

# Upgrading of Ting Kok Road Pumping Station No. 5

Monthly EM&A Report No. 15 for March 2007

April 2007

Report no: 01284R0432

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# Upgrading of Ting Kok Road Pumping Station No. 5

#### Monthly EM&A Report No. 15 for March 2007

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Report no:	EA01284R0432	Date:	April 2007

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#### 1 Executive Summary

Drainage Services Department (DSD) 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 March 2007. All relevant mitigation measures and requirements were implemented. There have been no exceedances in Action/Limit (A/L) Levels at any 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 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 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 in terms of the EM&A programme 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 next month, 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 2,888m³/day to 11,520m³/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.

Six village houses are located about 60m away from the boundary of the proposed pumping station. The proposed pumping station upgrading works therefore constitute 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 (DSD) 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. CH2M HILL Hong Kong Limited is the Independent Checker (Landfill Gas) (IC(LG)) of the project. 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 and	Project Manager	Raymond LEE	2594 7457
Engineer – DSD	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)	Adlex 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 in place (e.g. LFG monitoring for "hot works").

#### 2.4 Works Undertaken during the Month

Works undertaken during the reporting period included:

- Construction of gravity sewer and rising main;
- Sheet pile extraction;
- Substructure and superstructure construction;
- Water tightness testing; and
- Finishing work

#### 3 Environmental Status

#### 3.1 Works Undertaken during the Month 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.

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

In terms of variable monitoring locations, these vary from month to month, depending on site activities.

Project area is shown in Appendix 3 and the fixed monitoring location is 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 location M3, or at any of the variable locations:

Parameter	A/L Level		Action Plan
	<19%	-	Ventilate to restore oxygen to > 19%
Oxygen	<18%		Stop works Evacuate personnel/prohibit entry Increase ventilation to restore oxygen to >19%
	>10% LEL (i.e. > 0.5 % by volume)	1 1	Prohibit hot works Ventilate to restore methane to < 10% LEL
Methane	> 20% LEL (i.e. > 1% by volume)	1 1 1	Stop works Evacuate personnel/prohibit entry Increase ventilation to restore methane to < 10% LEL
	>0.5%	_	Ventilate to restore carbon dioxide to <0.5%
Carbon Dioxide	>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* 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		Ga	Temperature		
Station ID			Carbon Dioxide	Oxygen	(°C)
M1	26 March 2007	0.0	0.0	20.3	23.5

Table 6-5 Monitoring Results at M1

The Contractor has noted these results 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		Ga	Temperature		
Station ID	Date Methane Carbon Di		Carbon Dioxide	Oxygen	(°C)
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 fixed location during the reporting period.



#### 6.3 Variable Locations

During the reporting period, LFG was also monitored at variable locations (for purposes of worker safety). These locations were within Portions 4 to 7 as shown in Appendix 3. A total of 550 readings for each of carbon dioxide, methane and oxygen were taken for safety-related reasons, including excavation and hot works. There were no exceedances for A/L Levels at any variable locations during the reporting period. LFG monitoring results for variable locations are provided on the *Field Measurement Recording Sheets* in Appendix 7.

#### 7 Report on Non-Compliance and Complaints

EPD has conducted site inspection on 9 March 2007 in the reporting month. Regular inspection on site condition was conducted. No adverse comment was given.

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 month are anticipated to include:

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

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 tentative monitoring schedule at fixed locations for the next three months is shown below:

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

#### 8.2 Comments, Recommendations and Conclusions

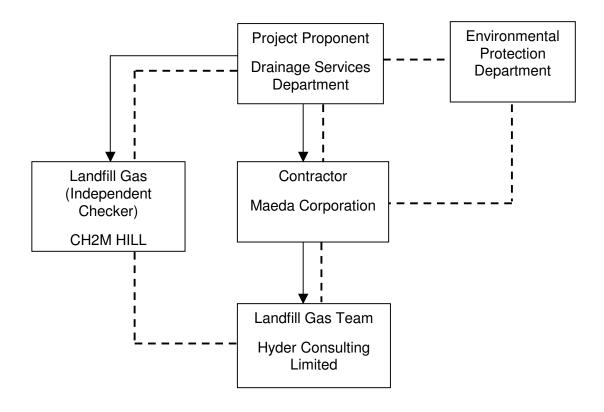
The LFG mitigation measures adopted by the Contractor during the reporting period are considered have been implemented in a satisfactory manner and there have been no exceedances in A/L Levels. The EM&A programme is considered to have performed acceptably and there are no recommendations for improvements or modifications at this time.

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



**Project Organisation** 





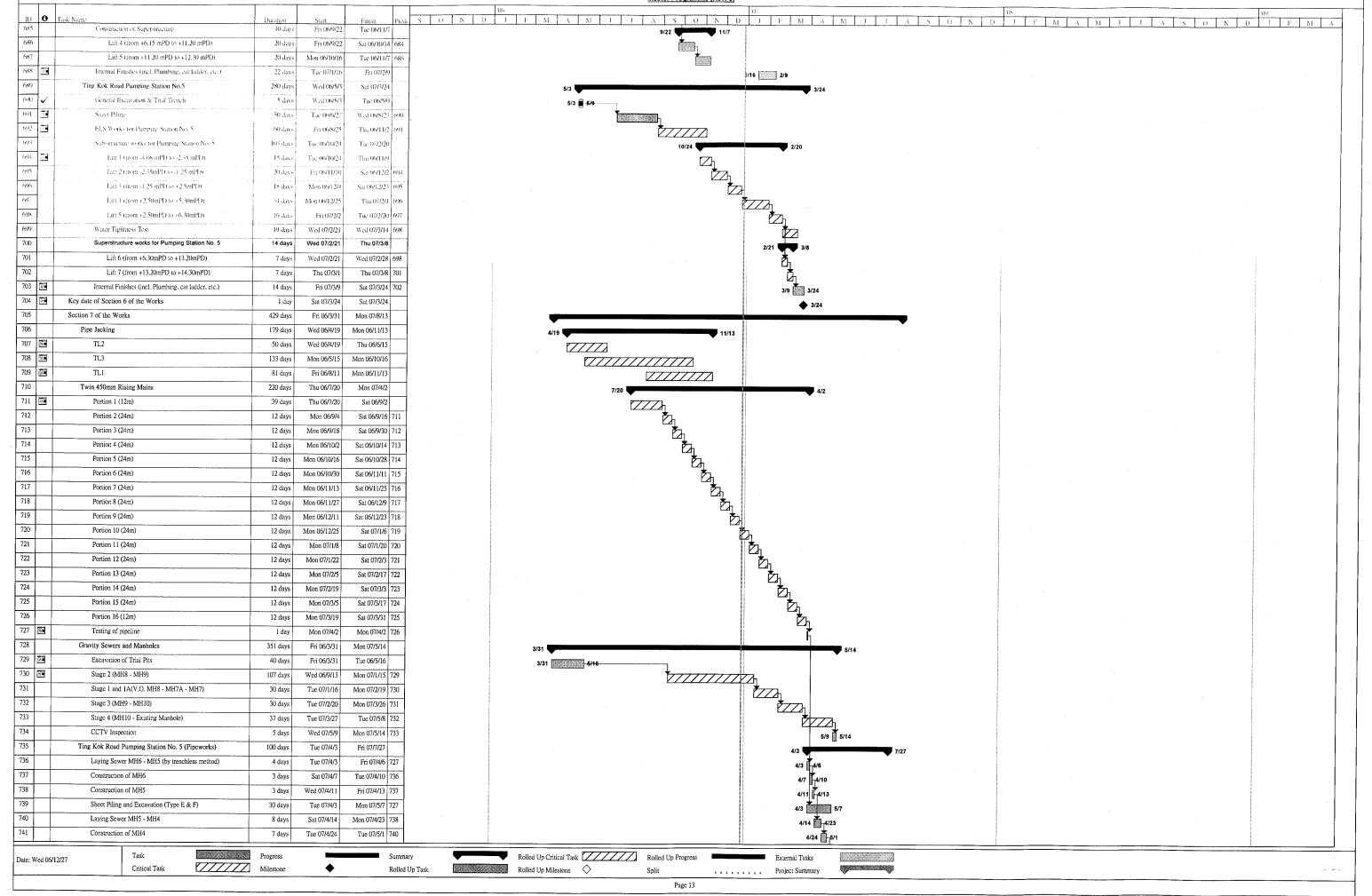
---- Line of communication

Line of Authority



**Construction Programme** 

Maeda Corporation
Contract No. DC/2005/01
Expansion of Shek Wu Hui Sewage Treatment Works and
Upgrading of Ting Kok Road Pumping Station No 5
Master Programme (Rev. 5)

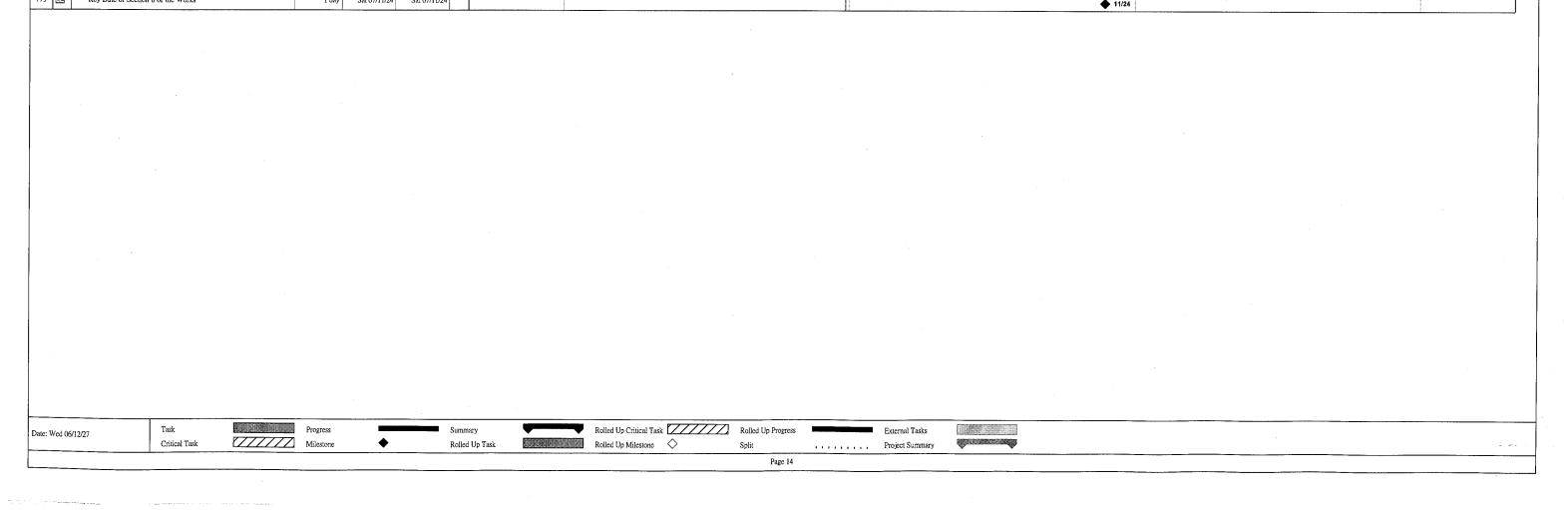


Maeda Corporation
Contract No. DC/2005/01

Expansion of Shek Wu Hui Sewage Treatment Works and
Upgrading of Ting Kok Road Pumping Station No 5

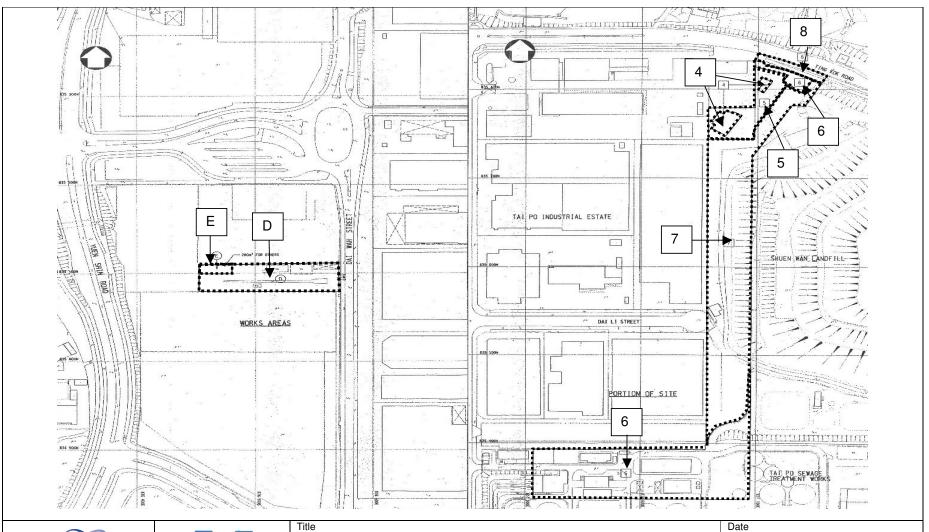
Master Programme (Rev. 5)

J J A S O N D ID O Task Nar Duration Laying Sewer MH4 - MH3 7 days Wed 07/5/2 Wed 07/5/9 74 5/2 -5/9 Construction of MH3 7 days Thu 07/5/10 Thu 07/5/17 742 5/10 5/17 744 Laying Sewer MH3 - MH2 5 days Fri 07/5/18 Wed 07/5/23 743 5/18 5/23 745 Construction of MH2 7 day Thu 07/5/24 Thu 07/5/31 744 5/24 5/31 Laying Sewer MH2 - MH1 5 days Fri 07/6/1 Wed 07/6/6 745 6/1 6/6 Construction of MH1 7 days Thu 07/6/7 Thu 07/6/14 7 16 6/7 6/14 Laving Sewer MH4 - F2 6 days Fr: 07/6/15 Thu 07/6/21 74 6/15 76/21 Modification of F2 5 days Fri 07/6/22 Wed 07/6/2 6/22 76/27 Laving Sewer P/S - MH6 Zdays The 07775 6/28 7/5 5 days En 077/6 Testing of pipeline West 077711 750 7/6 7/11 Tue 09/3/17 [751 Laying Sewer P/S - Existing box earliert 5 days Thu 07/7/12 7/12 7/17 Connection to existing box culvert 5 days Wed 07/7/18 Mon 07/7/23 752 7/18 7/23 CCTVInspection 4 day Tac 07/7/24 Fri 07/7/27 75: 7/24 7/27 Remaining Works for P/S and T/H 142 day Thu 07/3/1 Mon 07/8/13 Civil works for E&M installation (Cable Ducts & Draw Pits) 135 day: Fri 07/3/9 Mon 07/8/13 External Finishes Wed 07/7/18 120 days Thu 07/3/1 758 43 days Rooting Finishes Thu 07/3/1 Thu 07/4/19 3/1 4/19 759 Key Date of Section 7 of the Works 1 day Fri 07/7/27 Fri 07/7/27 Section 8 - All Remaining Works 183 days Thu 07/4/26 Sat 07/11/24 761 E&M installation (by Others) 157 days Thu 07/4/26 Thu 07/10/25 762 External Cable Duct, Drainage & Catchpit 55 days Tue 07/8/14 Tue 07/10/16 756 8/14 10/16 763 Construction of Boundary Wall 58 days Tue 07/8/14 Fri 07/10/19 756 764 Demolition of Existing Boundary Wall 7 days Sat 07/10/20 Sat 07/10/27 763 10/20 10/27 765 Road Paving 21 days Sat 07/10/20 Tue 07/11/13 762,7 10/20 11/13 Testing and Commissioning (by Others) 80 days Wed 07/8/15 Thu 07/11/15 Connection to MH F2 7 days Mon 07/7/23 Mon 07/7/30 7/23 7/30 768 Connection to MH1 7 days Mon 07/7/23 Mon 07/7/30 7/23 7/30 769 Demolition of existing pumping pit 7 days Tue 07/7/31 Tuc 07/8/7 767 7/31 78/7 770 Grouting for Existing Sewer & Manhole Tue 07/9/11 769 30 days Wed 07/8/8 771 Landscaping 30 days Wed 07/9/12 Tue 07/10/16 770 772 34 days Wed 07/10/17 Sat 07/11/24 771 773 Key Date of Section 8 of the Works Sat 07/11/24 Sat 07/11/24 1 day





Location of Works and Project Area





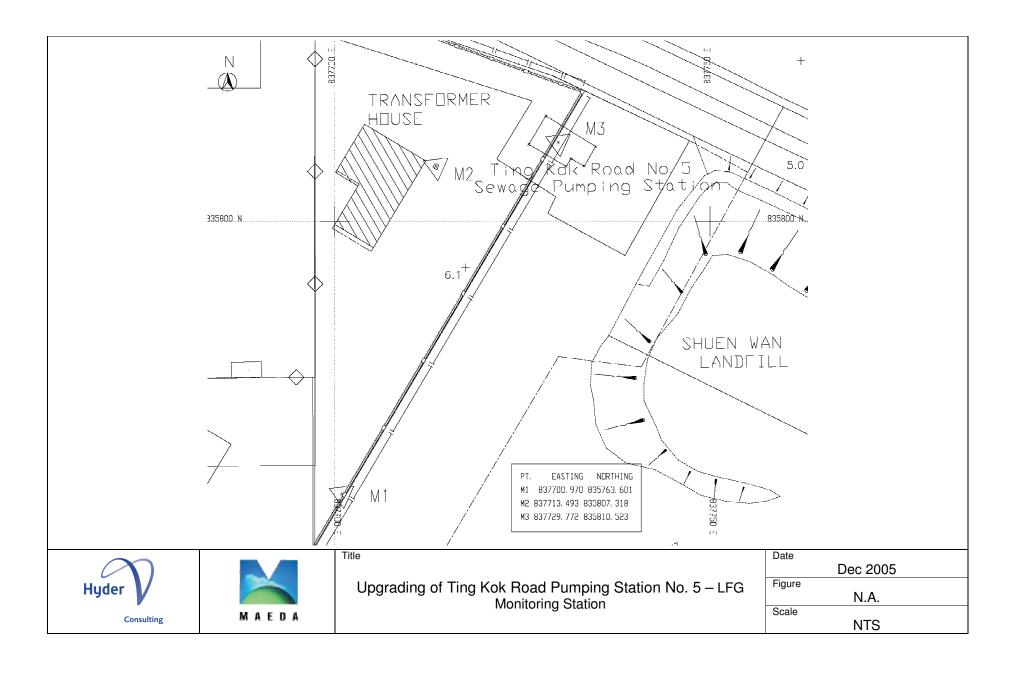


Upgrading of Ting Kok Road Pumping Station No. 5 – Portion of Site and Works Area

Date		
- 4.5		
	Dec 2005	
	Dec 2005	
-		
Figure		
	N.A.	
	1 4.7 %	
Scale		
Julie		
	NITO	
	NTS	



**Fixed Monitoring Locations** 





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				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.	Υ	\A/ithin			
6.2	No worker should work alone at any time in the confined area or any excavation trenches.	Y	Within the work site	Contractor	Construction	
6.2	Construction equipment should be equipped with a vertical exhaust at least 0.6m above ground level and/or with spark arrestors	Υ				Landfill Gas
6.2	Electrical motors and electrical extension cords should be explosion-proof or intrinsically safe.	N/A				Hazard Assessment Guidance Note
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				(EPD/TR8/97)
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:	N/A				
	<ul> <li>at the ground surface before excavation commences;</li> </ul>					
	<ul> <li>immediately before any worker enters the excavation;</li> </ul>					
	<ul> <li>at the beginning of each half working day (i.e morning and afternoon) for the entire period the excavation remains open; and</li> </ul>					
	<ul> <li>periodically through the working day whilst works are in the excavation.</li> </ul>					

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:	Y				
	<ul> <li>Directly after the excavation has been completed; and</li> </ul>					
	<ul> <li>Periodically whilst the excavation remains open.</li> </ul>					
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
6.3	The cracks on the ground level at the working area should be monitored during ground-works construction	N/A				Guidance Note (EPD/TR8/97)
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:	Y				
	<ul> <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> </ul>					
	<ul> <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>					
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) in 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:

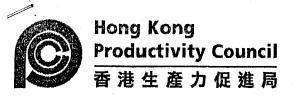
Y – Implemented

 $N-Not\ Implemented$ 

N/A - Not Applicable



Calibration Records





#### **Environmental Management Division**

#### **CALIBRATION REPOR**

Client Address

: Maeda Corporation : 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, %	" "Andrew "	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





: CR 000075

: 23/08/2006

: 2 of 2

#### **Environmental Management Division**

Client

: Maeda Corporation

Address : Tai Po Site Office, Ting Kok Road,

Tai Po

Received Date

: 19/08/2006

Approved Signatory: Grace Ting

Remarks

Completion Date

: 22/08/2006

Report No.

Page No.

Issue Date

#### **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		



Field Measurement Recording Sheets

Name of site:

Ting Kok Road Pumping Station No.5 31-Mar-07

Dates calibrated
22/08/2006

1X=1	1				Perimeter or	n-site and/or off-site	e monitoring hole	S	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement	Time	condition		(methane %)	(%)			1
Portion 5	31-Mar-07	13:06	Fine	79.2	0	0	20.7	30	Ground
Portion 5	31-Mar-07	13:07	Fine	79.3	0	0	20.6	30	4m depth
Portion 4	31-Mar-07	13:09	Fine	79.2	0	0	20.6	30	Ground
Portion 7	31-Mar-07	13:11	Fine	79.3	0	0	20.6	30	Ground
Portion 7	31-Mar-07	13:14	Fine	79.2	0	0	20.7	30	4m depth
Portion 7	31-Mar-07	13:16	Fine	79.3	0	0	20.8	30	4m depth
Portion 7	31-Mar-07	13:17	Fine	79.3	0	0	20.7	30	Ground
Portion 6	31-Mar-07	13:18	Fine	79.3	0	0	20.7	30	2m depth
									ite.

Field Technician:		Checked by:	the	
	(Syb-Agent)	· -	(RSO)	

Name of site:

Ting Kok Road Pumping Station No.5 31-Mar-07

Dates calibrated
22/08/2006

		1		<del></del>	Perimeter or	n-site and/or off-sit	e monitorina hole	s	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement	Time	condition		(methane %)	(%)			
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
							11.		

Field Technician:		Checked by:		
,	(Sub Agent / Supervisor)		(RSO)	-

Name of site:

Ting Kok Road Pumping Station No.5 30-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-site	monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	30-Mar-07	13:06	Fine	79.2	0	0	20.7	29.7	Ground
Portion 5	30-Mar-07	13:07	Fine	79.3	0	0	20.6	29.7	4m depth
Portion 4	30-Mar-07	13:09	Fine	79.3	0	0	20.6	29.7	Ground
Portion 7	30-Mar-07	13:11	Fine	79.3	0	0	20.6	29.7	Ground
Portion 7	30-Mar-07	13:14	Fine	79.3	0	0	20.7	29.7	4m depth
Portion 7	30-Mar-07	13:16	Fine	79.3	0	0	20.8	29.7	4m depth
Portion 7	30-Mar-07	13:17	Fine	79.3	0	0	20.7	29.7	Ground
Portion 6	30-Mar-07	13:18	Fine	79.3	0	0	20.7	29.7	2m depth
				L.					
		<b>-</b>							

Field Technician:		Checked by:	No.		
	(Syb-Agent)	-	(RSO)		

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

30-Mar-07

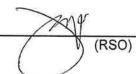
Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-site	e monitoring holes	S	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement		condition		(methane %)	(%)			
Portion 5	30-Mar-07	8:11	Fine	79.2	0	0	20.6	28.4	Ground
Portion 5	30-Mar-07	8:12	Fine	79.3	0	0	20.7	28.4	4m depth
Portion 4	30-Mar-07	8:14	Fine	79.3	0	0	20.7	28.4	Ground
Portion 7	30-Mar-07	8:16	Fine	79.3	0	0	20.6	28.4	Ground
Portion 7	30-Mar-07	8:17	Fine	79.3	0	0	20.7	28.4	4m depth
Portion 7	30-Mar-07	8:18	Fine	79.3	0	0	20.7	28.4	4m depth
Portion 7	30-Mar-07	8:20	Fine	79.3	0	0	20.7	28.4	Ground
Portion 6	30-Mar-07	8:28	Fine	79.3	0	0	20.7	28.4	2m depth
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H	eld	Technician:	

(Sub-Agent / Supervisor)

Checked by:



Name of site:

Ting Kok Road Pumping Station No.5 29-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-site	monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition	-	(methane %)	(%)			
Portion 5	29-Mar-07	13:06	Fine	79.3	0	0	20.7	28.9	Ground
Portion 5	29-Mar-07	13:07	Fine	79.3	0	0	20.6	28.9	4m depth
Portion 4	29-Mar-07	13:09	Fine	79.3	0	0	20.6	28.9	Ground
Portion 7	29-Mar-07	13:11	Fine	79.2	0	0	20.6	28.9	Ground
Portion 7	29-Mar-07	13:14	Fine	79.3	0	0	20.7	28.9	4m depth
Portion 7	29-Mar-07	13:16	Fine	79.3	0	0	20.8	28.9	4m depth
Portion 7	29-Mar-07	13:17	Fine	79.3	0	0	20.7	28.9	Ground
Portion 6	29-Mar-07	13:18	Fine	79.3	0	0	20.7	28.9	2m depth
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		<b></b>	<b> </b>						

Field Technician:	A	Checked by:	- JAG-	
	(Sub-Agent)	_	(RSO)	

Name of site:

Ting Kok Road Pumping Station No.5 29-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-sit	e monitoring hole	S	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation			condition		(methane %)	(%)			
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
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Field Technician:	A	Checked by:	780		
	(Sub-Agent / Supervisor)		(RSO)		

Name of site:

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

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

					Perimeter or	n-site and/or off-site	monitoring holes	S	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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
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Field Technician:	$\mathcal{A}$	Checked by:	No	
	(Sub-Agent)	_		(RSO)

Name of site:

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

Date of Measurement:

Smapling equipment used:	Dates calibrate
GA 2000	22/08/2006
	22/00/2000

				Perimeter on-site and/or off-site monitoring holes						
Sample		Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
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	
									314	
- ,										

(Sub-Agent / Supervisor)

Checked by:



Name of site:

Ting Kok Road Pumping Station No.5 27-Mar-07

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

		Perimeter on-site and/or off-site monitoring holes							
Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
Measurement	Time	condition		(methane %)	(%)				
27-Mar-07	13:06	Fine	79.3	0	0	20.7	29.9	Ground	
27-Mar-07	13:07	Fine	79.3	0	0	20.6	29.9	4m depth	
	13:09	Fine	79.3	0	0	20.6	29.9	Ground	
27-Mar-07	13:11	Fine	79.3	0	0	20.6	29.9	Ground	
27-Mar-07	13:14	Fine	79.3	0	0	20.7	29.9	4m depth	
27-Mar-07	13:16	Fine	79.3	0	0	20.8	29.9	4m depth	
27-Mar-07	13:17	Fine	79.2	0	0	20.7	29.9	2m depth	
27-Mar-07	13:18	Fine	79.3	0	0	20.7	29.9	2m depth	
	H-11-H-113								
	Measurement 27-Mar-07 27-Mar-07 27-Mar-07 27-Mar-07 27-Mar-07 27-Mar-07	Measurement         Time           27-Mar-07         13:06           27-Mar-07         13:07           27-Mar-07         13:09           27-Mar-07         13:11           27-Mar-07         13:14           27-Mar-07         13:16           27-Mar-07         13:17	Measurement         Time         condition           27-Mar-07         13:06         Fine           27-Mar-07         13:07         Fine           27-Mar-07         13:09         Fine           27-Mar-07         13:11         Fine           27-Mar-07         13:14         Fine           27-Mar-07         13:16         Fine           27-Mar-07         13:17         Fine	Measurement         Time         condition           27-Mar-07         13:06         Fine         79.3           27-Mar-07         13:07         Fine         79.3           27-Mar-07         13:09         Fine         79.3           27-Mar-07         13:11         Fine         79.3           27-Mar-07         13:14         Fine         79.3           27-Mar-07         13:16         Fine         79.3           27-Mar-07         13:17         Fine         79.2	Date Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)           27-Mar-07         13:06         Fine         79.3         0           27-Mar-07         13:07         Fine         79.3         0           27-Mar-07         13:09         Fine         79.3         0           27-Mar-07         13:11         Fine         79.3         0           27-Mar-07         13:14         Fine         79.3         0           27-Mar-07         13:16         Fine         79.3         0           27-Mar-07         13:16         Fine         79.3         0           27-Mar-07         13:17         Fine         79.2         0	Date Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)         Carbon Dioxide (%)           27-Mar-07         13:06         Fine         79.3         0         0           27-Mar-07         13:07         Fine         79.3         0         0           27-Mar-07         13:09         Fine         79.3         0         0           27-Mar-07         13:11         Fine         79.3         0         0           27-Mar-07         13:14         Fine         79.3         0         0           27-Mar-07         13:16         Fine         79.3         0         0           27-Mar-07         13:17         Fine         79.2         0         0	Date         of Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)         Carbon Dioxide (%)         Oxygen (%)           27-Mar-07         13:06         Fine         79.3         0         0         20.7           27-Mar-07         13:07         Fine         79.3         0         0         20.6           27-Mar-07         13:09         Fine         79.3         0         0         20.6           27-Mar-07         13:11         Fine         79.3         0         0         20.6           27-Mar-07         13:14         Fine         79.3         0         0         20.7           27-Mar-07         13:16         Fine         79.3         0         0         20.8           27-Mar-07         13:17         Fine         79.2         0         0         20.7	Date         of Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (%)         Carbon Dioxide (%)         Oxygen (%)         Temp (°C)           27-Mar-07         13:06         Fine         79.3         0         0         20.7         29.9           27-Mar-07         13:07         Fine         79.3         0         0         20.6         29.9           27-Mar-07         13:09         Fine         79.3         0         0         20.6         29.9           27-Mar-07         13:11         Fine         79.3         0         0         20.6         29.9           27-Mar-07         13:14         Fine         79.3         0         0         20.7         29.9           27-Mar-07         13:16         Fine         79.3         0         0         20.8         29.9           27-Mar-07         13:17         Fine         79.2         0         0         20.7         29.9           27-Mar-07         13:17         Fine         79.2         0         0         20.7         29.9	

Field Technician:		Checked by:	M	
	(Syb-Agent)		(RSO)	

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

27-Mar-07

22/08/2006
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			Perimeter on-site and/or off-site monitoring holes							
ample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
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	
							Sing Karamanan			

Field	Technicia	n:

(Sub-Agent / Supervisor)

Checked by:

(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 26-Mar-07

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

			Perimeter on-site and/or off-site monitoring holes						
Sample Location	Date of Measurement	Samping Time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
	26-Mar-07			79.6			20.3	23.5	
M1 M3	26-Mar-07			79.6		0	20.3	23.5	
									4-10-
								11.	
									<del></del>

Field Technician:	1-1	Checked by:	An
	(Sub-Agent / Supervisor)		(R\$D)

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

26-Mar-07

mapling equipment use	d: Dates calibrated
GA 2000	22/08/2006
GA 2000	22/06/2

			Perimeter on-site and/or off-site monitoring holes						
Sample		Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement		condition		(methane %)	(%)			
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
	2017/1005								
				L.					
				1					

Field Technician:	A.	Checked by:		
	(Sub-Agent) Supery 1 Cov			

Name of site:

Ting Kok Road Pumping Station No.5 26-Mar-07

Smapling equipment used:	Dates calibrate		
GA 2000	22/08/200		

				Perimeter on-site and/or off-site monitoring holes					
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement		condition		(methane %)	(%)			
Portion 5	26-Mar-07	8:11	Fine	79.3	0	0	20.6	21.9	Ground
Portion 5	26-Mar-07	8:12	Fine	79.2	0	0	20.7	21.9	4m depth
Portion 4	26-Mar-07	8:14	Fine	79.2	0	0	20.7	21.9	Ground
Portion 7	26-Mar-07	8:16	Fine	79.3	0	0	20.6	21.9	Ground
Portion 7	26-Mar-07	8:17	Fine	79.2	0	0	20.7	21.9	4m depth
Portion 7	26-Mar-07	8:18	Fine	79.2	0	0	20.7	21.9	4m depth
Portion 7	26-Mar-07	8:20	Fine	79.2	0	0	20.7	21.9	2m depth
Portion 6	26-Mar-07	8:28	Fine	79.2	0	0	20.7	21.9	2m depth
				7					
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Field Technician:	1.	Checked by:	Osno
ricia reomnoian.	( <del>Şub-Agen</del> t / Supervisor)	•	(RED)

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

25-Mar-07

Dates calibrate
22/08/2006

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
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	
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(Sub-Agent)	supervi	็ง~

Checked by:

Name of site: Ting Kok Road Pumping Station No.5

Date of Measurement: 25-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
G/12000	2210012000

			Perimeter on-site and/or off-site monitoring holes						
Sample	1	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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
	West size						(a		

Field Technician:	<u>A.</u>	Checked by:	Ano		
	-(Sub-Agent / Supervisor)		(R\$O)		

Name of site:

Ting Kok Road Pumping Station No.5 24-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
ample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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
		-				1			

Field Technician:	A:	Checked by:	
	(Sub-Agent) Supervigor		

Name of site:

Ting Kok Road Pumping Station No.5 24-Mar-07

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

								Perimeter or	n-site and/or off-site	monitoring holes		
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark			
_ocation	Measurement	Time	condition		(methane %)	(%)						
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:	do-	Checked by:	Ano
Tiola Tooliillola	( <del>Sub-Agent</del> / Supervisor)		(RSQ)

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

23-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
3/12400	22/00/2000

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	23-Mar-07	13:06	Fine	79.3	0	0	20.7	23.4	Ground
Portion 5	23-Mar-07	13:07	Fine	79.3	0	0	20.6	23.4	4m depth
Portion 4	23-Mar-07	13:09	Fine	79.3	0	0	20.6	23.4	Ground
Portion 7	23-Mar-07	13:11	Fine	79.3	0	0	20.6	23.4	Ground
Portion 7	23-Mar-07	13:14	Fine	79.3	0	0	20.7	23.4	4m depth
Portion 7	23-Mar-07	13:16	Fine	79.3	0	0	20.8	23.4	4m depth
Portion 7	23-Mar-07	13:17	Fine	79.1	0	0	20.7	23.4	2m depth
Portion 6	23-Mar-07	13:18	Fine	79.2	0	0	20.7	23.4	2m depth
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(Sub-Agent) Sypenv: 9 ur

Checked by:

(RSQ)

Name of site:

Ting Kok Road Pumping Station No.5 23-Mar-07

Smapling equipment used:	Dates calibrated
CA 2000	
GA 2000	22/08/2006

Sample	Date of	Commin	Weather	Balance gas (%)	Perimeter or	n-site and/or off-site	monitoring holes		
ocation Portion 5	Measurement		condition	Dalance gas (%)	and gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Portion 5	23-Mar-07	8:11	Fine	79.3	(methane %)	(%)		32 (1 %	
Portion 4	23-Mar-07	8:12	Fine	79.3	0	0	20.6	19.2	10
	23-Mar-07	8:14	Fine	79.1	0	0	20.6	19.2	Ground
Portion 7	23-Mar-07	8:16	Fine	79.3	0	0	20.8	19.2	4m depth
Portion 7	23-Mar-07	8:17	Fine	79.2	0	0	20.6	19.2	Ground
Portion 7	23-Mar-07	8:18	Fine	79.4	0	0	20.7	19.2	Ground
Portion 7	23-Mar-07	8:20	Fine	79.2	0	0	20.5		4m depth
Portion 6	23-Mar-07	8:28	Fine	79.2	0	0	20.7	19.2	4m depth
			0	19.2	0	0	20.7	19.2	2m depth
							20.1	19.2	2m depth

Field Technician:	(8ub-Agent / Supervisor)	Checked by:	- Oxo
	( - we regard outpervisor)	•	(RSO)

Name of site:

Ting Kok Road Pumping Station No.5

Date of Measurement:

22-Mar-07

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

Date of	L				n-site and/or off-site	, monitoring noise	,	
Date	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
	Time	condition		(methane %)	(%)			
22-Mar-07	13:06	Fine	79.3	0	0	20.7	20.5	Ground
22-Mar-07	13:07	Fíne	79.3	0	0	20.6	19.7	4m depth
22-Mar-07	13:09	Fine	79.3	0	0	20.6	19.7	Ground
		Fine	79.3	0	0	20.6	20.5	Ground
			79.2	0	0	20.7	20.5	4m depth
		Fine		0	0	20.8	20.5	4m depth
		Fine		0	0	20.7	20.5	2m depth
22-Mar-07	13:18	Fine	79.2	0	0	20.7	20.5	2m depth
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						- W 5,		
	22-Mar-07 22-Mar-07	22-Mar-07 13:06 22-Mar-07 13:07 22-Mar-07 13:09 22-Mar-07 13:11 22-Mar-07 13:14 22-Mar-07 13:16 22-Mar-07 13:17	22-Mar-07       13:06       Fine         22-Mar-07       13:07       Fine         22-Mar-07       13:09       Fine         22-Mar-07       13:11       Fine         22-Mar-07       13:14       Fine         22-Mar-07       13:16       Fine         22-Mar-07       13:17       Fine	22-Mar-07     13:06     Fine     79.3       22-Mar-07     13:07     Fine     79.3       22-Mar-07     13:09     Fine     79.3       22-Mar-07     13:11     Fine     79.3       22-Mar-07     13:14     Fine     79.2       22-Mar-07     13:16     Fine     79.3       22-Mar-07     13:17     Fine     79.2	22-Mar-07     13:06     Fine     79.3     0       22-Mar-07     13:07     Fine     79.3     0       22-Mar-07     13:09     Fine     79.3     0       22-Mar-07     13:11     Fine     79.3     0       22-Mar-07     13:14     Fine     79.2     0       22-Mar-07     13:16     Fine     79.3     0       22-Mar-07     13:17     Fine     79.2     0	22-Mar-07     13:06     Fine     79.3     0     0       22-Mar-07     13:07     Fine     79.3     0     0       22-Mar-07     13:09     Fine     79.3     0     0       22-Mar-07     13:11     Fine     79.3     0     0       22-Mar-07     13:14     Fine     79.2     0     0       22-Mar-07     13:16     Fine     79.3     0     0       22-Mar-07     13:17     Fine     79.2     0     0	22-Mar-07     13:06     Fine     79.3     0     0     20.7       22-Mar-07     13:07     Fine     79.3     0     0     20.6       22-Mar-07     13:09     Fine     79.3     0     0     20.6       22-Mar-07     13:11     Fine     79.3     0     0     20.6       22-Mar-07     13:14     Fine     79.2     0     0     20.7       22-Mar-07     13:16     Fine     79.3     0     0     20.8       22-Mar-07     13:17     Fine     79.2     0     0     20.7	22-Mar-07         13:06         Fine         79.3         0         0         20.7         20.5           22-Mar-07         13:07         Fine         79.3         0         0         20.6         19.7           22-Mar-07         13:09         Fine         79.3         0         0         20.6         19.7           22-Mar-07         13:11         Fine         79.3         0         0         20.6         20.5           22-Mar-07         13:14         Fine         79.2         0         0         20.7         20.5           22-Mar-07         13:16         Fine         79.3         0         0         20.8         20.5           22-Mar-07         13:17         Fine         79.2         0         0         20.7         20.5

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(Sub-Agent) SUKVY OV

Checked by:

Name of site:

Ting Kok Road Pumping Station No.5 22-Mar-07

22/08/2006

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
_ocation	Measurement	Time	condition		(methane %)	(%)				
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	
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Field Technician:	A.r.	Checked by:	Aus
	( <del>Sub-Age</del> nt / Supervisor)		(R\$Q)

Name of site:

Ting Kok Road Pumping Station No.5 21-Mar-07

22/08/2006

of urement Mar-07 Mar-07 Mar-07 Mar-07 Mar-07 Mar-07 Mar-07	Samping Time 13:06 13:07 13:09 13:11 13:14 13:16 13:17 13:18	Weather condition Fine Fine Fine Fine Fine Fine Fine Fin	79.2 79.3 79.3 79.3 79.2 79.1 79.2	Flammable gas (methane %)  0  0  0  0  0  0  0  0  0	(%) 0 0 0 0 0 0	20.7 20.6 20.6 20.6 20.7 20.8	Temp (°C)  19.7  19.7  19.7  19.7  19.7  19.7  19.7	Remark  Ground  4m depth  Ground  Ground  4m depth
Mar-07 Mar-07 Mar-07 Mar-07 Mar-07 Mar-07	13:06 13:07 13:09 13:11 13:14 13:16 13:17	Fine Fine Fine Fine Fine Fine Fine Fine	79.3 79.3 79.3 79.2 79.1 79.2	0 0 0 0 0	0 0 0 0 0	20.6 20.6 20.6 20.7 20.8	19.7 19.7 19.7 19.7	4m depth Ground Ground
Mar-07 Mar-07 Mar-07 Mar-07 Mar-07 Mar-07	13:07 13:09 13:11 13:14 13:16 13:17	Fine Fine Fine Fine Fine Fine Fine	79.3 79.3 79.3 79.2 79.1 79.2	0 0 0 0 0	0 0 0 0	20.6 20.6 20.6 20.7 20.8	19.7 19.7 19.7 19.7	4m depth Ground Ground
Mar-07 Mar-07 Mar-07 Mar-07 Mar-07	13:09 13:11 13:14 13:16 13:17	Fine Fine Fine Fine Fine	79.3 79.3 79.2 79.1 79.2	0 0 0 0	0 0 0	20.6 20.6 20.7 20.8	19.7 19.7 19.7	4m depth Ground Ground
Mar-07 Mar-07 Mar-07 Mar-07	13:11 13:14 13:16 13:17	Fine Fine Fine Fine	79.3 79.2 79.1 79.2	0 0 0	0 0 0	20.6 20.7 20.8	19.7 19.7	Ground
Mar-07 Mar-07 Mar-07	13:14 13:16 13:17	Fine Fine Fine	79.2 79.1 79.2	0	0	20.7 20.8	19.7	
Mar-07 Mar-07	13:16 13:17	Fine Fine	79.1 79.2	0	0	20.8		4m depth
Mar-07	13:17	Fine	79.2				10.7	
				0	_		13.1	4m depth
Mar-07	13:18	Fine			0	20.7	19.7	2m depth
			79.2	0	0	20.7	19.7	2m depth

Field Technician:	(Sub-Agent)	Checked by:	(RSO)
	(565) (3511)		1

Name of site:

Ting Kok Road Pumping Station No.5 21-Mar-07

Dates calibrated
22/08/2006

				Perimeter on-site and/or off-site monitoring holes					
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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	Grøund
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
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Field Technician:	& <del>\</del>	Checked by:	Sto		
,	(Sub-Agent / Supervisor)		(R\$O)		

Name of site:

Ting Kok Road Pumping Station No.5 20-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
ample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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:		Checked by:	Des
	(Sub-Agent)		(R\$O)

Name of site:

Ting Kok Road Pumping Station No.5 20-Mar-07

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

					Perimeter or	n-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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
		1							

Field Technician:		Checked by:	agro
	(Sub-Agent / Supervisor)		(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 19-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample		Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement		condition		(methane %)	(%)			
Portion 5	19-Mar-07	13:06	Fine	79.2	0	O O	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:	(SVIb Agent)	Checked by:	des
	(Sdb-Agent)		(R <b>ŠΦ</b> )

Name of site:

Ting Kok Road Pumping Station No.5 19-Mar-07

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

					Perimeter or	-site and/or off-site	e monitoring holes	3	
Sample		Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation		Time	condition		(methane %)	(%)			
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:	2	Checked by:	Odro
	(Sub Agent / Supervisor)		(R <b>S</b> O)

Name of site:

Ting Kok Road Pumping Station No.5 18-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-sit	e monitoring hole	S	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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:		Checked by:	alo
	(Sub-Agent)	· · · · · · · · · · · · · · · · · · ·	(R <b>S</b> \$)

Name of site:

Ting Kok Road Pumping Station No.5 18-Mar-07

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

					Perimeter or	-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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:		Checked by:	also
	(Sub-Agent / Supervisor)	-	(RED)

Name of site:

Ting Kok Road Pumping Station No.5 17-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
GA 2000	22/06/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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:	<b>A</b>	Checked by:	dia
	(Sub Agent)		(R&Q)

Name of site:

Ting Kok Road Pumping Station No.5 17-Mar-07

Smapling equipment used:
GA 2000

					Desimates	aita anal/ar aff ait			
		10/41-	D 1 (04)	Perimeter or	n-site and/or off-site				
	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
	Measurement		condition		(methane %)	(%)			
Portion 5	17-Mar-07	8:11	Fine	79.2	0	0	20.7	20.9	Ground
Portion 5	17-Mar-07	8:12	Fine	79.1	0	0	20.8	20.9	4m depth
Portion 4	17-Mar-07	8:14	Fine	79.2	0	0	20.7	20.9	Ground
Portion 7	17-Mar-07	8:16	Fine	79.1	0	0	20.8	20.9	Ground
Portion 7	17-Mar-07	8:17	Fine	79.1	0	0	20.8	20.9	4m depth
Portion 7	17-Mar-07	8:18	Fine	79.2	0	0	20.7	20.9	4m depth
Portion 7	17-Mar-07	8:20	Fine	79.2	0	0	20.7	20.9	2m depth
Portion 6	17-Mar-07	8:28	Fine	79.2	0	0	20.7	20.9	2m depth

Field Technician:		Checked by:	Ada
	(Sub <sup>U</sup> Agent / S <del>upervis</del> or)		(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 16-Mar-07

22/08/2006

			A	Perimeter or	-site and/or off-site	e monitoring holes	3		
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			1
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
			<b></b>						
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									<b>-</b>
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Field Technician:		Checked by:	Res
	(Sứb-Ágent)		(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 16-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/02/2006
GA 2000	22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	107		condition		(methane %)	(%)		,	
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
79.00									

Field Technician:		Checked by:	Aug
	(Sub <sup>≠</sup> Agent / S <del>upervi</del> sor)		(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 15-Mar-07

Dates calibrated
22/08/2006

ement 7 ar-07 ar-07 ar-07 ar-07	Samping Time 13:04 13:06 13:09 13:10	Weather condition Fine Fine Fine	79.3 79.3	Perimeter or Flammable gas (methane %)	n-site and/or off-site Carbon Dioxide (%)	omonitoring holes Oxygen (%)	Temp (°C)	Remark
ement 7 ar-07 ar-07 ar-07 ar-07	Time 13:04 13:06 13:09	condition Fine Fine	79.3	(methane %)	(%)	Oxygen (%)	Temp (°C)	Remark
ar-07 ar-07 ar-07 ar-07 ar-07	13:04 13:06 13:09	Fine Fine						
ar-07 ar-07 ar-07 ar-07	13:06 13:09	Fine		0				
ar-07 ar-07 ar-07	13:09		79.3		0	20.6	22.2	Ground
ar-07 ar-07		Fine	. 5.0	0	0	20.6	22.2	4m depth
ar-07	12:10	Line	79.2	0	0	20.7	22.2	Ground
	13.10	Fine	79.3	0	0	20.6	22.2	Ground
	13:14	Fine	79.3	0	0	20.6	22.2	4m depth
ar-07	13:15	Fine	79.3	0	0	20.6	22.2	4m depth
ar-07	13:16	Fine	79.2	0	0	20.7	22.2	2m depth
ar-07	13:19	Fine	79.2	0	0	20.7	22.2	2m depth
								+

Field Technician:		Checked by:	Dry		
	(Sub-Agent)	,	(R60)		

Name of site:

Ting Kok Road Pumping Station No.5 15-Mar-07

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

	Date of					Perimeter or	n-site and/or off-site	monitoring holes	3	
Sample		Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
_ocation	Measurement		condition		(methane %)	(%)				
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	
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			-							
									-	

Field Technician:		Checked by:	Ala
	(Sub-Agent / Supervisor)		(R\$0)

Name of site:

Ting Kok Road Pumping Station No.5 14-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement		condition		(methane %)	(%)			
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
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Field Technician:	8	Checked by:	4200		
	(Sub-Agent / Sapervisor)		(R\$O)		

Name of site:

Ting Kok Road Pumping Station No.5 14-Mar-07

Smapling equipment used:	Dates calibrate
GA 2000	22/08/2006

Measurement 14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07	Samping Time 8:15 8:17 8:20 8:21	Weather condition Fine Fine Fine	79.6 79.5	Flammable gas (methane %) 0 0	Carbon Dioxide (%) 0	Oxygen (%) 20.3	Temp (°C)	Remark
Measurement 14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07	8:15 8:17 8:20 8:21	Fine Fine Fine	79.5	0	0		16.9	Ground
14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07	8:15 8:17 8:20 8:21	Fine Fine Fine	79.5				16.9	Ground
14-Mar-07 14-Mar-07 14-Mar-07 14-Mar-07	8:17 8:20 8:21	Fine		0	_			
14-Mar-07 14-Mar-07 14-Mar-07	8:20 8:21		70.0		0	20.4	16.9	Ground
14-Mar-07 14-Mar-07	8:21		79.6	0	0	20.3	16.9	4m depth
14-Mar-07		Fine	79.6	0	0	20.3	16.9	3m depth
	8:22	Fine	79.6	0	0	20.3	16.9	Ground
14-Mar-07	8:23	Fine	79.6	0	0	20.3	16.9	4m depth
			79.5	0	0	20.4	16.9	4m depth
			79.6	0	0	20.3	16.9	2m depth
14-Mar-07	8:26	Fine	79.6	0	0	20.3	16.9	2m depth
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310								
	14-Mar-07 14-Mar-07 14-Mar-07	14-Mar-07 8:25	14-Mar-07 8:25 Fine	14-Mar-07 8:25 Fine 79.6	14-Mar-07 8:25 Fine 79.6 0	14-Mar-07 8:25 Fine 79.6 0 0	14-Mar-07 8:25 Fine 79.6 0 0 20.3	14-Mar-07 8:25 Fine 79.6 0 0 20.3 16.9

Field Technician:	$\mathcal{A}_{-}$	Checked by:	XX to
	(Sub-Agent / Supervisor)		(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 13-Mar-07

Dates calibrate
22/08/2006

				Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
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	
		(/a)								

Field Technician:		Checked by:	Saro
	(Sub-Ağent / <del>Superviso</del> r)		(ŘSO)

Name of site:

Ting Kok Road Pumping Station No.5 13-Mar-07

Smapling equipment used:	Dates calibrate		
GA 2000	22/08/2006		

					Perimeter or	n-site and/or off-site	-site and/or off-site monitoring holes			
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
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	
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Field Technician:		Checked by:	aris
	(Sub-Agent / Supervisor)		(R(SD)

Name of site:

Ting Kok Road Pumping Station No.5 12-Mar-07

Dates calibrate
22/08/2006

					Perimeter or	n-site and/or off-site	e monitoring holes	3	
Sample ocation	Date of Measurement	Samping Time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon Dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Portion 5	12-Mar-07	13:05	Fine	79.6	0	O	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:	4	Checked by:	an
	(Sub-Agent / Supervisor)	,	(Aso)

Name of site:

Ting Kok Road Pumping Station No.5 12-Mar-07

Smapling equipment used:	Dates calibrate
GA 2000	22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	12-Mar-07	8:15	Fine	79.5	0	0	20.4	16.7	Ground
Portion 4	12-Mar-07	8:17	Fine	79.6	0	0	20.3	16.7	Ground
Portion 7	12-Mar-07	8:20	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	12-Mar-07	8:21	Fine	79.6	0	0	20.3	16.7	3m depth
Portion 7	12-Mar-07	8:22	Fine	79.6	0	0	20.3	16.7	Ground
Portion 7	12-Mar-07	8:23	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	12-Mar-07	8:24	Fine	79.6	0	0	20.3	16.7	4m depth
Portion 7	12-Mar-07	8:25	Fine	79.6	0	0	20.3	16.7	2m depth
Portion 6	12-Mar-07	8:26	Fine	79.6	0	0	20.3	16.7	2m depth

Field Technician:	A	Checked by:	Adro
	(Sub/Agent / S <del>uperv</del> isor)		(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 11-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
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				Perimeter on-site and/or off-site monitoring holes					
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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:		Checked by:	also
	(Sub-Agent / Supervisor)		(R\$Ø)

Name of site:

Ting Kok Road Pumping Station No.5 11-Mar-07

mapling equipment used:	Dates calibrated
GA 2000	22/08/2006
GA 2000	1 2

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation_	Measurement	Time	condition		(methane %)	(%)				
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	
			<u> </u>						-	

Field Technician:		Checked by:	De
	(Sub-Agent / Supervisor)	-	(RSQ)

Name of site:

Ting Kok Road Pumping Station No.5 10-Mar-07

22/08/2006

		Perimeter on-site and/or off-site monitoring holes							
		Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
								Ground	
								Ground	
<del></del>				0	0			4m depth	
	13:09	Fine	79.6	0	0	20.3	26.1	3m depth	
		Fine	79.6	0	0	20.3	26.1	Ground	
10-Mar-07	13:11	Fine	79.6	0	0	20.3	26.1	4m depth	
10-Mar-07	13:12	Fine	79.5	0	0	20.4	26.1	4m depth	
10-Mar-07	13:13	Fine	79.5	0	0	20.4	26.1	2m depth	
10-Mar-07	13:14	Fine	79.6	0	0	20.3	26.1	2m depth	
	Measurement 10-Mar-07 10-Mar-07 10-Mar-07 10-Mar-07 10-Mar-07 10-Mar-07 10-Mar-07	Measurement         Time           10-Mar-07         13:05           10-Mar-07         13:06           10-Mar-07         13:08           10-Mar-07         13:09           10-Mar-07         13:10           10-Mar-07         13:11           10-Mar-07         13:12           10-Mar-07         13:13	Material         Office         Samping           Measurement         Time         condition           10-Mar-07         13:05         Fine           10-Mar-07         13:06         Fine           10-Mar-07         13:08         Fine           10-Mar-07         13:09         Fine           10-Mar-07         13:10         Fine           10-Mar-07         13:11         Fine           10-Mar-07         13:12         Fine           10-Mar-07         13:13         Fine	Measurement         Time         condition           10-Mar-07         13:05         Fine         79.6           10-Mar-07         13:06         Fine         79.6           10-Mar-07         13:08         Fine         79.6           10-Mar-07         13:09         Fine         79.6           10-Mar-07         13:10         Fine         79.6           10-Mar-07         13:11         Fine         79.6           10-Mar-07         13:12         Fine         79.5           10-Mar-07         13:13         Fine         79.5           10-Mar-07         13:13         Fine         79.5	Date         of Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)           10-Mar-07         13:05         Fine         79.6         0           10-Mar-07         13:06         Fine         79.6         0           10-Mar-07         13:08         Fine         79.6         0           10-Mar-07         13:09         Fine         79.6         0           10-Mar-07         13:10         Fine         79.6         0           10-Mar-07         13:11         Fine         79.6         0           10-Mar-07         13:12         Fine         79.5         0           10-Mar-07         13:13         Fine         79.5         0	Date         of Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)         Carbon Dioxide (%)           10-Mar-07         13:05         Fine         79.6         0         0           10-Mar-07         13:06         Fine         79.6         0         0           10-Mar-07         13:08         Fine         79.6         0         0           10-Mar-07         13:09         Fine         79.6         0         0           10-Mar-07         13:10         Fine         79.6         0         0           10-Mar-07         13:11         Fine         79.6         0         0           10-Mar-07         13:12         Fine         79.5         0         0           10-Mar-07         13:13         Fine         79.5         0         0	Date of Measurement Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (methane %)         Carbon Dioxide (%)         Oxygen (%)           10-Mar-07         13:05         Fine         79.6         0         0         20.3           10-Mar-07         13:06         Fine         79.6         0         0         20.3           10-Mar-07         13:08         Fine         79.6         0         0         20.3           10-Mar-07         13:09         Fine         79.6         0         0         20.3           10-Mar-07         13:10         Fine         79.6         0         0         20.3           10-Mar-07         13:11         Fine         79.6         0         0         20.3           10-Mar-07         13:12         Fine         79.5         0         0         20.3           10-Mar-07         13:13         Fine         79.5         0         0         20.4           10-Mar-07         13:13         Fine         79.5         0         0         20.4	Date of Measurement         Samping Time         Weather condition         Balance gas (%)         Flammable gas (%)         Carbon Dioxide (%)         Oxygen (%)         Temp (°C)           10-Mar-07         13:05         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:06         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:08         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:09         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:10         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:11         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:12         Fine         79.6         0         0         20.3         26.1           10-Mar-07         13:13         Fine         79.5         0         0         20.4         26.1           10-Mar-07         13:13         Fine         79.5         0         0         20.4         26.1	

Field Technician:		Checked by:	Stro
	(Sub∉Agent / Supervisor)	-	(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 10-Mar-07

ates calibrated
22/08/2006

				*	Perimeter or	-site and/or off-site	monitoring holes	Si &	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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
	<del>                                     </del>								

Field Technician:	<u> </u>	Checked by:	Dano
	(Sub-Agent / Supervisor)		(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 9-Mar-07

Dates calibrated
22/08/2006

				Perimeter on-site and/or off-site monitoring holes					
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	9-Mar-07	13:05	Fine	79.6	0	0	20.3	25.9	Ground
Portion 4	9-Mar-07	13:06	Fine	79.5	0	0	20.4	25.9	Ground
Portion 7	9-Mar-07	13:08	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	9-Mar-07	13:09	Fine	79.6	0	0	20.3	25.9	3m depth
Portion 7	9-Mar-07	13:10	Fine	79.6	0	0	20.3	25.9	Ground
Portion 7	9-Mar-07	13:11	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	9-Mar-07	13:12	Fine	79.6	0	0	20.3	25.9	4m depth
Portion 7	9-Mar-07	13:13	Fine	79.5	0	0	20.4	25.9	2m depth
Portion 6	9-Mar-07	13:14	Fine	79.6	0	0	20.3	25.9	2m depth

Field Technician:	<u> </u>	Checked by:	Xão
	(Sub-Agent / Supervisor)	-	(RSO)

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

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

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
₋ocation	Measurement	Time	condition		(methane %)	(%)				
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:		Checked by:	dia
	(Sub-Agent / Supervisor)		(R\$O)

Name of site:

Ting Kok Road Pumping Station No.5 8-Mar-07

Dates calibrate
22/08/2006

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
Portion 5	8-Mar-07	13:05	Fine	79.6	0	0	20.3	23.4	Ground	
Portion 4	8-Mar-07	13:06	Fine	79.6	0	0	20.3	23.4	Ground	
Portion 7	8-Mar-07	13:08	Fine	79.6	0	0	20.3	23.4	4m depth	
Portion 7	8-Mar-07	13:09	Fine	79.6	0	0	20.3	23.4	3m depth	
Portion 7	8-Маг-07	13:10	Fine	79.6	0	0	20.3	23.4	Ground	
Portion 7	8-Mar-07	13:11	Fine	79.6	0	0	20.3	23.4	4m depth	
Portion 7	8-Mar-07	13:12	Fine	79.5	0	0	20.4	23.4	4m depth	
Portion 7	8-Mar-07	13:13	Fine	79.5	0	0	20.4	23.4	2m depth	
Portion 6	8-Mar-07	13:14	Fine	79.5	0	0	20.4	23.4	2m depth	
							· · · · · · · · · · · · · · · · · · ·			

Field Technician:	81	Checked by:	Shia
	(Sub-Agent /-Supervisor)	, <del></del>	(R\$O)

Name of site:

Ting Kok Road Pumping Station No.5 8-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
- C/ 12000	22/0

	5		Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement		condition		(methane %)	(%)			
Portion 5	8-Mar-07	8:15	Fine	79.6	0	0	20.3	16.2	Ground
Portion 4	8-Mar-07	8:17	Fine	79.6	0	0	20.3	16.2	Ground
Portion 7	8-Mar-07	8:20	Fine	79.5	0	0	20.4	16.2	4m depth
Portion 7	8-Mar-07	8:21	Fine	79.6	0	0	20.3	16.2	3m depth
Portion 7	8-Mar-07	8:22	Fine	79.6	0	0	20.3	16.2	Ground
Portion 7	8-Mar-07	8:23	Fine	79.6	0	0	20.3	16.2	4m depth
Portion 7	8-Mar-07	8:24	Fine	79.6	0	0	20.3	16.2	4m depth
Portion 7	8-Mar-07	8:25	Fine	79.6	0	0	20.3	16.2	2m depth
Portion 6	8-Mar-07	8:26	Fine	79.6	0	0	20.3	16.2	2m depth
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Field Technician:	(Şûb-Agent / Supervisor)	Checked by:	(RSO)
	(gab-Agent / oapentabl)		(1/20)

Name of site:

Ting Kok Road Pumping Station No.5 7-Mar-07

Dates calibrated
22/08/2006

				Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
Location	Measurement	Time	condition		(methane %)	(%)				
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:		Checked by:	oka
	(Sub-Agent /-Supervisor)		(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 7-Mar-07

Dates calibrated
22/08/2006

te of easurement 7-Mar-07	Samping Time 8:15 8:17 8:18 8:20 8:21 8:22 8:23 8:24 8:25 8:26	Weather condition Fine Fine Fine Fine Fine Fine Fine Fin	79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.5 79.5	Flammable gas (methane %) 0 0 0 0 0 0 0 0 0 0 0	n-site and/or off-site Carbon Dioxide (%) 0 0 0 0 0 0 0 0 0	Oxygen (%)  20.3 20.3 20.3 20.3 20.3 20.3 20.4 20.4	Temp (°C)  16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.	Ground Ground 2m depth 4m depth 3m depth Ground 4m depth 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:15 8:17 8:18 8:20 8:21 8:22 8:23 8:24 8:25	Fine Fine Fine Fine Fine Fine Fine Fine	79.6 79.6 79.6 79.6 79.6 79.5 79.5	0 0 0 0 0 0 0	0 0 0 0 0 0 0	20.3 20.3 20.3 20.3 20.3 20.4 20.4	16.7 16.7 16.7 16.7 16.7 16.7	Ground 2m depth 4m depth 3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:17 8:18 8:20 8:21 8:22 8:23 8:24 8:25	Fine Fine Fine Fine Fine Fine Fine Fine	79.6 79.6 79.6 79.6 79.6 79.5 79.5	0 0 0 0 0 0	0 0 0 0 0 0 0	20.3 20.3 20.3 20.3 20.3 20.4 20.4	16.7 16.7 16.7 16.7 16.7 16.7	Ground 2m depth 4m depth 3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:18 8:20 8:21 8:22 8:23 8:24 8:25	Fine Fine Fine Fine Fine Fine Fine Fine	79.6 79.6 79.6 79.6 79.5 79.5	0 0 0 0 0	0 0 0 0 0	20.3 20.3 20.3 20.3 20.4 20.4	16.7 16.7 16.7 16.7 16.7 16.7	Ground 2m depth 4m depth 3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:20 8:21 8:22 8:23 8:24 8:25	Fine Fine Fine Fine Fine Fine	79.6 79.6 79.6 79.5 79.5	0 0 0 0	0 0 0 0 0	20.3 20.3 20.3 20.4 20.4	16.7 16.7 16.7 16.7 16.7	2m depth 4m depth 3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:21 8:22 8:23 8:24 8:25	Fine Fine Fine Fine Fine	79.6 79.6 79.5 79.5	0 0 0 0	0 0 0 0	20.3 20.3 20.4 20.4	16.7 16.7 16.7	4m depth 3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07 7-Mar-07	8:22 8:23 8:24 8:25	Fine Fine Fine	79.6 79.5 79.5	0 0 0	0 0 0	20.3 20.4 20.4	16.7 16.7	3m depth Ground 4m depth
7-Mar-07 7-Mar-07 7-Mar-07	8:23 8:24 8:25	Fine Fine Fine	79.5 79.5	0	0	20.4 20.4	16.7	Ground 4m depth
7-Mar-07 7-Mar-07	8:24 8:25	Fine Fine	79.5	0	0	20.4		4m depth
7-Mar-07	8:25	Fine					16.7	
			79.5	0				
7-Mar-07	8.26	_ ·		0	0	20.4	16.7	2m depth
	0.20	Fine	79.6	0	0	20.3	16.7	2m depth

Field Technician:	2	Checked by:	ano
	(Sub-Agent / Supervisor)		(R\$O)

Name of site:

Ting Kok Road Pumping Station No.5 6-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
	Measurement		condition		(methane %)	(%)			
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:	
	(Sap-Agent T Sither MISOL)		V(RSD)

Name of site:

Ting Kok Road Pumping Station No.5 6-Mar-07

Dates calibrated
22/08/2006

					Perimeter or	n-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement	Time	condition		(methane %)	(%)			
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	depth
Portion 7	6-Mar-07	8:25	Fine	79.5	0	0	20.4		7m depth
Portion 6	6-Mar-07	8:26	Fine	79.6	0	0	20.3	18.7	2m depth
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Field Technician:		Checked by:	Cino
	(Sub-Agent / Su <del>pervisor</del> )	-	(R\$O)

Name of site:

Ting Kok Road Pumping Station No.5 4-Mar-07

Smapling equipment used:	Dates calibrated
GA 2000	22/08/2006
OA 2000	22/06/2000

					Perimeter or	n-site and/or off-site	e monitoring holes		
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
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
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Field Technician:	&	Checked by:	_ Alu		
	(Sub-Agent / Supervisor)	_	*	(RSO)	

Name of site:

Ting Kok Road Pumping Station No.5 5-Mar-07

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

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
Location	Measurement	Time	condition		(methane %)	(%)			
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
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Field Technician:	&A	Checked by:	Ohno
	(Sub-Agent / Supervisor)	• 19	(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 4-Mar-07

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

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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
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Field Technician:	&	Checked by:	Alle	
	(Subl∕Agent / S <del>upervis</del> or)	-	(RSO)	_

Name of site:

Ting Kok Road Pumping Station No.5 5-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
ample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition	C	(methane %)	(%)			
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
		-							
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Field Technician:	$\mathcal{L}$	Checked by:	Odus
	(Sub Agent / S <del>upervis</del> or)		(RO)

Name of site:

Ting Kok Road Pumping Station No.5 4-Mar-07

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

					Perimeter or	n-site and/or off-site	e monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	4-Mar-07	8:15	Fine	79.6	0	0	20.3	18.4	Ground
Portion 4	4-Mar-07	8:17	Fine	79.6	0	0	20.3	18.4	Ground
Portion 4	4-Mar-07	8:18	Fine	79.6	0	0	20.3	18.4	2m depth
Portion 7	4-Mar-07	8:20	Fine	79.5	0	0	20.4	18.4	4m depth
Portion 7	4-Mar-07	8:21	Fine	79.5	0	0	20.4	18.4	3m depth
Portion 7	4-Mar-07	8:22	Fine	79.6	0	0	20.3	18.4	Ground
Portion 7	4-Mar-07	8:23	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	4-Mar-07	8:24	Fine	79.6	0	0	20.3	18.4	4m depth
Portion 7	4-Mar-07	8:25	Fine	79.6	0	0	20.3	18.4	2m depth
Portion 6	4-Mar-07	8:26	Fine	79.6	0	0	20.3	18.4	2m depth
	1								

Field Technician:		Checked by:	ns
	(Sub-Agent / Supervisor)		(RGO)

Name of site:

Ting Kok Road Pumping Station No.5 3-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	3-Mar-07	13:05	Fine	79.6	0	0	20.3	25.4	Ground
Portion 4	3-Mar-07	13:06	Fine	79.6	0	0	20.3	25.4	Ground
Portion 4	3-Mar-07	13:07	Fine	79.6	0	0	20.3	25.4	2m depth
Portion 7	3-Mar-07	13:08	Fine	79.6	0	0	20.3	25.4	4m depth
Portion 7	3-Mar-07	13:09	Fine	79.6	0	0	20.3	25.4	3m depth
Portion 7	3-Mar-07	13:10	Fine	79.6	0	0	20.3	25.4	Ground
Portion 7	3-Mar-07	13:11	Fine	79.5	0	0	20.4	25.4	4m depth
Portion 7	3-Mar-07	13:12	Fine	79.6	0	0	20.3	25.4	4m depth
Portion 7	3-Mar-07	13:13	Fine	79.6	0	0	20.3	25.4	2m depth
Portion 6	3-Mar-07	13:14	Fine	79.6	0	0	20.3	25.4	2m depth
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Field Technician:	4	Checked by:	Aho
	(Sub-Agent / S <del>uper</del> visor)		(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 3-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes							
Sample ocation	Date of Measurement	Samping Time	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	
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Field Technician:	<u> </u>	Checked by:	Och
	(Sub-Agent / S⊔ <del>perviso</del> r)	10	(RSQ)

Name of site:

Ting Kok Road Pumping Station No.5 2-Mar-07

Dates calibrate
22/08/2006

					Perimeter or	n-site and/or off-site	monitoring holes	3	
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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-Маг-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:		Checked by:	Ab-		
	(Sub-Agent / Supervisor)	•	(RSP)		

Name of site:

Ting Kok Road Pumping Station No.5 2-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes							
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark	
ocation	Measurement	Time	condition		(methane %)	(%)				
Portion 5	2-Mar-07	8:15	Fine	79.6	0	0	20.3	18.2	Ground	
Portion 4	2-Mar-07	8:17	Fine	79.5	0	0	20.4	18.2	Ground	
Portion 4	2-Маг-07	8:18	Fine	79.5	0	0	20.4	18.2	2m depth	
Portion 7	2-Mar-07	8:20	Fine	79.5	0	0	20.4	18.2	4m depth	
Portion 7	2-Mar-07	8:21	Fine	79.6	0	0	20.3	18.2	3m depth	
Portion 7	2-Mar-07	8:22	Fine	79.6	0	0	20.3	18.2	Ground	
Portion 7	2-Mar-07	8:23	Fine	79.6	0	0	20.3	18.2	4m depth	
Portion 7	2-Mar-07	8:24	Fine	79.6	0	0	20.3	18.2	4m depth	
Portion 7	2-Mar-07	8:25	Fine	79.6	0	0	20.3	18.2	2m depth	
Portion 6	2-Mar-07	8:26	Fine	79.6	0	0	20.3	18.2	2m depth	

Field Technician:	(Sub-Agent / Supervisor)	Checked by:	(RSO)	_
	(Oup-Agent / Supervisor)		(HSO)	

Name of site:

Ting Kok Road Pumping Station No.5 1-Mar-07

Dates calibrated
22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
ocation	Measurement	Time	condition		(methane %)	(%)			
Portion 5	1-Mar-07	13:05	Fine	79.6	0	0	20.3	25.5	Ground
Portion 4	1-Mar-07	13:06	Fine	79.5	0	0	20.4	25.5	Ground
Portion 4	1-Mar-07	13:07	Fine	79.6	0	0	20.3	25.5	2m depth
Portion 7	1-Mar-07	13:08	Fine	79.6	0	0	20.3	25.5	4m depth
Portion 7	1-Mar-07	13:09	Fine	79.6	0	0	20.3	25.5	3m depth
Portion 7	1-Mar-07	13:10	Fine	79.6	0	0	20.3	25.5	Ground
Portion 7	1-Mar-07	13:11	Fine	79.6	0	0	20.3	25.5	4m depth
Portion 7	1-Mar-07	13:12	Fine	79.6	0	0	20.3	25.5	4m depth
Portion 7	1-Mar-07	13:13	Fine	79.5	0	0	20.4	25.5	2m depth
Portion 6	1-Mar-07	13:14	Fine	79.5	0	0	20.4	25.5	2m depth
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Field Technician:		Checked by:	
	(Sub <b>∕</b> Agènt / S <del>uperviso</del> r)		(RSO)

Name of site:

Ting Kok Road Pumping Station No.5 1-Mar-07

22/08/2006

			Perimeter on-site and/or off-site monitoring holes						
Sample	Date of	Samping	Weather	Balance gas (%)	Flammable gas	Carbon Dioxide	Oxygen (%)	Temp (°C)	Remark
_ocation	Measurement	Time	condition		(methane %)	(%)			
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:		Checked by:	
#	(Syb-Agent / Supervisor)	*	(R\$0)