28.1	Ground
Portion 5	29-Mar-07	8:12	Fine	79.3	0	0	20.7	28.1	4m depth
Portion 4	29-Mar-07	8:14	Fine	79.3	0	0	20.7	28.1	Ground
Portion 7	29-Mar-07	8:16	Fine	79.3	0	0	20.6	28.1	Ground
Portion 7	29-Mar-07	8:17	Fine	79.2	0	0	20.7	28.1	4m depth
Portion 7	29-Mar-07	8:18	Fine	79.3	0	0	20.7	28.1	4m depth
Portion 7	29-Mar-07	8:20	Fine	79.2	0	0	20.7	28.1	Ground
Portion 6	29-Mar-07	8:28	Fine	79.2	0	0	20.7	28.1	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 28-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	28-Mar-07	13:06	Fine	79.2	0	0	20.7	30.2	Ground
Portion 5	28-Mar-07	13:07	Fine	79.3	0	0	20.6	30.2	4m depth
Portion 4	28-Mar-07	13:09	Fine	79.3	0	0	20.6	30.2	Ground
Portion 7	28-Mar-07	13:11	Fine	79.3	0	0	20.6	30.2	Ground
Portion 7	28-Mar-07	13:14	Fine	79.3	0	0	20.7	30.2	4m depth
Portion 7	28-Mar-07	13:16	Fine	79.3	0	0	20.8	30.2	4m depth
Portion 7	28-Mar-07	13:17	Fine	79.3	0	0	20.7	30.2	2m depth
Portion 6	28-Mar-07	13:18	Fine	79.3	0	0	20.7	30.2	2m depth

Field Technician:  (Sub-Agent)

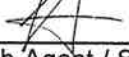
Checked by:  (RSO)

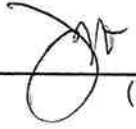
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
Date of Measurement: 28-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	28-Mar-07	8:11	Fine	79.3	0	0	20.6	26.7	Ground
Portion 5	28-Mar-07	8:12	Fine	79.3	0	0	20.7	26.7	4m depth
Portion 4	28-Mar-07	8:14	Fine	79.2	0	0	20.7	26.7	Ground
Portion 7	28-Mar-07	8:16	Fine	79.3	0	0	20.6	26.7	Ground
Portion 7	28-Mar-07	8:17	Fine	79.2	0	0	20.7	26.7	4m depth
Portion 7	28-Mar-07	8:18	Fine	79.3	0	0	20.7	26.7	4m depth
Portion 7	28-Mar-07	8:20	Fine	79.3	0	0	20.7	26.7	Ground
Portion 6	28-Mar-07	8:28	Fine	79.2	0	0	20.7	26.7	2m depth

Field Technician:  (Sub-Agent / Supervisor)

Checked by:  (RSO)





**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 27-Mar-07


Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	27-Mar-07	8:11	Fine	79.2	0	0	20.6	24.8	Ground
Portion 5	27-Mar-07	8:12	Fine	79.2	0	0	20.7	24.8	4m depth
Portion 4	27-Mar-07	8:14	Fine	79.2	0	0	20.7	24.8	Ground
Portion 7	27-Mar-07	8:16	Fine	79.3	0	0	20.6	24.8	Ground
Portion 7	27-Mar-07	8:17	Fine	79.2	0	0	20.7	24.8	4m depth
Portion 7	27-Mar-07	8:18	Fine	79.3	0	0	20.7	24.8	4m depth
Portion 7	27-Mar-07	8:20	Fine	79.3	0	0	20.7	24.8	2m depth
Portion 6	27-Mar-07	8:28	Fine	79.2	0	0	20.7	24.8	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 26-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
M1	26-Mar-07	10:05	Fine	79.6	0	0	20.3	23.5	
M3	26-Mar-07	10:07	Fine	79.6	0	0	20.3	23.5	

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 26-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	26-Mar-07	13:06	Fine	79.2	0	0	20.7	25	Ground
Portion 5	26-Mar-07	13:07	Fine	79.3	0	0	20.6	25	4m depth
Portion 4	26-Mar-07	13:09	Fine	79.3	0	0	20.6	25	Ground
Portion 7	26-Mar-07	13:11	Fine	79.3	0	0	20.6	25	Ground
Portion 7	26-Mar-07	13:14	Fine	79.3	0	0	20.7	25	4m depth
Portion 7	26-Mar-07	13:16	Fine	79.2	0	0	20.8	25	4m depth
Portion 7	26-Mar-07	13:17	Fine	79.2	0	0	20.7	25	2m depth
Portion 6	26-Mar-07	13:18	Fine	79.2	0	0	20.7	25	2m depth

Field Technician:

  
 (Sub-Agent) Supervisor

Checked by:

  
 (RSO)



**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 25-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	25-Mar-07	13:06	Fine	79.2	0	0	20.7	24.9	Ground
Portion 5	25-Mar-07	13:07	Fine	79.3	0	0	20.6	24.9	4m depth
Portion 4	25-Mar-07	13:09	Fine	79.2	0	0	20.6	24.9	Ground
Portion 7	25-Mar-07	13:11	Fine	79.3	0	0	20.6	24.9	Ground
Portion 7	25-Mar-07	13:14	Fine	79.3	0	0	20.7	24.9	4m depth
Portion 7	25-Mar-07	13:16	Fine	79.3	0	0	20.8	24.9	4m depth
Portion 7	25-Mar-07	13:17	Fine	79.2	0	0	20.7	24.9	2m depth
Portion 6	25-Mar-07	13:18	Fine	79.2	0	0	20.7	24.9	2m depth

Field Technician:

  
 (Sub-Agent) supervisor

Checked by:

  
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 25-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	25-Mar-07	8:11	Fine	79.3	0	0	20.6	21.8	Ground
Portion 5	25-Mar-07	8:12	Fine	79.2	0	0	20.7	21.8	4m depth
Portion 4	25-Mar-07	8:14	Fine	79.2	0	0	20.7	21.8	Ground
Portion 7	25-Mar-07	8:16	Fine	79.3	0	0	20.6	21.8	Ground
Portion 7	25-Mar-07	8:17	Fine	79.2	0	0	20.7	21.8	4m depth
Portion 7	25-Mar-07	8:18	Fine	79.4	0	0	20.5	21.8	4m depth
Portion 7	25-Mar-07	8:20	Fine	79.2	0	0	20.7	21.8	2m depth
Portion 6	25-Mar-07	8:28	Fine	79.2	0	0	20.7	21.8	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 24-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	24-Mar-07	13:06	Fine	79.3	0	0	20.7	23.8	Ground
Portion 5	24-Mar-07	13:07	Fine	79.3	0	0	20.6	23.8	4m depth
Portion 4	24-Mar-07	13:09	Fine	79.2	0	0	20.6	23.8	Ground
Portion 7	24-Mar-07	13:11	Fine	79.3	0	0	20.6	23.8	Ground
Portion 7	24-Mar-07	13:14	Fine	79.2	0	0	20.7	23.8	4m depth
Portion 7	24-Mar-07	13:16	Fine	79.3	0	0	20.8	23.8	4m depth
Portion 7	24-Mar-07	13:17	Fine	79.2	0	0	20.7	23.8	2m depth
Portion 6	24-Mar-07	13:18	Fine	79.2	0	0	20.7	23.8	2m depth

Field Technician:

  
 (Sub-Agent) Supervisor

Checked by:

  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 24-Mar-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balace gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	24-Mar-07	8:11	Fine	79.3	0	0	20.6	22.1	Ground
Portion 5	24-Mar-07	8:12	Fine	79.3	0	0	20.6	22.1	4m depth
Portion 4	24-Mar-07	8:14	Fine	79.5	0	0	20.4	22.1	Ground
Portion 7	24-Mar-07	8:16	Fine	79.4	0	0	20.5	22.1	Ground
Portion 7	24-Mar-07	8:17	Fine	79.4	0	0	20.5	22.1	4m depth
Portion 7	24-Mar-07	8:18	Fine	79.4	0	0	20.5	22.1	4m depth
Portion 7	24-Mar-07	8:20	Fine	79.2	0	0	20.7	22.1	2m depth
Portion 6	24-Mar-07	8:28	Fine	79.2	0	0	20.7	22.1	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:

  
 \_\_\_\_\_  
 (RSO)








**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 22-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	22-Mar-07	13:06	Fine	79.3	0	0	20.7	20.5	Ground
Portion 5	22-Mar-07	13:07	Fine	79.3	0	0	20.6	19.7	4m depth
Portion 4	22-Mar-07	13:09	Fine	79.3	0	0	20.6	19.7	Ground
Portion 7	22-Mar-07	13:11	Fine	79.3	0	0	20.6	20.5	Ground
Portion 7	22-Mar-07	13:14	Fine	79.2	0	0	20.7	20.5	4m depth
Portion 7	22-Mar-07	13:16	Fine	79.3	0	0	20.8	20.5	4m depth
Portion 7	22-Mar-07	13:17	Fine	79.2	0	0	20.7	20.5	2m depth
Portion 6	22-Mar-07	13:18	Fine	79.2	0	0	20.7	20.5	2m depth

Field Technician:

  
 (Sub-Agent) supervisor

Checked by:

  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 22-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	22-Mar-07	8:11	Fine	79.3	0	0	20.6	18.0	Ground
Portion 5	22-Mar-07	8:12	Fine	79.3	0	0	20.6	18.0	4m depth
Portion 4	22-Mar-07	8:14	Fine	79.3	0	0	20.6	18.0	Ground
Portion 7	22-Mar-07	8:16	Fine	79.3	0	0	20.6	18.0	Ground
Portion 7	22-Mar-07	8:17	Fine	79.2	0	0	20.7	18.0	4m depth
Portion 7	22-Mar-07	8:18	Fine	79.2	0	0	20.7	18.0	4m depth
Portion 7	22-Mar-07	8:20	Fine	79.2	0	0	20.7	18.0	2m depth
Portion 6	22-Mar-07	8:28	Fine	79.2	0	0	20.7	18.0	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 21-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	21-Mar-07	13:06	Fine	79.2	0	0	20.7	19.7	Ground
Portion 5	21-Mar-07	13:07	Fine	79.3	0	0	20.6	19.7	4m depth
Portion 4	21-Mar-07	13:09	Fine	79.3	0	0	20.6	19.7	Ground
Portion 7	21-Mar-07	13:11	Fine	79.3	0	0	20.6	19.7	Ground
Portion 7	21-Mar-07	13:14	Fine	79.2	0	0	20.7	19.7	4m depth
Portion 7	21-Mar-07	13:16	Fine	79.1	0	0	20.8	19.7	4m depth
Portion 7	21-Mar-07	13:17	Fine	79.2	0	0	20.7	19.7	2m depth
Portion 6	21-Mar-07	13:18	Fine	79.2	0	0	20.7	19.7	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent)

Checked by:

  
 \_\_\_\_\_  
 VRSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 21-Mar-07


Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	21-Mar-07	8:11	Fine	79.2	0	0	20.7	16.9	Ground
Portion 5	21-Mar-07	8:12	Fine	79.3	0	0	20.6	16.9	4m depth
Portion 4	21-Mar-07	8:14	Fine	79.3	0	0	20.6	16.9	Ground
Portion 7	21-Mar-07	8:16	Fine	79.3	0	0	20.6	16.9	Ground
Portion 7	21-Mar-07	8:17	Fine	79.2	0	0	20.7	16.9	4m depth
Portion 7	21-Mar-07	8:18	Fine	79.2	0	0	20.7	16.9	4m depth
Portion 7	21-Mar-07	8:20	Fine	79.3	0	0	20.6	16.9	2m depth
Portion 6	21-Mar-07	8:28	Fine	79.2	0	0	20.7	16.9	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)

### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 20-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	20-Mar-07	13:06	Fine	79.2	0	0	20.7	19.7	Ground
Portion 5	20-Mar-07	13:07	Fine	79.3	0	0	20.6	19.7	4m depth
Portion 4	20-Mar-07	13:09	Fine	79.1	0	0	20.8	19.7	Ground
Portion 7	20-Mar-07	13:11	Fine	79.1	0	0	20.8	19.7	Ground
Portion 7	20-Mar-07	13:14	Fine	79.2	0	0	20.7	19.7	4m depth
Portion 7	20-Mar-07	13:16	Fine	79.5	0	0	20.4	19.7	4m depth
Portion 7	20-Mar-07	13:17	Fine	79.2	0	0	20.7	19.7	2m depth
Portion 6	20-Mar-07	13:18	Fine	79.2	0	0	20.7	19.7	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 20-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	20-Mar-07	8:11	Fine	79.2	0	0	20.7	13.8	Ground
Portion 5	20-Mar-07	8:12	Fine	79.2	0	0	20.7	13.8	4m depth
Portion 4	20-Mar-07	8:14	Fine	79.1	0	0	20.8	13.8	Ground
Portion 7	20-Mar-07	8:16	Fine	79.3	0	0	20.6	13.8	Ground
Portion 7	20-Mar-07	8:17	Fine	79.2	0	0	20.7	13.8	4m depth
Portion 7	20-Mar-07	8:18	Fine	79.4	0	0	20.5	13.8	4m depth
Portion 7	20-Mar-07	8:20	Fine	79.3	0	0	20.6	13.8	2m depth
Portion 6	20-Mar-07	8:28	Fine	79.2	0	0	20.7	13.8	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSD)





**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 19-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	19-Mar-07	13:06	Fine	79.2	0	0	20.7	20.7	Ground
Portion 5	19-Mar-07	13:07	Fine	79.3	0	0	20.6	20.7	4m depth
Portion 4	19-Mar-07	13:09	Fine	79.3	0	0	20.6	20.7	Ground
Portion 7	19-Mar-07	13:11	Fine	79.1	0	0	20.8	20.7	Ground
Portion 7	19-Mar-07	13:14	Fine	79.2	0	0	20.7	20.7	4m depth
Portion 7	19-Mar-07	13:16	Fine	79.3	0	0	20.6	20.7	4m depth
Portion 7	19-Mar-07	13:17	Fine	79.2	0	0	20.7	20.7	2m depth
Portion 6	19-Mar-07	13:18	Fine	79.2	0	0	20.7	20.7	2m depth

Field Technician:   
 (S/b-Agent)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 19-Mar-07


Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	19-Mar-07	8:11	Fine	79.2	0	0	20.7	15.1	Ground
Portion 5	19-Mar-07	8:12	Fine	79.2	0	0	20.7	15.1	4m depth
Portion 4	19-Mar-07	8:14	Fine	79.3	0	0	20.6	15.1	Ground
Portion 7	19-Mar-07	8:16	Fine	79.3	0	0	20.6	15.1	Ground
Portion 7	19-Mar-07	8:17	Fine	79.2	0	0	20.7	15.1	4m depth
Portion 7	19-Mar-07	8:18	Fine	79.2	0	0	20.7	15.1	4m depth
Portion 7	19-Mar-07	8:20	Fine	79.3	0	0	20.6	15.1	2m depth
Portion 6	19-Mar-07	8:28	Fine	79.2	0	0	20.7	15.1	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:

  
 \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 18-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	18-Mar-07	13:06	Fine	79.2	0	0	20.7	20.3	Ground
Portion 5	18-Mar-07	13:07	Fine	79.2	0	0	20.7	20.3	4m depth
Portion 4	18-Mar-07	13:09	Fine	79.3	0	0	20.6	20.3	Ground
Portion 7	18-Mar-07	13:11	Fine	79.2	0	0	20.7	20.3	Ground
Portion 7	18-Mar-07	13:14	Fine	79.2	0	0	20.7	20.3	4m depth
Portion 7	18-Mar-07	13:16	Fine	79.3	0	0	20.6	20.3	4m depth
Portion 7	18-Mar-07	13:17	Fine	79.2	0	0	20.7	20.3	2m depth
Portion 6	18-Mar-07	13:18	Fine	79.2	0	0	20.7	20.3	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 18-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	18-Mar-07	8:11	Fine	79.2	0	0	20.7	19.4	Ground
Portion 5	18-Mar-07	8:12	Fine	79.2	0	0	20.7	19.4	4m depth
Portion 4	18-Mar-07	8:14	Fine	79.2	0	0	20.7	19.4	Ground
Portion 7	18-Mar-07	8:16	Fine	79.4	0	0	20.5	19.4	Ground
Portion 7	18-Mar-07	8:17	Fine	79.2	0	0	20.7	19.4	4m depth
Portion 7	18-Mar-07	8:18	Fine	79.2	0	0	20.7	19.4	4m depth
Portion 7	18-Mar-07	8:20	Fine	79.3	0	0	20.6	19.4	2m depth
Portion 6	18-Mar-07	8:28	Fine	79.2	0	0	20.7	19.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)


**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 17-Mar-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	17-Mar-07	13:06	Fine	79.2	0	0	20.7	22.6	Ground
Portion 5	17-Mar-07	13:07	Fine	79.2	0	0	20.7	22.6	4m depth
Portion 4	17-Mar-07	13:09	Fine	79.3	0	0	20.6	22.6	Ground
Portion 7	17-Mar-07	13:11	Fine	79.2	0	0	20.7	22.6	Ground
Portion 7	17-Mar-07	13:14	Fine	79.2	0	0	20.7	22.6	4m depth
Portion 7	17-Mar-07	13:16	Fine	79.3	0	0	20.6	22.6	4m depth
Portion 7	17-Mar-07	13:17	Fine	79.2	0	0	20.7	22.6	2m depth
Portion 6	17-Mar-07	13:18	Fine	79.2	0	0	20.7	22.6	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent)

Checked by:

  
 \_\_\_\_\_  
 (RSC)



**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 16-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	16-Mar-07	13:06	Fine	79.1	0	0	20.8	25.8	Ground
Portion 5	16-Mar-07	13:07	Fine	79.2	0	0	20.7	25.8	4m depth
Portion 4	16-Mar-07	13:09	Fine	79.1	0	0	20.8	25.8	Ground
Portion 7	16-Mar-07	13:11	Fine	79.2	0	0	20.7	25.8	Ground
Portion 7	16-Mar-07	13:14	Fine	79.2	0	0	20.7	25.8	4m depth
Portion 7	16-Mar-07	13:16	Fine	79.3	0	0	20.6	25.8	4m depth
Portion 7	16-Mar-07	13:17	Fine	79.3	0	0	20.6	25.8	2m depth
Portion 6	16-Mar-07	13:18	Fine	79.2	0	0	20.7	25.8	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 16-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	16-Mar-07	8:11	Fine	79.2	0	0	20.7	23.4	Ground
Portion 5	16-Mar-07	8:12	Fine	79.1	0	0	20.8	23.4	4m depth
Portion 4	16-Mar-07	8:14	Fine	79.2	0	0	20.7	23.4	Ground
Portion 7	16-Mar-07	8:16	Fine	79.1	0	0	20.8	23.4	Ground
Portion 7	16-Mar-07	8:17	Fine	79.1	0	0	20.8	23.4	4m depth
Portion 7	16-Mar-07	8:18	Fine	79.2	0	0	20.7	23.4	4m depth
Portion 7	16-Mar-07	8:20	Fine	79.2	0	0	20.7	23.4	2m depth
Portion 6	16-Mar-07	8:28	Fine	79.2	0	0	20.7	23.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)



**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 15-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	15-Mar-07	13:04	Fine	79.3	0	0	20.6	22.2	Ground
Portion 5	15-Mar-07	13:06	Fine	79.3	0	0	20.6	22.2	4m depth
Portion 4	15-Mar-07	13:09	Fine	79.2	0	0	20.7	22.2	Ground
Portion 7	15-Mar-07	13:10	Fine	79.3	0	0	20.6	22.2	Ground
Portion 7	15-Mar-07	13:14	Fine	79.3	0	0	20.6	22.2	4m depth
Portion 7	15-Mar-07	13:15	Fine	79.3	0	0	20.6	22.2	4m depth
Portion 7	15-Mar-07	13:16	Fine	79.2	0	0	20.7	22.2	2m depth
Portion 6	15-Mar-07	13:19	Fine	79.2	0	0	20.7	22.2	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 15-Mar-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	15-Mar-07	8:16	Fine	79.2	0	0	20.7	16.9	Ground
Portion 5	15-Mar-07	8:18	Fine	79.1	0	0	20.8	16.9	4m depth
Portion 4	15-Mar-07	8:20	Fine	79.2	0	0	20.7	16.9	Ground
Portion 7	15-Mar-07	8:23	Fine	79.1	0	0	20.8	16.9	Ground
Portion 7	15-Mar-07	8:24	Fine	79.1	0	0	20.8	16.9	4m depth
Portion 7	15-Mar-07	8:27	Fine	79.2	0	0	20.7	16.9	4m depth
Portion 7	15-Mar-07	8:28	Fine	79.2	0	0	20.7	16.9	2m depth
Portion 6	15-Mar-07	8:30	Fine	79.2	0	0	20.7	16.9	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:

  
 \_\_\_\_\_  
 (RSO)

### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 14-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	14-Mar-07	13:05	Fine	79.6	0	0	20.3	23.9	Ground
Portion 4	14-Mar-07	13:06	Fine	79.6	0	0	20.3	23.9	Ground
Portion 7	14-Mar-07	13:08	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	14-Mar-07	13:09	Fine	79.5	0	0	20.4	23.9	3m depth
Portion 7	14-Mar-07	13:10	Fine	79.5	0	0	20.4	23.9	Ground
Portion 7	14-Mar-07	13:11	Fine	79.6	0	0	20.3	23.9	4m depth
Portion 7	14-Mar-07	13:12	Fine	79.5	0	0	20.4	23.9	4m depth
Portion 7	14-Mar-07	13:13	Fine	79.6	0	0	20.3	23.9	2m depth
Portion 6	14-Mar-07	13:14	Fine	79.5	0	0	20.4	23.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
Date of Measurement: 14-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	14-Mar-07	8:15	Fine	79.6	0	0	20.3	16.9	Ground
Portion 4	14-Mar-07	8:17	Fine	79.5	0	0	20.4	16.9	Ground
Portion 7	14-Mar-07	8:20	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	14-Mar-07	8:21	Fine	79.6	0	0	20.3	16.9	3m depth
Portion 7	14-Mar-07	8:22	Fine	79.6	0	0	20.3	16.9	Ground
Portion 7	14-Mar-07	8:23	Fine	79.6	0	0	20.3	16.9	4m depth
Portion 7	14-Mar-07	8:24	Fine	79.5	0	0	20.4	16.9	4m depth
Portion 7	14-Mar-07	8:25	Fine	79.6	0	0	20.3	16.9	2m depth
Portion 6	14-Mar-07	8:26	Fine	79.6	0	0	20.3	16.9	2m depth

Field Technician:

  
\_\_\_\_\_  
(Sub-Agent / Supervisor)

Checked by:

  
\_\_\_\_\_  
(RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 13-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	13-Mar-07	13:05	Fine	79.6	0	0	20.3	24	Ground
Portion 4	13-Mar-07	13:06	Fine	79.6	0	0	20.3	24	Ground
Portion 7	13-Mar-07	13:08	Fine	79.6	0	0	20.3	24	4m depth
Portion 7	13-Mar-07	13:09	Fine	79.6	0	0	20.3	24	3m depth
Portion 7	13-Mar-07	13:10	Fine	79.5	0	0	20.4	24	Ground
Portion 7	13-Mar-07	13:11	Fine	79.6	0	0	20.3	24	4m depth
Portion 7	13-Mar-07	13:12	Fine	79.6	0	0	20.3	24	4m depth
Portion 7	13-Mar-07	13:13	Fine	79.5	0	0	20.4	24	2m depth
Portion 6	13-Mar-07	13:14	Fine	79.5	0	0	20.4	24	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)

### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 13-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	13-Mar-07	8:15	Fine	79.5	0	0	20.4	18.7	Ground
Portion 4	13-Mar-07	8:17	Fine	79.5	0	0	20.4	18.7	Ground
Portion 7	13-Mar-07	8:20	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	13-Mar-07	8:21	Fine	79.6	0	0	20.3	18.7	3m depth
Portion 7	13-Mar-07	8:22	Fine	79.5	0	0	20.4	18.7	Ground
Portion 7	13-Mar-07	8:23	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	13-Mar-07	8:24	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	13-Mar-07	8:25	Fine	79.6	0	0	20.3	18.7	2m depth
Portion 6	13-Mar-07	8:26	Fine	79.6	0	0	20.3	18.7	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSD)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 12-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	12-Mar-07	13:05	Fine	79.6	0	0	20.3	23.1	Ground
Portion 4	12-Mar-07	13:06	Fine	79.6	0	0	20.3	23.1	Ground
Portion 7	12-Mar-07	13:08	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	12-Mar-07	13:09	Fine	79.6	0	0	20.3	23.1	3m depth
Portion 7	12-Mar-07	13:10	Fine	79.6	0	0	20.3	23.1	Ground
Portion 7	12-Mar-07	13:11	Fine	79.5	0	0	20.4	23.1	4m depth
Portion 7	12-Mar-07	13:12	Fine	79.6	0	0	20.3	23.1	4m depth
Portion 7	12-Mar-07	13:13	Fine	79.6	0	0	20.3	23.1	2m depth
Portion 6	12-Mar-07	13:14	Fine	79.6	0	0	20.3	23.1	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:

  
 \_\_\_\_\_  
 (RSO)





**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 11-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	11-Mar-07	13:05	Fine	79.6	0	0	20.3	25.8	Ground
Portion 4	11-Mar-07	13:06	Fine	79.6	0	0	20.3	25.8	Ground
Portion 7	11-Mar-07	13:08	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	11-Mar-07	13:09	Fine	79.6	0	0	20.3	25.8	3m depth
Portion 7	11-Mar-07	13:10	Fine	79.5	0	0	20.4	25.8	Ground
Portion 7	11-Mar-07	13:11	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	11-Mar-07	13:12	Fine	79.6	0	0	20.3	25.8	4m depth
Portion 7	11-Mar-07	13:13	Fine	79.5	0	0	20.4	25.8	2m depth
Portion 6	11-Mar-07	13:14	Fine	79.6	0	0	20.3	25.8	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 11-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	11-Mar-07	8:15	Fine	79.6	0	0	20.3	18.2	Ground
Portion 4	11-Mar-07	8:17	Fine	79.6	0	0	20.3	18.2	Ground
Portion 7	11-Mar-07	8:20	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	11-Mar-07	8:21	Fine	79.6	0	0	20.3	18.2	3m depth
Portion 7	11-Mar-07	8:22	Fine	79.5	0	0	20.4	18.2	Ground
Portion 7	11-Mar-07	8:23	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	11-Mar-07	8:24	Fine	79.6	0	0	20.3	18.2	4m depth
Portion 7	11-Mar-07	8:25	Fine	79.5	0	0	20.4	18.2	2m depth
Portion 6	11-Mar-07	8:26	Fine	79.6	0	0	20.3	18.2	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)



**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 10-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	10-Mar-07	8:15	Fine	79.6	0	0	20.3	17.9	Ground
Portion 4	10-Mar-07	8:17	Fine	79.6	0	0	20.3	17.9	Ground
Portion 7	10-Mar-07	8:20	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	10-Mar-07	8:21	Fine	79.6	0	0	20.3	17.9	3m depth
Portion 7	10-Mar-07	8:22	Fine	79.5	0	0	20.4	17.9	Ground
Portion 7	10-Mar-07	8:23	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	10-Mar-07	8:24	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	10-Mar-07	8:25	Fine	79.6	0	0	20.3	17.9	2m depth
Portion 6	10-Mar-07	8:26	Fine	79.6	0	0	20.3	17.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)



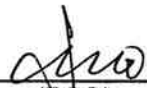
**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 9-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	9-Mar-07	8:15	Fine	79.6	0	0	20.3	17.5	Ground
Portion 4	9-Mar-07	8:17	Fine	79.6	0	0	20.3	17.5	Ground
Portion 7	9-Mar-07	8:20	Fine	79.6	0	0	20.3	17.5	4m depth
Portion 7	9-Mar-07	8:21	Fine	79.6	0	0	20.3	17.5	3m depth
Portion 7	9-Mar-07	8:22	Fine	79.6	0	0	20.3	17.5	Ground
Portion 7	9-Mar-07	8:23	Fine	79.5	0	0	20.4	17.5	4m depth
Portion 7	9-Mar-07	8:24	Fine	79.6	0	0	20.3	17.5	4m depth
Portion 7	9-Mar-07	8:25	Fine	79.6	0	0	20.3	17.5	2m depth
Portion 6	9-Mar-07	8:26	Fine	79.5	0	0	20.4	17.5	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)







**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 7-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	7-Mar-07	13:05	Fine	79.6	0	0	20.3	21.5	Ground
Portion 4	7-Mar-07	13:06	Fine	79.6	0	0	20.3	21.5	Ground
Portion 4	7-Mar-07	13:07	Fine	79.6	0	0	20.3	21.5	2m depth
Portion 7	7-Mar-07	13:08	Fine	79.5	0	0	20.4	21.5	4m depth
Portion 7	7-Mar-07	13:09	Fine	79.5	0	0	20.4	21.5	3m depth
Portion 7	7-Mar-07	13:10	Fine	79.6	0	0	20.3	21.5	Ground
Portion 7	7-Mar-07	13:11	Fine	79.6	0	0	20.3	21.5	4m depth
Portion 7	7-Mar-07	13:12	Fine	79.5	0	0	20.4	21.5	4m depth
Portion 7	7-Mar-07	13:13	Fine	79.5	0	0	20.4	21.5	2m depth
Portion 6	7-Mar-07	13:14	Fine	79.5	0	0	20.4	21.5	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 7-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	7-Mar-07	8:15	Fine	79.6	0	0	20.3	16.7	Ground
Portion 4	7-Mar-07	8:17	Fine	79.6	0	0	20.3	16.7	Ground
Portion 4	7-Mar-07	8:18	Fine	79.6	0	0	20.3	16.7	2m depth
Portion 7	7-Mar-07	8:20	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	7-Mar-07	8:21	Fine	79.6	0	0	20.3	16.7	3m depth
Portion 7	7-Mar-07	8:22	Fine	79.6	0	0	20.3	16.7	Ground
Portion 7	7-Mar-07	8:23	Fine	79.5	0	0	20.4	16.7	4m depth
Portion 7	7-Mar-07	8:24	Fine	79.5	0	0	20.4	16.7	4m depth
Portion 7	7-Mar-07	8:25	Fine	79.5	0	0	20.4	16.7	2m depth
Portion 6	7-Mar-07	8:26	Fine	79.6	0	0	20.3	16.7	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)


Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 6-Mar-07

Smampling equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Samping Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	6-Mar-07	13:05	Fine	79.6	0	0	20.3	26.2	Ground
Portion 4	6-Mar-07	13:06	Fine	79.6	0	0	20.3	26.2	Ground
Portion 4	6-Mar-07	13:07	Fine	79.6	0	0	20.3	26.2	2m depth
Portion 7	6-Mar-07	13:08	Fine	79.5	0	0	20.4	26.2	4m depth
Portion 7	6-Mar-07	13:09	Fine	79.6	0	0	20.3	26.2	3m depth
Portion 7	6-Mar-07	13:10	Fine	79.6	0	0	20.3	26.2	Ground
Portion 7	6-Mar-07	13:11	Fine	79.6	0	0	20.3	26.2	4m depth
Portion 7	6-Mar-07	13:12	Fine	79.5	0	0	20.4	26.2	4m depth
Portion 7	6-Mar-07	13:13	Fine	79.6	0	0	20.3	26.2	2m depth
Portion 6	6-Mar-07	13:14	Fine	79.5	0	0	20.4	26.2	2m depth

Field Technician:   
 (Sub-Agent / Supervisor)

Checked by:   
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 6-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	6-Mar-07	8:15	Fine	79.6	0	0	20.3	18.7	Ground
Portion 4	6-Mar-07	8:17	Fine	79.6	0	0	20.3	18.7	Ground
Portion 4	6-Mar-07	8:18	Fine	79.5	0	0	20.4	18.7	2m depth
Portion 7	6-Mar-07	8:20	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	6-Mar-07	8:21	Fine	79.6	0	0	20.3	18.7	3m depth
Portion 7	6-Mar-07	8:22	Fine	79.6	0	0	20.3	18.7	Ground
Portion 7	6-Mar-07	8:23	Fine	79.5	0	0	20.4	18.7	4m depth
Portion 7	6-Mar-07	8:24	Fine	79.6	0	0	20.3	18.7	4m depth
Portion 7	6-Mar-07	8:25	Fine	79.5	0	0	20.4	18.7	2m depth
Portion 6	6-Mar-07	8:26	Fine	79.6	0	0	20.3	18.7	2m depth

Field Technician: \_\_\_\_\_  
 (Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 4-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	5-Mar-07	13:05	Fine	79.6	0	0	20.3	25.9	Ground
Portion 4	4-Mar-07	13:06	Fine	79.6	0	0	20.3	25.9	Ground
Portion 4	4-Mar-07	13:07	Fine	79.6	0	0	20.3	25.9	2m depth
Portion 7	4-Mar-07	13:08	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	4-Mar-07	13:09	Fine	79.5	0	0	20.4	25.9	3m depth
Portion 7	4-Mar-07	13:10	Fine	79.5	0	0	20.4	25.9	Ground
Portion 7	4-Mar-07	13:11	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	4-Mar-07	13:12	Fine	79.5	0	0	20.4	25.9	4m depth
Portion 7	4-Mar-07	13:13	Fine	79.6	0	0	20.3	25.9	2m depth
Portion 6	4-Mar-07	13:14	Fine	79.5	0	0	20.4	25.9	2m depth

Field Technician:

  
 \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by:

  
 \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 5-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	5-Mar-07	8:15	Fine	79.6	0	0	20.3	17.9	Ground
Portion 4	5-Mar-07	8:17	Fine	79.6	0	0	20.3	17.9	Ground
Portion 4	5-Mar-07	8:18	Fine	79.6	0	0	20.3	17.9	2m depth
Portion 7	5-Mar-07	8:20	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	5-Mar-07	8:21	Fine	79.6	0	0	20.3	17.9	3m depth
Portion 7	5-Mar-07	8:22	Fine	79.6	0	0	20.3	17.9	Ground
Portion 7	5-Mar-07	8:23	Fine	79.6	0	0	20.3	17.9	4m depth
Portion 7	5-Mar-07	8:24	Fine	79.5	0	0	20.4	17.9	4m depth
Portion 7	5-Mar-07	8:25	Fine	79.5	0	0	20.4	17.9	2m depth
Portion 6	5-Mar-07	8:26	Fine	79.6	0	0	20.3	17.9	2m depth

Field Technician: \_\_\_\_\_

  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_

  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 4-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	4-Mar-07	13:05	Fine	79.6	0	0	20.3	24.8	Ground
Portion 4	4-Mar-07	13:06	Fine	79.6	0	0	20.3	24.8	Ground
Portion 4	4-Mar-07	13:07	Fine	79.6	0	0	20.3	24.8	2m depth
Portion 7	4-Mar-07	13:08	Fine	79.5	0	0	20.4	24.8	4m depth
Portion 7	4-Mar-07	13:09	Fine	79.5	0	0	20.4	24.8	3m depth
Portion 7	4-Mar-07	13:10	Fine	79.6	0	0	20.3	24.8	Ground
Portion 7	4-Mar-07	13:11	Fine	79.6	0	0	20.3	24.8	4m depth
Portion 7	4-Mar-07	13:12	Fine	79.6	0	0	20.3	24.8	4m depth
Portion 7	4-Mar-07	13:13	Fine	79.6	0	0	20.3	24.8	2m depth
Portion 6	4-Mar-07	13:14	Fine	79.5	0	0	20.4	24.8	2m depth

Field Technician:

  
 (Sub/Agent / Supervisor)

Checked by:

  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 5-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	5-Mar-07	13:05	Fine	79.6	0	0	20.3	25.9	Ground
Portion 4	5-Mar-07	13:06	Fine	79.6	0	0	20.3	25.9	Ground
Portion 4	5-Mar-07	13:07	Fine	79.6	0	0	20.3	25.9	2m depth
Portion 7	5-Mar-07	13:08	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	5-Mar-07	13:09	Fine	79.5	0	0	20.4	25.9	3m depth
Portion 7	5-Mar-07	13:10	Fine	79.5	0	0	20.4	25.9	Ground
Portion 7	5-Mar-07	13:11	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	5-Mar-07	13:12	Fine	79.5	0	0	20.4	25.9	4m depth
Portion 7	5-Mar-07	13:13	Fine	79.6	0	0	20.3	25.9	2m depth
Portion 6	5-Mar-07	13:14	Fine	79.5	0	0	20.4	25.9	2m depth

Field Technician: \_\_\_\_\_  
 (Sub Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)







**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 3-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	3-Mar-07	8:15	Fine	79.6	0	0	20.3	19.5	Ground
Portion 4	3-Mar-07	8:17	Fine	79.6	0	0	20.3	19.5	Ground
Portion 4	3-Mar-07	8:18	Fine	79.5	0	0	20.4	19.5	2m depth
Portion 7	3-Mar-07	8:20	Fine	79.5	0	0	20.4	19.5	4m depth
Portion 7	3-Mar-07	8:21	Fine	79.6	0	0	20.3	19.5	3m depth
Portion 7	3-Mar-07	8:22	Fine	79.6	0	0	20.3	19.5	Ground
Portion 7	3-Mar-07	8:23	Fine	79.5	0	0	20.4	19.5	4m depth
Portion 7	3-Mar-07	8:24	Fine	79.6	0	0	20.3	19.5	4m depth
Portion 7	3-Mar-07	8:25	Fine	79.6	0	0	20.3	19.5	2m depth
Portion 6	3-Mar-07	8:26	Fine	79.6	0	0	20.3	19.5	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 2-Mar-07

Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	
Portion 5	2-Mar-07	13:05	Fine	79.6	0	0	20.3	26.4	Ground
Portion 4	2-Mar-07	13:06	Fine	79.5	0	0	20.4	26.4	Ground
Portion 4	2-Mar-07	13:07	Fine	79.6	0	0	20.3	26.4	2m depth
Portion 7	2-Mar-07	13:08	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	2-Mar-07	13:09	Fine	79.6	0	0	20.3	26.4	3m depth
Portion 7	2-Mar-07	13:10	Fine	79.6	0	0	20.3	26.4	Ground
Portion 7	2-Mar-07	13:11	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	2-Mar-07	13:12	Fine	79.6	0	0	20.3	26.4	4m depth
Portion 7	2-Mar-07	13:13	Fine	79.5	0	0	20.4	26.4	2m depth
Portion 6	2-Mar-07	13:14	Fine	79.6	0	0	20.3	26.4	2m depth

Field Technician: \_\_\_\_\_  
 (Sub-Agent / Supervisor)

Checked by: \_\_\_\_\_  
 (RSO)





### Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: Ting Kok Road Pumping Station No.5  
 Date of Measurement: 1-Mar-07


Smapping equipment used:	Dates calibrated
GA 2000	22/08/2006

Sample Location	Date of Measurement	Sampling Time	Perimeter on-site and/or off-site monitoring holes						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	1-Mar-07	8:15	Fine	79.6	0	0	20.3	17.6	Ground
Portion 4	1-Mar-07	8:17	Fine	79.5	0	0	20.4	17.6	Ground
Portion 4	1-Mar-07	8:18	Fine	79.5	0	0	20.4	17.6	2m depth
Portion 7	1-Mar-07	8:20	Fine	79.6	0	0	20.3	17.6	4m depth
Portion 7	1-Mar-07	8:21	Fine	79.6	0	0	20.3	17.6	3m depth
Portion 7	1-Mar-07	8:22	Fine	79.6	0	0	20.3	17.6	Ground
Portion 7	1-Mar-07	8:23	Fine	79.5	0	0	20.4	17.6	4m depth
Portion 7	1-Mar-07	8:24	Fine	79.6	0	0	20.3	17.6	4m depth
Portion 7	1-Mar-07	8:25	Fine	79.6	0	0	20.3	17.6	2m depth
Portion 6	1-Mar-07	8:26	Fine	79.6	0	0	20.3	17.6	2m depth

Field Technician:

  
 (Sub-Agent / Supervisor)

Checked by:

  
 (RSO)