

DRAINAGE SERVICES DEPARTMENT (DSD)
CONTRACT NO. DC/2005/02

CONSTRUCTION OF SEWERS, RISING MAINS & SEWAGE PUMPING STATION AT KAM TIN, NAM SANG WAI AND AU TAU IN YUEN LONG

1st Bi-Annual Construction Phase EM&A Report April - September 2006

PREPARED FOR

Leader Civil Engineering Corporation Ltd

Quality Index

Date		Reference No.		
21 October 2006		TCS/00310/06/600/R0106		
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Executive Summary

- ES.01 Leader Civil Engineering Corporation Ltd (the Contractor) has been awarded the DSD Contract DC/2005/02 Construction of Sewers, Rising Mains and Sewage Pumping Station at Kam Tin, Nam Sang Wai and Au Tau in Yuen Long (the Project). The Project requires an Environmental Monitoring and Audit (EM&A) program to be implemented by an Environmental Team (ET) throughout the contract period in compliance with the requirements as stated in the project Environmental Permit (EP-220/2005) and the project's Updated EM&A (Designated Elements) Manual.
- ES.02 This is the First Bi-Annual Construction Phase EM&A Report (April September 2006, Report No. B1) reporting the environmental impact monitoring and audit (EM&A) conducted from 06 April to 25 September 2006. EM&A program implemented in this reporting period (April September 2006) covered air quality, noise and waste management.

Breach of Action and Limit (AL) Levels

ES.03 There was no breach of Action or Limit level for air and noise monitoring in the reporting period.

Complaint Log

ES.04 No environmental complaint was received in the reporting period.

Notification of Any Summons and Successful Prosecution

ES.05 There was no environmental summon or prosecution in the reporting period.

Reporting Changes

ES.06 There are no changes to be reported in the reporting period.

Adequacy of EM&A

ES.07 Based on the data collected and reviewed for the period between April to September 2006 (as reported herein), it can be confirmed that the monitoring work is effective and that it is generating data to categorically confirm the observe of impact attributable to the works.



1.0 BASIC PROJECT INFORMATION

- 1.01 Leader Civil Engineering Corporation Ltd (the Contractor) has been awarded the DSD Contract DC/2005/02 Construction of Sewers, Rising Mains and Sewage Pumping Station at Kam Tin, Nam Sang Wai and Au Tau in Yuen Long (the Project). The Project is part of the Yuen Long and Kam Tin Sewerage and Sewage Disposal (YLKTSSD) Scheme. A site layout map showing the site boundary and the work areas is shown in **Annex A**.
- 1.02 This First Bi-annual Construction Phase EM&A Report (April September 2006, Report No. B1) summarizes the impact monitoring results and audit findings in the reporting period from April to September 2006.

Project Organization

1.03 The organization chart and lines of communication with respect to the on-site environmental management and monitoring program are shown in **Annex B**.

Construction Program for the Reporting Period

1.04 A construction program showing the construction work undertaken in the reporting period is shown in **Annex C**. Environmental mitigation measures implemented are shown in **Table 2-1.**

Management Structure

1.05 The management structure of the Project is shown in **Annex B**.

Works Undertaken during the Reporting Period

1.06 The major construction work undertaken during the reporting period under the Environmental Permit (EP-220/2005) is shown as follows:

Reporting Month	Construction Activities		
April 2006	• Trial trench excavation and Sheet piling by vibration hammer at Nam Sang Wai Pumping Station (P3)		
May 2006	 Sheet piling at NSW Pumping Station (Portion C), Sheet piling and boreholes drilling on Nam Shan Wai Road (Portion F) and Pok Wai South Road (Portion F) 		
June 2006	 Sheet piling excavation for the pumping station and jacking pits at Item P3; and Sheet piling and excavation for jacking and receiving pits at Items S4 & S5 		
July 2006	 Sheet piling and excavation for the pumping station and jacking pits at Item P3, Sheet piling and shoring installation at Items S4 & S5, setting up pipe jacking at S5. 		
August 2006	 formation work for the pumping station, pipe jacking for drainage work at S4, Sheet piling, trench excavation and sorting erection for drainage work at S5, S6 and S7. 		
September 2006	 Site hoarding erection at Kam Tin pumping station and formation work for the Nam Sang Wai pumping station, Pipe jacking for drainage work at S4, sheet piling, trench excavation and sorting erection for drainage work at S5, S6 and S7. 		

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2.0 ENVIRONMENTAL STATUS

Work Undertaken during the Reporting Period with Illustrations

2.01 A summary of the work undertaken in the reporting period with illustrations and environmental mitigation measures implemented is shown in **Table 2-1**.

Table 2-1 Work Undertaken in Reporting Period with Illustrations of Mitigation Measures

Location	Description of Construction Activities	Environmental Mitigation Measures	EM&A Ref.
P3 (Nam	• Excavation	Erect 2.4m high noise barrier hoarding around the works area	A1 & F6
Sang Wai Pumping	and shoring	Remove dust and spray water at the construction access	A2
Station)	installation	Cover the stockpiles of dusty material properly	A3
Stationy		Spray water to all dusty materials immediately before loading and unloading	A4
		Wash the wheels of vehicles before leaving the site	A5
		Install and use power-operated cover at the dump trucks	A6
		Spray water at the pavement breaking locations	A7
		Spray the working area of excavation frequently	A8
S5 (Pok Wai	 Pipe Jacking 	Maximize the use of quiet PME on site	B1, B2 & F5
South Road)	 Grouting for 	Apply and obtain appropriate waste disposal licenses	D1
	ground	Handle, store and dispose of chemical wastes as per relevant regulations	D2, D3 & D4
	treatment	Implement trip-ticket system for waste disposal	D5
		Restrict open fires and provide fire fighting equipment in the works area	F9
		Perform weekly inspection with ET and monthly audit with IEC	H1
		Conduct noise and dust monitoring as per EM&A manual during construction	I1 & I2
		Recycle wheel washing water and provide sedimentation tanks for treating site discharge.	-
		Remove dust and spray water at the construction access	A2
		Cover or provide shelters to the stockpiles / operation of dusty material properly	A3
		Spray water to all dusty materials immediately before loading and unloading	A4
		Wash the wheels of vehicles before leaving the site	A5
		Install and use power-operated cover at the dump trucks	A6
		Spray the working area of excavation frequently	A8
		Maximize the use of quiet PME on site	B1, B2 & F5
		Apply and obtain appropriate waste disposal licenses	D1
S4 (Nam	Grouting for	Handle, store and dispose of chemical wastes as per relevant regulations	D2, D3 & D4
Sang Wai Road)	ground treatment	Implement trip-ticket system for waste disposal	D5
Roudy		Restrict open fires and provide fire fighting equipment in the works area	F9
		Perform weekly inspection with ET and monthly audit with IEC	H1
		Conduct noise and dust monitoring as per EM&A manual during construction	I1 & I2
		Provide sedimentation tanks for treating site discharge.	-
		Remove dust and spray water at the construction access	A2
		• Cover or provide shelters to the stockpiles / operation of dusty material properly	A3
		Spray water to all dusty materials immediately before loading and unloading	A4
		Wash the wheels of vehicles before leaving the site	A5
		Spray the working area of excavation frequently	A8
		Maximize the use of quiet PME on site	B1,B2 & F5
		Apply and obtain appropriate waste disposal licenses	D1
		Handle, store and dispose of chemical wastes as per relevant regulations	D2, D3 & D4
		Restrict open fires and provide fire fighting equipment in the works area	F9
		Perform weekly inspection with ET and monthly audit with IEC	H1
		Conduct noise and dust monitoring as per EM&A manual during construction	I1 & I2
		Provide sedimentation tanks for treating site discharge.	-



2.02 Photographic records showing the implemented 2.4m high noise barrier at the pumping station (S3) are shown in **Annex D**.

Project Drawings

- 2.03 Drawings showing the work areas under EP-220/2005 and the locations of the designated monitoring stations are presented in **Annex E**.
- 2.04 There are four designated air quality and four noise monitoring stations under the project EP. In this reporting period, the monitoring was carried out at two designated air (AM1 & AM7) and two noise (NM3 & NM4) monitoring stations.

Station ID	Nature of Premise	Site Work Description	Station Coordinates
AM1	Site Boundary in NSW		835829 N
AWII	Site Boundary in NSW		822910 E
AM7	Site Boundary in NSW		836171 N
AlVI /	Site Boundary in NSW	Sheet piling and trench	822586 E
NM3	Village House in NSW	excavation.	835808 N
INIVIS	Village House III NS W		822817 E
NM4	Village House in NCW		835282 N
11/1/4	Village House in NSW		822811 E

- 2.05 The two remaining air (AM5 & AM6) and noise (NM6 & NM7) stations were selected and approved by IEC and RE in end September 2006. Based on the Contractor's revised construction progress, baseline monitoring at the remaining air monitoring station AM6 and noise monitoring station NM6 station will be undertaken in early October 2006, and air monitoring station AM5 and noise monitoring station NM7 will commence end October 2006.
- 2.06 Impact Monitoring at the two remaining air (AM5 & AM6) and noise (NM6 & NM7) stations will be carried out immediately after completion of baseline monitoring.



3.0 SUMMARY OF EM&A REQUIREMENTS

Monitoring Parameters

- 3.01 Environmental monitoring and audit requirements are set out in the Updated EM&A manual. Air quality and construction noise have been identified to be the key monitoring parameters during the impact phase for the construction of the project.
- 3.02 A summary of the impact EM&A requirements for air quality and construction noise as per the project Updated EM&A Manual are shown in **Table 3-1.**

Table 3-1 Summary of EM&A Requirements

Environmental Aspect	Monitoring Parameters
Air Quality	24-Hr TSP
Construction Noise	Leq 30min during day time 07:00 to 19:00
	Supplementary L10 and L90 for reference.

Environmental Quality Performance Limits

3.03 A summary of the Action/Limit (A/L) Levels for air quality and construction noise is shown in **Tables 3-2** and **3-3**.

Table 3-2 Action and Limit Levels for Air Quality Monitoring

Monitoring Location	Action Level (μg /m³)		Limit Level (μg/m³)	
Wontoring Location	1-Hr TSP	24-Hr TSP	1-Hr TSP	24-Hr TSP
AM1	391	184	500	260
AM7	383	204	500	260

Table 3-3 Action and Limit Levels for Construction Noise

Parameter	Action Level in dB(A)	Limit Level in dB(A)
0700-1900 hrs on normal weekdays	When one or more documented	> 75 dB(A)
0700-1900 his on normal weekdays	complaints are received	> /3 dB(A)

Event and Action Plans

3.04 An Event Action Plan for air quality and construction noise has been implemented for this project. Details of the Event Action Plan are presented in **Annex F**.

Environmental Mitigation Measures

3.05 The project EIA report has recommended environmental mitigation measures to minimize potential environmental impacts arising from the construction of the project. A full list of the mitigation measures is detailed in **Annex G**.

Environmental Requirements in Contract Documents

3.06 The environmental requirements in the contract documents generally refer to the compliance of the requirements as stipulated in the project EP and the updated EM&A Manual.

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4.0 IMPLEMENTATION STATUS

- 4.01 The implementation status of environmental protection and pollution control/mitigation measures as recommended in the project EIA report is summarized in **Table 2-1** and the implementation schedule as shown in **Annex G**.
- 4.02 A summary status of the permits, licences, and/or notifications on environmental protection for this Project in the reporting period is presented in **Table 4-1**.

Table 4-1 Status of Environmental Licenses and Permits in the Reporting Period

Item	Item Description	Permit Status
1	Environmental Permit No.: EP-220/2005	Issued in June 2005
2	Air Pollution Control (Construction Dust)	Notified EPD on 24 Dec 2005
3	Chemical Waste Producer Registration (5213-528-L2544-08)	Registration on 27 Jan 2006
4	Water Pollution Control (Discharge license No. 1U434/1)	Applied to EPD on 7 Feb 2006
5	Account for Disposal of Construction Waste No. 5004959	Registration on 27 Dec 2005
6	Construction Noise Permit (CNP No. PP-RN0017-06)	Valid (1 Jun to 2 Dec 2006)
7	Construction Noise Permit (CNP No. GW-RN0250-06)	Valid (20 May to 03 Nov 2006)
8	Construction Noise Permit (CNP No. GW-RN0299-06)	Valid (08 Jun to 30 Sep 2006)



5.0 MONITORING RESULTS

PARAMETERS MONITORED

5.01 The environmental parameters monitoring in the reporting period is compliance with the monitoring requirements as in **Table 3-1**.

MONITORING LOCATIONS

5.02 There are four designated air quality and four noise monitoring stations under the project EP. For this reporting period, monitoring was carried out at two designated air (AM1 & AM7) and two noise (NM3 & NM4) monitoring stations. The two remaining air (AM5 & AM6) and noise (NM6 & NM7) stations were selected and approved by IEC and RE in end September 2006 and impact monitoring at these station will commence in the 4th quarter of 2006. The locations of the designated monitoring stations are shown in **Table 5-1** and geographically in **Annex E**.

Table 5-1 Location of Air Quality and Construction Noise Monitoring Stations

Air Quality (4 Stat	ions)			
AM1	Worksite boundary facing scattered house in Nam Sang Wai			
AM5*	Worksite boundary facing Fung Kat Heung			
AM6*	Worksite boundary facing scattered near Route 3			
AM7	Worksite boundary facing scattered house in Nam Sang Wai			
Construction Noise	Construction Noise (4 Stations)			
NM3	Village House in Nam Sang Wai			
NM4	Village House in Nam Sang Wai			
NM6*	Scattered House near Route 3			
NM7*	Fung Kat Heung			

Remarks: Monitoring at AM5 & AM6 and NM6 & NM7 will commence in October 2006.

MONITORING FREQUENCY AND PERIOD

- 5.03 The impact 24-Hr TSP monitoring was conducted at the designated stations once every 6 days in compliance with the updated EM&A manual. A total of 62 monitoring events were carried out in the reporting period.
- 5.04 The impact noise monitoring was conducted at the designated stations once every 6 days in compliance with the updated EM&A manual. A total of 62 monitoring events were carried out in the reporting period.

MONITORING RESULTS AND GRAPHICAL PLOT IN THE REPORTING PERIOD

5.05 The graphical plot and monitoring results of air quality and construction noise for the reporting period are summarized in **Annex H**.

WEATHER CONDITIONS DURING THE MONITORING PERIOD

5.06 The meteorological data on the monitoring dates are summarized in **Annex I**.

6



OTHER FACTORS INFLUENCING THE MONITORING RESULTS

5.07 There were no other noticeable external factors generally affecting the monitoring results in the reporting period.

QA/QC RESULTS AND DETECTION LIMITS

5.08 Not applicable.



6.0 SOLID AND LIQUID WASTE MANAGEMENT STATUS

SOLID AND LIQUID WASTE MANAGEMENT STATUS

6.01 The cumulative quantities of waste for disposal or reuse in the reporting period are summarized in **Tables 6-1** and **6-2**.

Table 6-1 Cumulative Quantities of Waste for Disposal in the Reporting Period

Type of Waste	Quantity	Disposal Location
C&D Materials (Inert) (tons) – Disposed	25,230	Tuen Mun 38 Fill Bank
C&D Materials (Inert) (tons) – Reused	7,775	DSD Contract DC/2005/02
C&D Materials (Non-Inert) (kg)	10,960	NENT
Chemical Waste (Litres)	700	License Collector
General Refuse (tons)	379	Refuse Collector

Table 6-2 Cumulative Quantities of Waste for Reuse/Recycling

Type of Waste	Quantity	Disposal Location
Metals for Recycling (kg)	10,040	NA
Paper for Recycling (kg)	920	NA
Plastics for Recycling (kg)	0	NA

6.02 There was no site effluent discharged but an estimated volume of less than 50m³ of surface runoff was discharged for each reporting month.



7.0 REPORT ON NON-COMPLIANCE (NC), COMPLAINTS, NOTIFICATIONS OF SUMMONS (NoS) AND SUCCESSFUL PROSECUTIONS

RECORD OF NON-COMPLIANCE OF ACTION AND LIMIT LEVELS

7.01 No Project related Action or Limit Level exceedance was recorded in the reporting period. The summary of exceedance was presented in **Table 7-1**.

Table 7-1 Summaries of Exceedance in the Reporting Period

Reporting Month	Work-Related Exceedance (%) for 24- Hr TSP	Work-Related Exceedance (%) for Leq (30mins) Daytime
April 2006	0	0
May 2006	0	0
June 2006	0	0
July 2006	0	0
August 2006	0	0
September 2006	0	0

RECORD OF ENVIRONMENTAL COMPLAINTS RECEIVED

7.02 There was no environmental complaint received in the reporting period. The summary of environmental complaints was presented in **Table 7-2**.

Table 7-2 Summaries of Environmental Complaint in the Reporting Period

Reporting Month		Complaint Statistics	
Keporting Month	Frequency	Cumulative	Complaint Nature
April 2006	0	0	NA
May 2006	0	0	NA
June 2006	0	0	NA
July 2006	0	0	NA
August 2006	0	0	NA
September 2006	0	0	NA

RECORD OF NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTION

7.03 There was no notification of summon or prosecution received in the reporting period. The summary of environmental summons and prosecution was presented in **Table 7-3**.

Table 7-3 Summaries of Environmental Summons and Prosecution in the Reporting Period

Reporting Month	Environme	ntal Summons and Prosecutio	on Statistics
Keporting Month	Summons	Prosecution	Nature
April 2006	0	0	NA
May 2006	0	0	NA
June 2006	0	0	NA
July 2006	0	0	NA
August 2006	0	0	NA
September 2006	0	0	NA

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REVIEW OF REASONS FOR AND IMPLICATIONS OF NC, COMPLAINTS AND NOS

7.04 No NC, complaints or NoS received in the reporting period.

DESCRIPTION OF FOLLOW-UP ACTIONS TAKEN

7.05 No NC, complaints or NoS received in the reporting period.

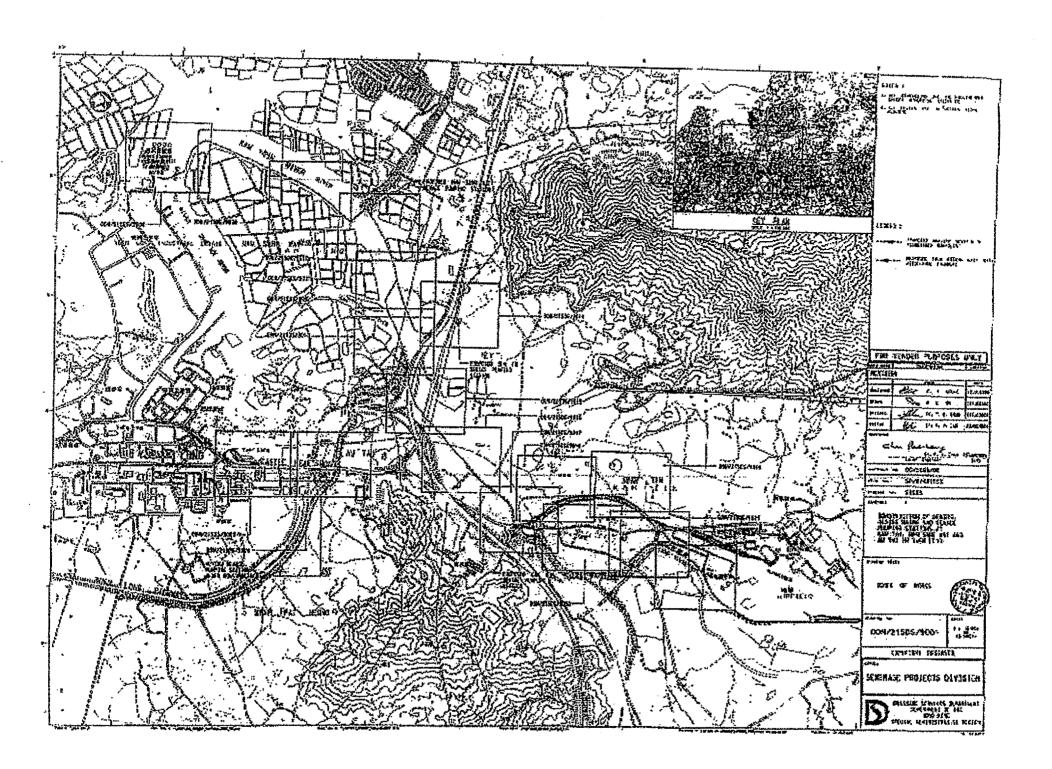


8.0 CONCULSIONS FOR THE PERIOD APRIL TO SEPTEMBER 2006

8.01 Based on the data collected and reviewed for the period between April to September 2006 (as reported herein), it can be confirmed that the monitoring work is effective and that it is generating data to categorically confirm the observe of impact attributable to the works.



Annex A Project Site Layout



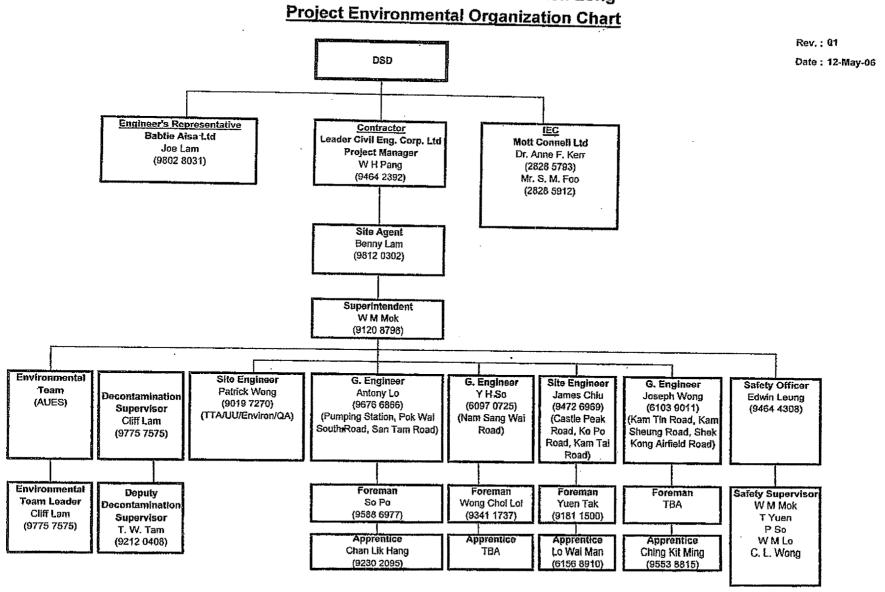


Annex B

Project Organization and Management Structure

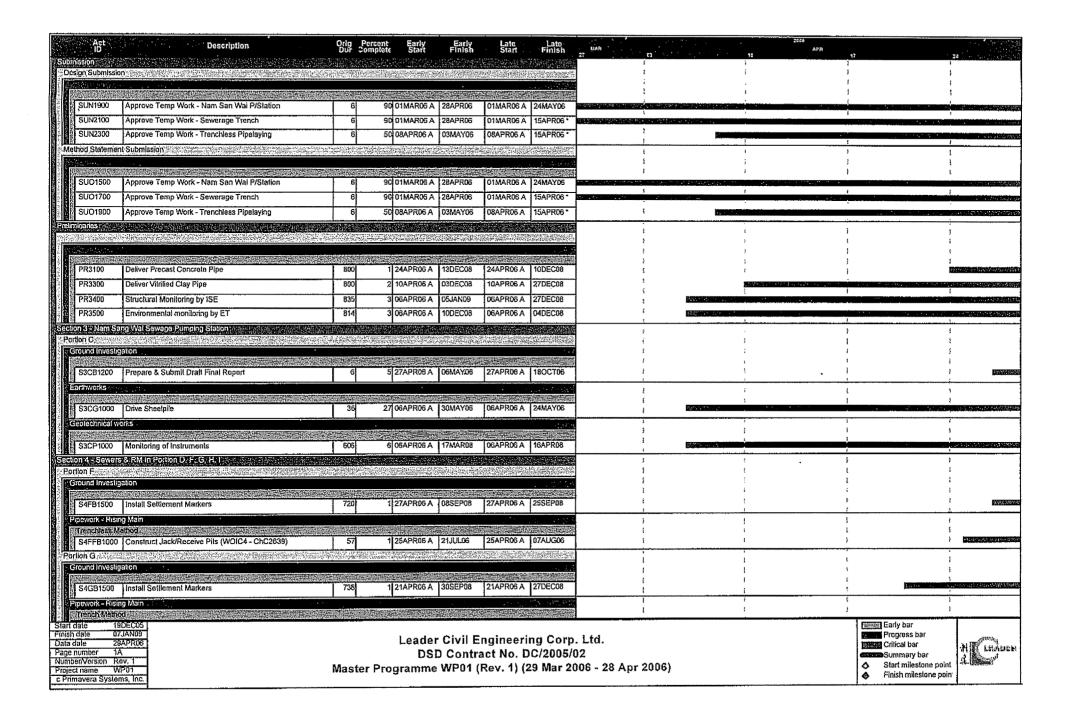
DSD Contract No. DC/2005/02

Construction of Sewers, Rising Mains and Sewage Pumping Station at Kam Tin, Nam Sang Wai and Au Tau in Yuen Long





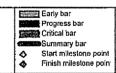
Annex C Construction Program



Act Description	Orig Percent Dur Complete	Early Start	Early Finish	Late Start	Late Finish	MAR	61			2006 AFR		
S4GFA1100 Twin Rising Main DN500 (ChB250 - ChB350)	90	22APR06 A	07SEP06	22APR06 A		*/			10		17	74
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Pipework - Rising Main Transport						ļ	i •		1		1	
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S5EB1300 Install Settlement Markers (Stage 1)	134	27APR06 A	04OCT06	27APR06 A	20SEP06			1.14.4114.4	.i		<u> </u>	2600.555
Pipework - Rising Main		· 1					£		!		1	1
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Finish date	07JAN09
Data date	29APR06
Page number	2A
Number/Version	Rev. 1
Project name	WP01
c Primavera Sys	stems, Inc.

Leader Civil Engineering Corp. Ltd.
DSD Contract No. DC/2005/02
Master Programme WP01 (Rev. 1) (29 Mar 2006 - 28 Apr 2006)





Act ID	Description	Ori Du	ig (otal	Percent Early Complete Start	Early Finish	Late Start	Late Finish	APR MAY
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PD2600	Area X4		0	100 03MAY06 A		03MAY06 A		O Aroa X4
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SSEFA4000 Twin Rising Main DN900 (ChA1700 - ChA1750)	32 *-27d 2 17APR05 A 05JUL06 17APR05 A 02JUN06	
S5EFB1000 Construct Jack/Receive Pits (ChA18 - ChA208)	42 -28d 15 17APR06 A 27JUL06 17APR06 A 23JUN06	
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Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish			05 96 07 08 09 10 71		16 17 18	19 26 21 22 2	24 25 26.
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Leader Civil Engineering Corp. Ltd. DSD Contract No. DC/2005/02 Master Programme WP01 Rev. 2 (29 May 2006 - 28 June 2006)



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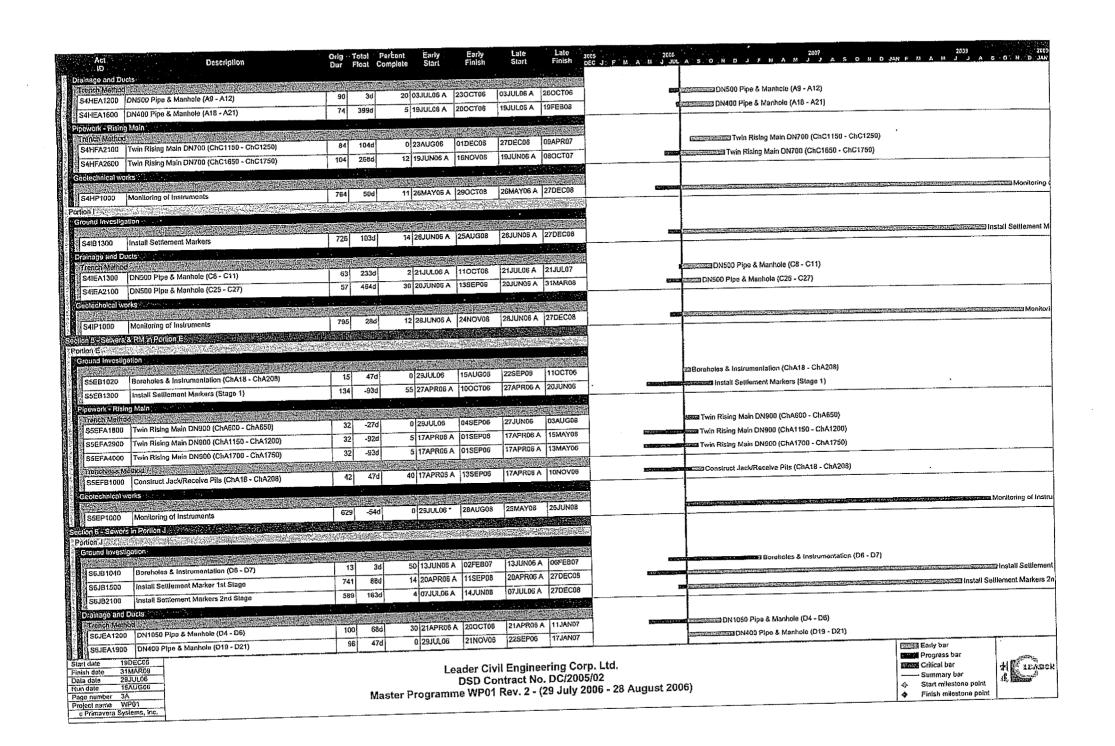




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e te pho littles			F - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	11 26MAY06	Control of the Contro	A CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN T	A 27DEC08	8
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Dala date 25	MAR09 9JUL06				DOD O	antract No	~ DC/200	05/02 Summary bar &
	5AUG05		Mact	er Programi	ne WP0	Rev. 2 -	(29 July 2	2006 - 28 August 2006) Start milestone point Finish milestone point
Project name W	/ <u>P01</u>		maste	o. 1 10g, and		•		Y Finon militatorie pour
c Primavera Sy	siems, inc.					, , , , , , , , , , , , , , , , , , ,		



Act	Description	Orig .			Early	Early Finish	Late Stort	Late Finish	Z005 . 7005 . Z007 . Z007 . Z007 . Z007 . Z007 . Z008 . D J F M A M J J A S D N D JAN F M A M J J A S D N D
ID .		Dur	· ·		Start	11OCT06	OSJULO6 A	20MAR08	DEC J F M A M J JUL A S J DN400 Pipe & Manhole (D33 - D35)
	DN400 Pipe & Manhole (D33 - D35)	65	433d				21DEC07	16JANOB	mmsDN300 Pipe & Manhole (D55 - D57)
S6JEA3700	DN30D Pipe & Manhole (D55 - D57)	21	404d	D 19A		12SEP06			
SGJEA3800	DN300 Pipe & Manhole (D57 - D59)	26	404d	30 13J		18AUG06	13JUL06 A	20DEC07	DN750 Pipa & Manhole (D12 - E3)
S6JEA3900	DN759 Pipe & Manhole (D12 - E3)	88	-76d	1 24J	UL06 A	10NOV06	24JUL06 A	10AUG06	
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louis intesago						ALCOHOL: NAME OF TAXABLE PARTY.			SSI Boreholes & Instrumentation (M8 - M20)
	Boreholes & Instrumentation (MB - M20)	16	-43d			16AUG06	08JUN06	26JUN06	
S7KB1060	Boreholes & Insturmentation (M13 - M14)	16	65d	50 081	MAY06 A	07AUG06		24OCT06	The Latter Solllament Markers
S7KB1500	Install Selllement Markers	402	67d	25 081	MAY06 A	30JUL07		18OCT07	
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S7KEA1300	DN750 Pipe & Manhola (M6 - M8)	79	2/0	10 19	MATUUA	2100100			DN900 Pipe & Manholo (M12 - M13)
S7KEA1700	DN900 Pipe & Manholo (M12 - M13)	79	122d			21SEP05	D6JUNO6 A		THE COUNTY OF SHARE AND
\$7KEA2600	Fill Foam Concrete to Ext Sewer Adj. M6 - MB	12	86d	-1	JUL06	11AUG06	10NOV08	23NOV06	
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S7KEB1100	Construct Jack/Receive Pits (M8 - M20)	30	-43d	0 17		20SEP06	27JUN06		To analyze Look/Bonolyze Dif (M13 - M24)
\$7KEB1200	Construct Jack/Receive Pit (M13 - M14)	30	65d	0 08	AUG06	11SEP06	25OCT06	29NOV06	
ectechnical wo	rks symptom of the first section of the section of		MALEST TRANSPORT						
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andspape Soli	works and Establishment Works	ies fil	2000	(4) F(4)	E70100		<u> </u>		
S8QR1100	Preservation & Protection of Preserved Trees	861	o	15 10	APROS A	27DEC08	10APR06 A	27DEC08	
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Contract of the Party of the Pa	Prepare & Submit CAR & RAP - Portion F/G/H	12	104d	50 21	JUN06 A	08AUG06	21JUN05 A	11DEC06	
S9L1400		1:	1	0 09	AUG06	22AUG06	12DEC06	26DEC05	
59L1500	Approve of CAR & RAP - Portion F/G/H	11			JUN06 A	08AUG05	21JUN06	11DEC06	
S9L1600	Prepare & Submit Excavation Plan - Portion F/G/H				AUG06	22AUG06	12DEC06	26DEC06	G □ Approve Excavation Plan - Portion F/G/H
S9L1700	Approve Excavation Plan - Portion F/G/H	1:	2 1040	0 00	340000	1220000			

Start date	19DEC05
Finish date	31MAR09
Data date	29JUL06
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Project name	WP01
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Leader Civil Engineering Corp. Ltd. DSD Contract No. DC/2005/02 Master Programme WP01 Rev. 2 - (29 July 2006 - 28 August 2006)





Act ID	Description		Total Float	Percent Early Complete Start	Early Finish	Late Start	Late Finish	JUL AUG SEP	cts . OCT	NOV
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SUN1400	Design/Submit Temp Work - Kam Tin P/Station	30	61d	80 20MAY06 A	06OCT06	20MAY06 A	19DEC06	Commence of the Commence of th	Design/Submi	il Temp Work - Kam Tin P/Station
SUN1500	Approve Temp Work - Kam Tin P/Station	6	61d	0 0900006	14OCT06	20DEC05	27DEC06		<u>Газлазаі</u> Арр	rove Temp Work - Kam Tin P/Station
SUN1600	Design/Submit Temp Work - Sha Po P/Station	30	179d	0 0900006	13NOV06	15MAY07	18JUN07			Design/Submit
SUN1700	Approve Temp Work - Sha Po P/Station	6	179d	0 14NOV06	20NCV06	20JUN07	26JUN07		l	Appro
SUN1900	Approve Temp Work - Nam San Wai P/Station	6	-47d	95 01MAR06 A	28SEP06	01MAR06 A	04AUG06	departies consistent and the properties of the properties of the second of the second of the properties of the second of the sec	Approve Temp Work - N	lam San Wai P/Station
SUN2300	Approve Temp Work - Trenchlass Pipelaying	6	-139d	95 08APR06 A	28SEP06	08APR06 A	15APR06 *	manner i antigentaria como es a estantes estantes en el como estantes en el como estantes en estantes	Approve Temp Work - T	renchless Pipelaying
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SUO1000	Prepare/Submit Temp Work - Kam Tin P/Station	_ _		0 09OCT06	140CT06	20DEC06	27DEC06		·	rove Temp Work - Kam Tin P/Station
SUO1100	Approve Temp Work - Kam Tin P/Station	6	61d		1		<u> </u>			Prepare/Subm
SUO1200	Prepare/Submit Temp Work - Sha Po P/Station	30	179d	0 0900006	13NOV06	15MAY07	18JUN07		100 Page 100	ден до при
SUO1300	Approve Temp Work - Sha Po P/Station		179d	0 14NOV06	20NOV06	20JUN07	26JUN07	STORY OF STORY STO	Approve Temp Work - N	• • • • • • • • • • • • • • • • • • • •
SUO1500	Approve Temp Work - Nam San Wai P/Station	6	-47d	95 01MAR06 A	28SEP06	01MAR06 A	D4AUG06		Approve Temp Work - T	
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PR2900	Deliver Ductile Iron Pipe	800	11d	17 29APR06 A	1	29APR06 A		the property of the control of the c		
PR3100	Deliver Precast Concrete Pipe	800	26d	19 24APR06 A		24APR06 A		A STATE OF THE STA	CONTRACTOR CONTRACTOR	
PR3300	Deliver Vilrified Clay Pipe	800	-46	15 10APR06 A	1	10APR06 A		STATE OF THE STATE	Complete the Control of the Section Control of the	Control of the Contro
PR3400	Structural Monitoring by ISE	835	-110	18 06APR06 A	10JAN09	06APR06 A			2.50 p. appendiction (100 p. a.	
PR3500	Environmental monitoring by ET	814	28d	20 06APR06 A	24NOV08	06APR05 A	27DEC08			
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ortion A			21/19/14/25		SERVE PROTORIES		Mental Andrews (A.C.		ĺ	
FI BELLUI IALIBA		2012							ĺ	
S1AA1000	Erect Hoarding	18	30d	50 22AUG06 A	11OCT06	22AUG06 A	16NOV06	encontractive programmes and the second	Erect Ho	parding
Ground Investig	ation (ingressed and a second and a second and								l	
				400 00411000 4	lanaurone a	26AUG05 A	Service Control of the Drill Boreholes	Ĺ		
S1AB1100	Drill Boreholes	13		100 26AUG06 A		28AUG05 A		main inclination of the state o		
S1AB1200	Install Inclinomaters	2		100 28AUG06 A	30AUG06 A	<u> </u>		man (jstar i judi kolisa)		
S1AB1300	Install Piezomeler	_		100 28AUG06 A	30AUG06 A	28AUG06 A			İ	⊠ingtali Settlement Markers
S1AB1400	Install Settlement Markers	1	40d	0 2600006	26OCT06	13DEC06	13DEC06			an and a section is produced
Site Clearance			-		- 10 TO				ĺ	
S1AC1000	Demolish Existing Building	12	36d	0 12OCT06	25OCT06	24NOV06	07DEC06		Messerial	Demolish Existing Building
ii Earthworks	RESERVANCE OF THE RESERVANCE O				<u> </u>		4-3-3-3	N and the state of		
		100								Doya
S1AG1000	Drive Sheetpile	20	51d	0 27OCT05	20NOV06	28DEC06	20JAN07		ł	PORTON AND PROPERTY OF THE PRO
S1AG1100	Excavate to Level of 1st Layer of Waling	4	306	0 15DEC06	19DEC06	22JAN07	25JAN07		l	
\$1AG1200	Install 1st Layer Waling & Strut	4	30d	0 20DEC06	23DEC06	26JAN07	30JAN07		l	
S1AG1300	Excavate to Level of 2nd Layer of Waling	10	30d	0 26DEC06	06JAN07	31JAN07	10FEB07		<u> </u>	
	DEC05 IUN09							144		Early bar Progress bar
ta date 295	SEP06			L			eering Co lo. DC/200			Critical bar
n date 040 ge number 1A	OC 106			O Namaha Dai	USU C	ontract N	0. DC/200 20/01/26	iojuz 29 Santamber 2006		Summary bar
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Primavera Syst	ems, Inc.									

Act ID	Description	Orig Dur		Percent Early omplete Start	Early Finish	Lalo Stari	Late Finish	JUL AUG SEP 2431 07 14 21 28 34 11 18 25	000 007 02 PB 16	23 30 00 53 20 NOV
Geolechnical w	rorks					a remark to				
S1AP1000	Monitoring of Instruments	476	40d	0 2700106	27MAY08	14DEC06	15JUL08			PARTY CONTROL OF THE STREET, T
ion 258har2 rtion B	Sewage Rumping Stellan							·		
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		1	20.545	aleccates	Teorior	Lancaria	lamena.			Food Honding
S2BA1000 S2BA1100	Erect Hoarding TOA - Water Sampling & Quality Analysis	18	30d	0 12OCT06 50 18SEP06 A	02NOV06 11OCT06	17NOV05 18SEP06 A	07DEC06			Ster Sampling & Quality Analysis
S2BA1200	TOA - Prepare & Submit Water Quality Assessment	10	30d	0 12OCT06	02NOV06	17NOV06	07DEC06			ster Sampling & Coality Analysis TOA - Prepare & Submit
round Investig	<u> </u>	10	300	0 1200100	02110400	17140400	07DE000			Torrest to the state of the sta
	The state of the second second second			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	na Sank page					
S28B1000	Trial Pits	20	170d	0 03NOV06	25NOV06	29MAY07	21JUN07			
S2BB1100	Drill Boreholes	11	170d	75 05SEP06 A	29NOV06	05SEP06 A			the state of the s	the state of the s
S2BB1200	Install Inclinometers	2	1708	75 06SEP06 A	30NOV06	06SEP06 A		See to the contract of the con		□ Install Settlement Marke
S2BB1300	Install Settlement Markers	1	193d	0 03NOV06	03NOV06	26JUN07	26JUN07		M. ALLOW, A. M Holes Dist. A. a	a install Settlement Marke
lion C	ing Val Sevago Romang Station						androvenska.			
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S3CB1500	Approve Final Report by the Engineer	4	67d	90 22JUL06 A	2855206	22JUL06 A	19DEC06	and the second section of the second	Approve Final Report by	he Engineer
arthworks	Population was report by the Engineer		O, C	50 E240E0011		ZZSOZSO I	. 10 . co. 10 . Co. 1			
							policie may see			
53CG1200	Install ist Layer of Waling & Strut	4	-47d	95 03JUL06 A	29SEP06	03JUL06 A	l		install ist Layer of Watin	-
\$3CG1400	Install 2nd Layer of Waling & Strut	4	-47d	95 17JUL06 A	29SEP06	17JUL06 A	04AUG06	Antenda Maria (Maria (Maria) and and and an antenda (Maria) and an antenda (Maria) and an antenda (Maria)	Install 2nd Layer of Wal	•
\$3CG1500	Excavate to Level of 3rd Layer of Waling	14	-47d	0 29SEP06	18OCT06	05AUG06	21AUG06			Excavate to Level of 3rd Layer of Waling
S3CG1600	Install 3rd Layer of Waling & Strut	4	-47d	0 18OCT06	23OCT06	22AUG06	25AUG06		us.	Install 3rd Layer of Waling & Strut
\$3CG1700	Excavate to Level of 4th Layer of Waling	18	-47d	0 23OCT06	14NOV06	26AUG06	15SEP06			Excavate Excavate
\$3CG1800	install 4th Layer of Waling & Strut	4	-47d	0 14NOV06	18NOV06	16SEP06	20SEP06			tomanica II vila
S3CG1900	Excavate to Level of 5th Layer of Waling	22	-47d	0 18NOV06	14DEC06	21SEP06	180CT06			National Control
53CG2000	Install 5th Layer of Waling & Strut	22	-47d	0 14DEC06	19DEC06	190CT06	23OCT06			
S3CG2100 solechnical w	Excavate to Level of 6th Layer of Waling	22	-47d	0 19DEC06	16JAN07	2400108	18NOV00			
aolachnical W	ons	- C	-011-1-1-1-1	taring the state of		popularity tur	#1625			
S3CP1000	Monitoring of Instruments	632	17d	29 06APR06 A	26MAR08	06APR06 A	16APR08	Company to the self-self-self-self-self-self-self-self-		
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ion D cund Investig					WARRANG SANG	Seath Read and				
			7	- 10 To		Carlotte Carlotte				
S4DB1010	Boreholes & Instrumentation (WOIC1 - ChA2095)	12	87d	50 23AUG06 A	L	23AUG06 A		Bothsteide 2007/05/45 19 19 19 19 19 19 19		
S4DB1300	Install Selllement Markers	579	97d	0 29SEP06	01SEP08	26JAN07	27DEC08			
pework - Rien Iranon Maini		The Strangerore				A - 25 1 1 1 1				
	Twin Rising Main DN900 (ChA1750 - ChA1850)	124	87d	0 13OCT06	13MAR07	26JAN07	26JUN07		instruction of the state of the	
eolechnical w			w 17.1.2	1.0. 1	1.1.4.5	300				
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S4DP1000	Monitoring of Instruments	567	109d	0 29SEP06 •	IDAUGUB	Dar CDV/	2702006			
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date 191 n date 03. date 293	DEC05 JUN03 SEP06 OCT06				DSD (Contract I	neering Co No. DC/200 - 3M01 at 2			Early bar Progress bar Chical bar Summary bar ♦ Start milestone point

Act ID	Description	Orig Dur	Total Float	Percent Early Complete Start	Early Finish	Late Start	Late Finish	JUL AUG SEP	7008 OC1	Nov
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\$4FB1060	Boreholes & Instrumentation (H4 - H3)	9		100 15SEP06 A	22SEP08 A	15SEP05 A	22SEP06 A	1	oles & Instrumentation (H4	• H3)
S4FB1080	Boreholes & Instrumentation (H6 - H4)	4		100 14SEP06 A	15SEP06 A	14SEP06 A	15SEP06 A		strumentation (H5 - H4)	allo lim
S4FB1120	Boreholes & Instrumentation (H6 - H5)	8		100 15SEP06 A	26SEP06 A	15SEP06 A	26SEP06 A	<u> </u>	oreholas & Instrumentation 1	1 (HB - H5)
S4FB1500 Drainage and D	Install Settlement Markers	720	109d	21 27APR06 A	18AUG08	27APR06 A	27DEC08	three products that the consequence of the control of the consequence		
	043 9360	7	nation of the same	t seems to be			S	·		
S4FEB1400	Construct Jack/Receive Plls (H6 - H5)	30	12d	0 22DEC06	27JAN07	08JAN07	10FEB07			
\$4FEB1520	Jacking DN1200 (H7 - H6)	42	12d	0 29SEP06	20NOV06	16OCT06	04DEC05			Jacking D
\$4FEB1540	Construct Manhole H7	27	12d	0 21NOV05	21DEC05	05DEC06	06JAN07	1	•	
	g Main (S. 1995)	100								
Trendviess Ma	Construct Jack/Receive Pils (WOIC4 - ChC2639)	57	5d	95 05JUN06 A	03OCT06	05JUN06 A	100CT06	ettaa eterokan jala 1900 aan oo oo oo oo oo oo oo oo oo oo oo oo oo	Construct Jack/Red	seive Pils (WOIC4 - ChC2639)
4 . 1933	Jacking Twin DN700 (WOIC4 - ChC2639)	139	5d	5 26AUG06 A		26AUG06 A		178 34 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	to any believe to the stay of the stay	
d : 128/44	orks for severe seems and or another than the first seems	*					NORTH DESIGN			
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4 222(1)	Monitoring of Instruments	803	12d	17 05JUN06 A	12DEC08	05JUN06 A	27DEC08			
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S4GB1500	Install Settlement Markers	738	91d	21 21APR06 A	08SEP08	21APR06 A	27DEC08			STORE THE TAXABLE PROPERTY OF THE PROPERTY OF
	g Main		s (See	Markey Commence			The state of the s			***************************************
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· S	Twin Rising Main DN500 (ChB250 - ChB350) Twin Rising Main DN500 (ChB350 - ChB450)	89	523d	22 05SEP06 A	21DEC06	05SEP06 A	17SEP08		min ruaning water birdoo (c	Since of the second sec
S - E9 N	Twin Rising Main DN500 (ChB450 - ChB550)	84	523d	0 22DEC06	04APR07	18SEP08	27DEC08	-		
3 · 13 (6)	Twin Rising Main DNS00 (ChBS50 - ChB650)	107	465d	44 27JUL06 A	11DEC06	27JUL06 A	28JUN08	## (page of the American page of the American American page of the Ameri		
9 - 10 5	Twin Rising Main DN500 (ChB650 - ChB750)	130	465d	0 12DEC06	19MAY07	30JUN08	02DEC08			
8 BE 21	Construct AVIC2	30	565d	0 12DEC06	17JAN07	29OCT08	02DEC08			
4 18131	Construct WOIC3	30	495d	0 29SEP06	06NOV06	24MAY08	28JUN08	-	MARKET AND AND AND ASSESSMENT	Construct WOIC3
N - 10/3	Construct AVIC3	30	562d	0 29SEP06	06NOV06	13AUG08	17SEP08		e ya madawana daga za daga kata kata kata kata kata kata kata k	Construct AVIC3
Geolechnical wo		,		3 2502 (60	02110 100	***********	Letter Applicati			
		media Ti								
S4GP1000	Monitoring of Instruments	729	51d	14 22APR06 A	28OCT08	22APR06 A	<u> </u>		torios comunicativamentos californisticos	
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S4HB1300	Install Settlement Markers	717	112d	21 26MAY06 A	14AUG08	26MAY06 A	27DEC08	and the late of the late of the late of the second control of the late of the		
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54HFA2100	Twin Rising Main DN700 (ChC1150 - ChC1250)	84	21d	0 30SEP06	11JAN07	27OCT06	05FE807			
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S4IEA2100 DN500 Pipe & Manhole (C25 - C27)	57 269d 79 20JUNGS A 140CTG			DN500 Plpe & Manhole (C26 - C27)
S4IEA2200 DN500 Pipe & Manhole (C27 - C29)	62 269d 0 16OCT06 28DEC0			
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SSEFA1500 Twin Rising Maln DN900 (ChA450 - ChA500)	24 204d 0 28OCT06 25NOV0			This Diese Neis Diese (ChAFGO, ChA
SSEFA1600 Twin Rising Main DN900 (ChA500 - ChA550)	24 204d 5 28SEP08 A 27OCT00			reasonate Main DN900 (ChA500 - ChA (vin Rising Main DN900 (ChA660 - ChA600)
S5EFA1700 Twin Rising Mein DN900 (ChA550 - ChA600) S5EFA2500 Twin Rising Mein DN900 (ChA950 - ChA1000)	24 100 29JUL06 A 27SEP06			Twin Rising Main
S5EFA2600 Twin Rising Main DN900 (ChA1000 - ChA1050)	24 162d 50 09SEP06 A 14OCTO		and the second s	Twin Rising Main DN900 (ChA1000 - ChA1050)
SSEFA2700 Twin Rising Main DN900 (ChA1050 - ChA1100)	24 100 29JUL06 A 08SEP06		Twin Rising Main DN900	
S5EFA3100 Twin Rising Main DN900 (ChA1250 - ChA1300)	24 252d 0 02NOV06 29NOV0			Properties and State of the Sta
S5EFA3200 Twin Rising Main DN900 (ChA1300 - ChA1350)	24 252d 0 03OCT08 01NOV0	6 05AUG07 01SEP07		Twin Rising Main DN900 (ChA130
S5EFA3300 Twin Rising Main DN900 (ChA1350 - ChA1400)	24 252d 91 08AUG06 A 30SEP06	08AUG06 A 04AUG07	the process of the Company of the Co	Twin Rising Main DN900 (ChA1350 - ChA1400)
S5EFA3800 Twin Rising Main DN900 (ChA1600 - ChA1650)	24 223d 0 11NOV06 08DEC08			
S5EFA3900 Twin Rising Main DN900 (ChA1650 - ChA1700)	24 87d 60 22AUG06 A 12OCT0			Twin Rising Main DN900 (ChA1650 - ChA1700)
S5EFA4000 Twin Rising Main DN900 (ChA1700 - ChA1750)	24 223d 0 13OCT06 10NOV0			Twin Rising Main DN90
S5EFA4200 Construct AVIC1	25 162d 0 15OCT05 14NOV0			Transfer and Artist Art
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EA2900 DN400 Pipe & Manhole (D33 - D35)	65 274d	36 05JUL05 A 20NOV06	06JUL05 A 18OCT07		
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EA3800 DN300 Pipe & Manhole (D57 - D59)	36 391d	63 13JUL06 A 16OCT06	13JUL06 A 01FEB08	engan menerapakan ngan tang seberah kangat membahat dia anggan penangan mengana bangan dia panggan salah bangg	DN300 Pipe & Manhola (
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(EA1300 DN750 Pipe & Manhole (M6 - M8)	79 1246	23 19MAY08 A 12DEC08	19MAY06 A 14MAY07		
(EA1600 DN900 Pipe & Manhole (M11 - M12)	90 1186	16 06JUN06 A 30DEC06	05JUN06 A 24MAY07		
(EA1700 DN900 Pipe & Manhole (M12 - M13)	79 500	45 06JUN06 A 21NOV06	06JUN06 A 20JAN07		
(EA2500 Demolish Ext Sewer Adj. M4 - M6	30 2206	0 13DEC06 18JAN07	06SEP07 12OCT07		
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(EB1200 Construct Jack/Receive Pit (M13 - M14)	30 12d	0 11OCT06 15NOV05	25OCT06 29NOV06		
(EB1220 Jacking DN900 (M13 - M14)	43 12d	0 16NOV06 06JAN07	30NOV06 20JAN07		
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S9L1000	Prepare & Submit CAR & RAP - Portion A/B	18	30d		10NOV06	30NOV06	15DEC06	06JAN07	Employed and American Conference of the Conferen
S9L1100	Approve of CAR & RAP - Portion A/B	12	30d	1 0	01DEC06	14DEC06	70MAL80	20JAN07	1
59L1200	Prepare & Submit Excavation Plan - Portion A/B	18	30d	C	10NOV06	30NOV05	15DEC06	06JAN07	
S9L1300	Approve Excavation Plan - Portion A/B	12	30d	0	01DEC05	14DEC06	08JAN07	20JAN07	-
S9L1500	Approve of CAR & RAP - Portion F/G/H	12	21d	90	08AUG06 A	29SEP06	08AUG06 A	26OCT06	3 Approve of CAR & RAP - Portion F/G/H
S9L1700	Approve Excavation Plan - Portion F/G/H	12	21d	90	08AUG06 A	29SEP06	08AUG06 A	26OCT06	Approve Excavation Plan - Portion F/G/H
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59881200	Testing of Soil Samples	12	30d	50	24AUG06 A	09NOV06	24AUG06 A	14DEC06	Management Testing of Soil Samp

Start date 19DEC05
Finish date 03JUN09
Data date 29SEP06
Run date 04OCT06
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c Primavera Systems, Inc.

Leader Civil Engineering Corp. Ltd.
DSD Contract No. DC/2005/02
3-Month Rolling Programme - 3M01 at 29 September 2006



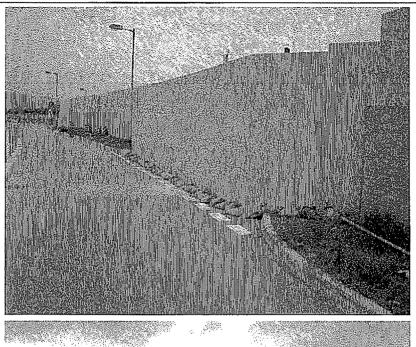


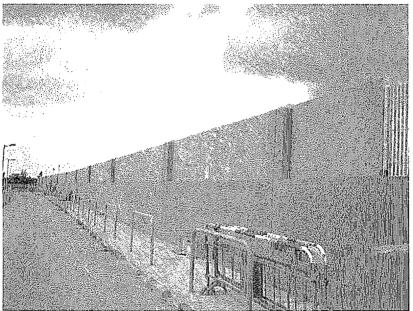


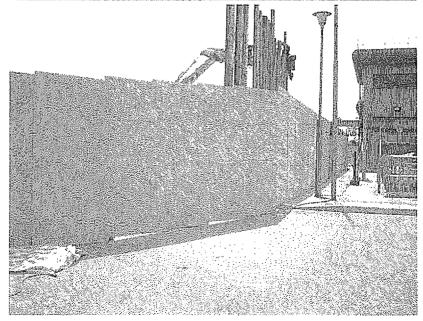
Annex D

Photographical Records – Noise Barrier On-Site



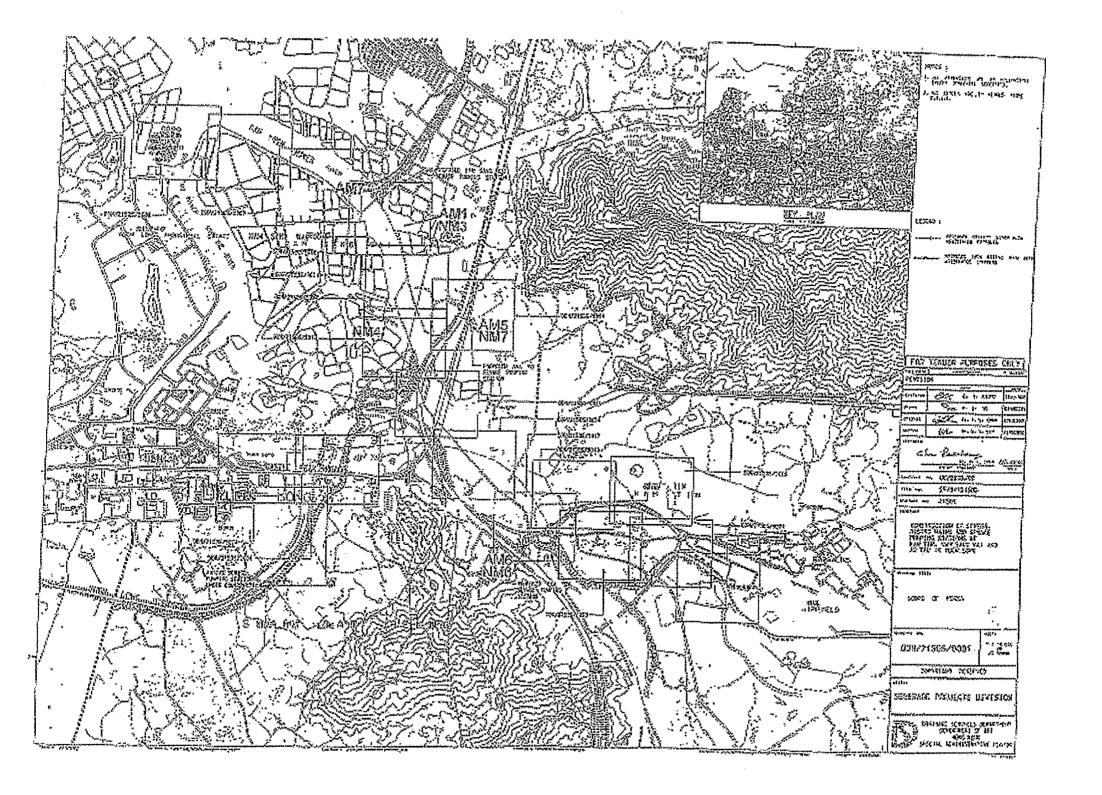


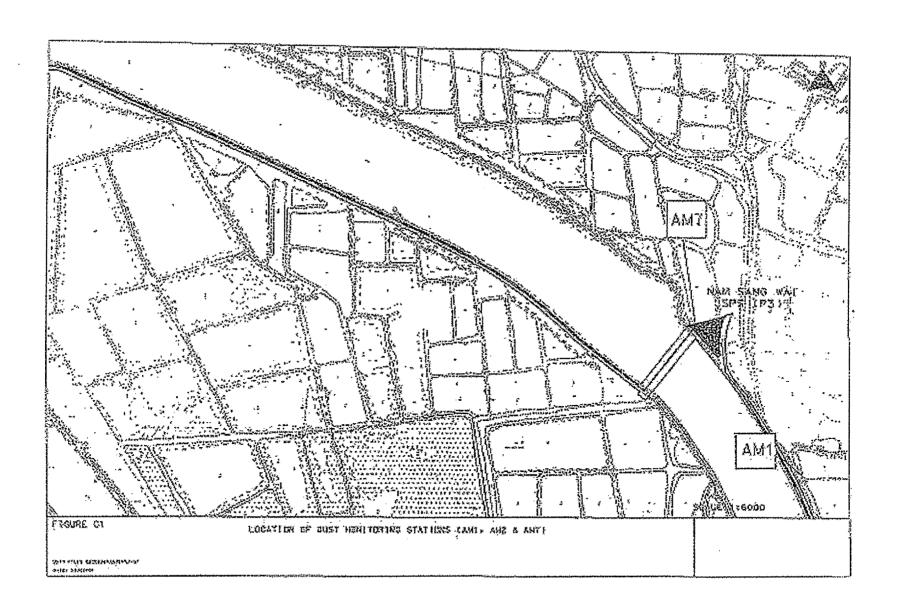


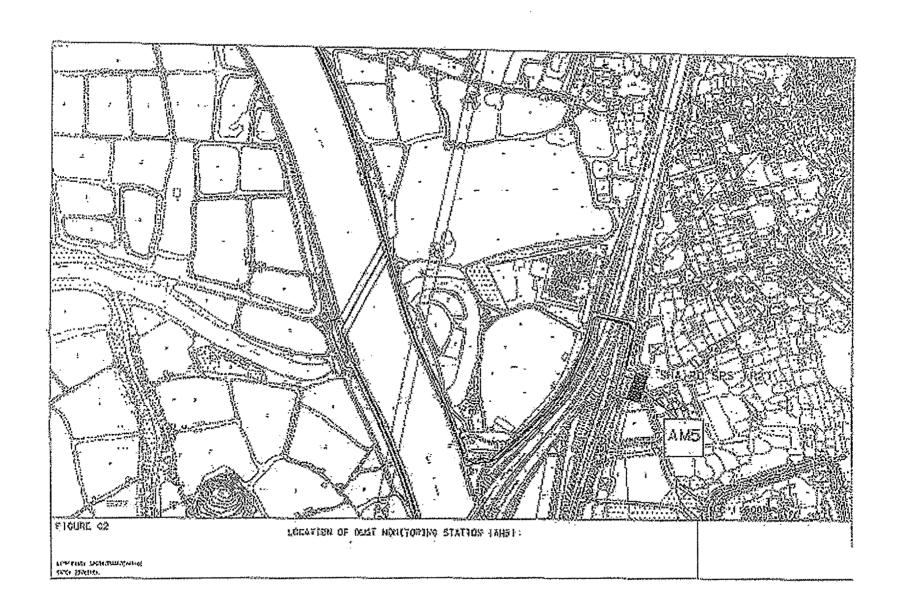


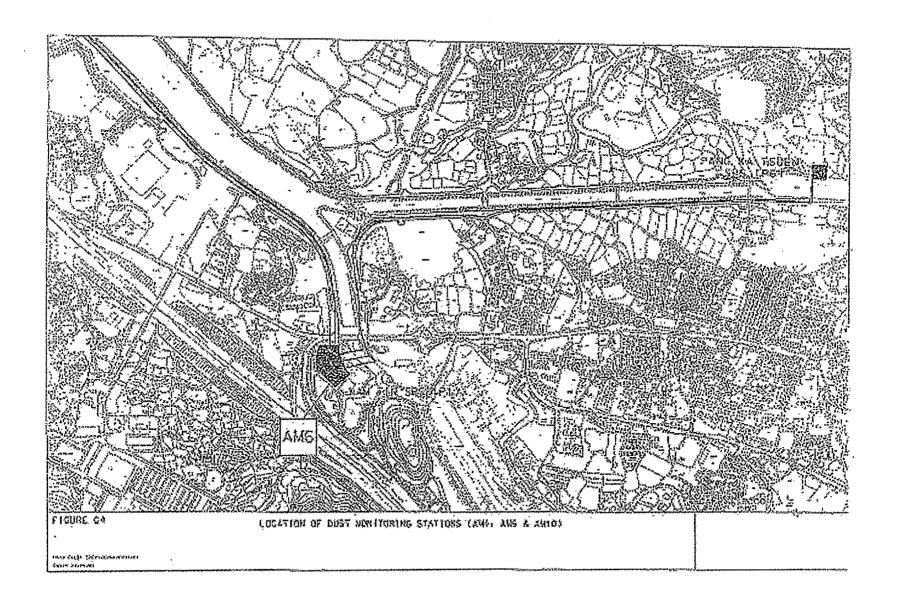


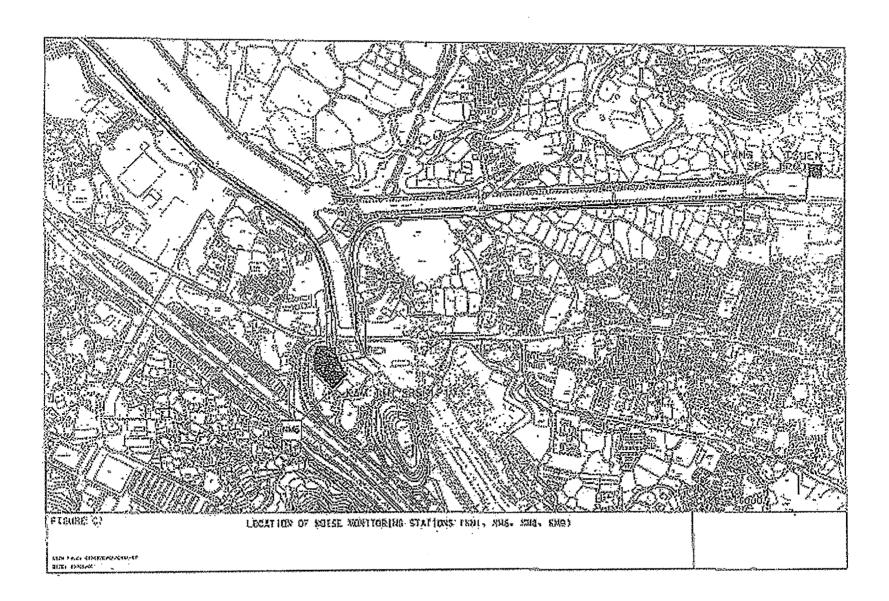
Annex E Locations of Monitoring Stations

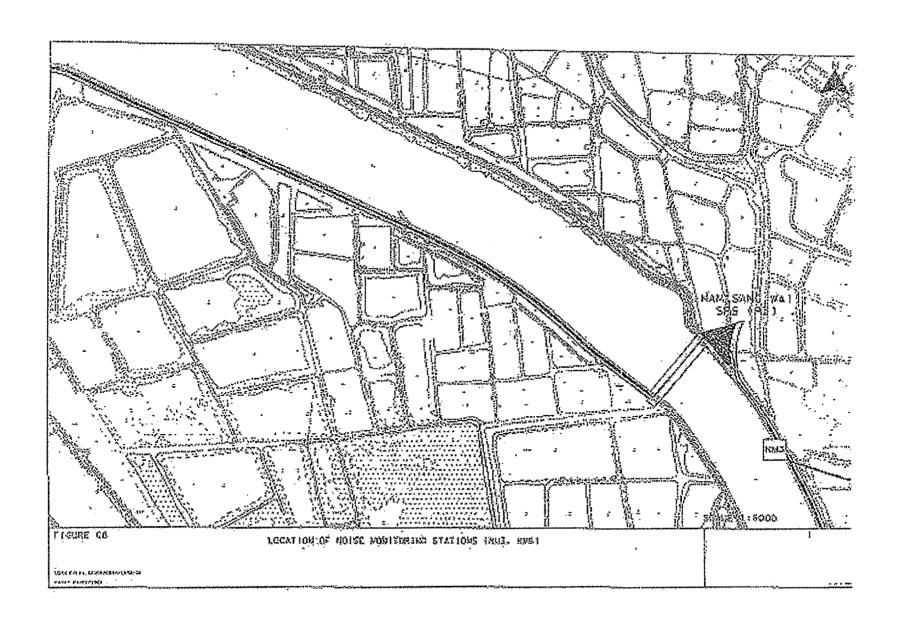


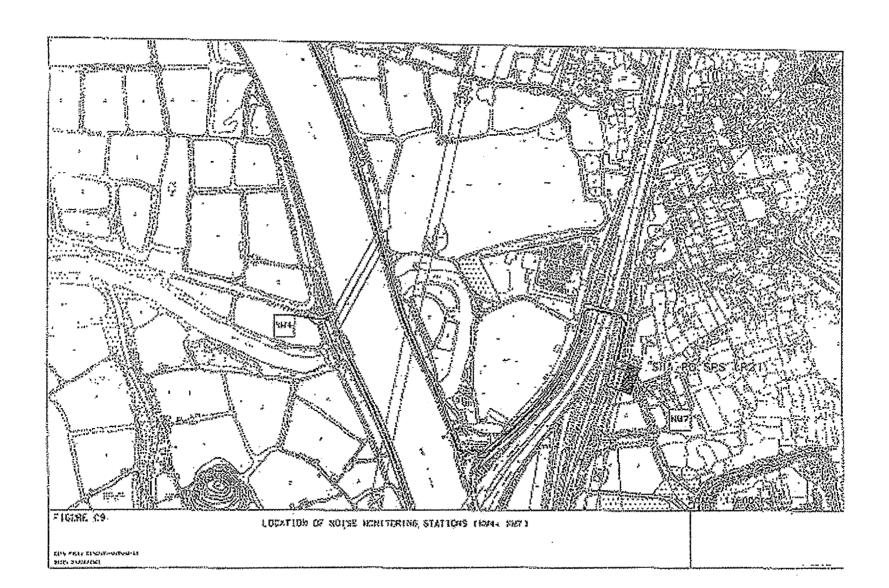














Annex F Event and Action Plan

AUES

Event and Action Plan for Construction Phase Air Quality

EVENT		AC.	TION	
	ET Leader	IEC		
Action Level			, Engineer	Contractor
Exceedance for one sample	Identify source (s) of exceedance and inform IEC, Contractor and Engineer Repeat dust measurements to confirm findings Increase monitoring frequency to daily Assess efficacy of remedial measures and keep the Contractor, IEC, and Engineer informed	Check monitoring data submitted by ET Check monitoring data trends and Contractors working methods Check and confirm Contractors proposed remedial actions and working methods are appropriate	Confirm receipt of notification of exceedance in writing Remind the Contractor of his contractual obligations and review the Contractor's working methods Discuss remedial actions with the Contractor and IEC Inform complainant of actions taken, if necessary	Rectify any unacceptable practice Liaise with Engineer and tEC to develop appropriate remedia measures to reduce dust impact Amend working methods and remedial proposals if required by the Engineer or IEC Implement the agreed remedial actions upon instruction from the Engineer and IEC
Exceedance for two or more consecutive samples	1. Identify source (s) of exceedance and inform IEC, Contractor and Engineer 2. Repeat measurements to confirm findings 3. Increase the monitoring frequency to daily to assess the efficacy of remedial measures and keep the Contractor informed 4. Discuss remedial actions with IEC and Contractor 5. If exceedance continues, arrange meeting with Engineer, IEC and Contractor to review working practices and identify further remedial actions 6. If exceedance stops, inform the Contractor and cease additional monitoring	1. Check monitoring data submitted by ET 2. Check monitoring data trends and Contractors working methods 3. Discuss with Contractor and Engineer on possible remedial measures 4. Check and confirm Contractors proposed remedial measures are appropriate 5. Determine the efficacy of remedial actions and keep the Engineer informed	1. Confirm receipt of notification of exceedance in writing 2. Remind the Contractor of his contractual obligations and review the Contractor's working methods 3. Discuss remedial actions with the Contractor and IEC 4. Ensure remedial measures are properly implemented 5. Inform complainant of actions taken, if necessary.	 Rectify any unacceptable practice, if possible Submit proposals for remedial actions to Engineer and IEC within three working days of notification Discuss and amend remedial actions, if required, by the Engineer and IEC Implement the remedial action (s) immediately upon instruction from the Engineer Discuss with Engineer and IEC, to optimise the effectiveness of the agreed remedial actions
imit Level	P			

Event and Action Plan for	Construction	Phase Air	Ouslin.

EVENT		£ 44.74	10.11	
	. ET Leader	IEC	ION	
Exceedance for one sample	Identify source (s) of exceedance and inform IEC, Contractor and Engineer Repeat dust measurements to confirm findings Increase monitoring frequency to daily Assess efficacy of remedial measures and keep the Contractor, IEC, Engineer and EPD informed	Check monitoring data submitted by ET Check monitoring data trends and Contractors working methods Check and confirm Contractors proposed remedial actions and working methods are appropriate Check and confirm Contractors proposed remedial measures are appropriate Determine the efficacy of remedial actions and keep the Engineer informed	1. Confirm receipt of notification of exceedance in writing 2. Remind the Contractor of his contractual obligations and review the Contractor's working methods 3. Discuss remedial actions with the Contractor and IEC, 4. Ensure remedial measures are properly implemented 5. Inform complainant of actions taken, if necessary.	Contractor 1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to Engineer and IEC within three working days of notification 3. Discuss and amend remedial actions, if required, by the Engineer and IEC 4. Implement the remedial action (s) immediately upon instruction from the Engineer 5. Discuss with Engineer and IEC, to optimise the effectiveness of the
exceedance for wo or more consecutive samples	1. Identify source (s) of exceedance and inform IEC, Contractor and Engineer 2. Repeat measurements to confirm findings 3. Increase the monitoring frequency to daily to assess the efficacy of remedial measures and keep the Contractor informed 4. Discuss remedial actions with IEC and Contractor 5. If exceedance continues, arrange meeting with Engineer, IEC and Contractor to review working practices and identify further remedial actions 6. If exceedance stops, inform the Contractor and cease additional monitoring.	Discuss with Contractor and Engineer on possible remedial measures Check and confirm Contractors proposed remedial measures are appropriate Determine the efficacy of remedial actions and keep the Engineer informed	1. Confirm receipt of notification of exceedance in writing 2. Remind the Contractor of his contractual obligations and review the Contractor's working methods 3. Discuss remedial actions with the Contractor and IEC 4. Ensure remedial measures are properly implemented 5. If exceedance continues, instruct the Contractor to stop the relevant portion of work until the exceedance is abated 6. Inform complainant of actions taken, if necessary.	agreed remedial actions 1. Rectify any unacceptable practice, if possible 2. Submit proposals for remedial actions to Engineer and IEC within three working days of notification 3. Discuss and amend remedial actions, if required, by the Engineer and IEC 4. Implement the remedial action (s) immediately upon instruction from the Engineer 5. Discuss with Engineer and IEC, to optimise the effectiveness of the agreed remedial actions

EVENT	on Plan for Construction Noise									
	ET Leader	ACTION								
Limit Level		IEC	Engineer							
Exceedance for one sample	identify source (s) of exceedance and inform IEC, Contractor and Engineer Repeat dust measurements to confirm findings if repeat measurements confirm exceedance increase monitoring frequency to daily Assess efficacy of remedial measures and keep the Contractor, IEC, and Engineer informed if exceedance stops, inform Contractor and cease additional noise monitoring	1. Check monitoring data submitted by ET 2. Check monitoring data trends and Contractors working methods 3. Check and confirm Contractors proposed remedial actions and working methods are appropriate	1. Confirm receipt of notification of exceedance in writing 2. Remind the Contractor of his contractual obligations and review the Contractor's working methods 3. Discuss remedial actions with the Contractor and IEC 4. Inform complainant of actions taken, if necessary	Contractor 1. Rectify any unacceptable practice 2. Liaise with Engineer and IEC to develop appropriate remedial measures to reduce noise impacts. 3. Amend working methods and remedial proposals if required by the Engineer or IEC 4. Implement the agreed remedial actions upon instruction from the Engineer and IEC						
	 Identify source (s) of exceedance and inform IEC, Contractor and Engineer Repeat measurements to confirm findings increase the monitoring frequency to daily Discuss remedial actions with IEC, Engineer and the EPD Assess the efficacy of remedial measures and keep the Contractor informed If exceedance continues, arrange meeting with Engineer, IEC and Contractor to review working practices and identify further remedial actions If exceedance stops, inform the Contractor and cease additional monitoring. 	1. Check monitoring data submitted by ET 2. Check monitoring data trends and Contractors working methods 3. Discuss with Contractor and Engineer on possible remedial measures 4. Check and confirm Contractors proposed remedial measures are appropriate 5. Determine the efficacy of remedial actions and keep the Engineer Informed	contractual obligations and review the Contractor's working methods Discuss remedial actions with the Contractor and IEC Ensure remedial measures are properly implemented fexceedance continues, instruct the Contractor to stop the relevant portion of work until the exceedance is abated finform complainant of actions taken, if necessary.	1. Rectify any unacceptable practice, if possible 2. Submit proposals for remedial actions to Engineer and IEC within three working days of notification 3. Discuss and amend remedial actions, if required, by the Engineer and IEC 4. Implement the remedial action (s) immediately upon instruction from the Engineer 5. Discuss with Engineer and IEC, to optimise the effectiveness of the agreed remedial actions 6. Stop the relevant portion of work as determined by the Engineer						



Annex G Mitigation Implementation Schedule

41111 TV	La Servicio de la compansión de la compa									*
Ref	EM&A Ref	Environmental!Protection Measures 1, 28	Objectives of the Recommended Measures &	Location of the measure	Implementation	imble	mer	latio		
Additional Action			Recommended Measures & Main Goncerns		Agent	Stag		30		& Guidelines
						27				
		CONSTRUCTION PHASE						報	Lec	
		AIR QUALITY - Construction Phase			 			<u> </u>		
		The following measures are enforceable under the Air Pollution Control (Construction Dust) Regulations					į			
		Site boundary and entrance								
3.5	A1	where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4 m high from ground level should be provided along the boundaries of the seven pumping stations sites and the works area where the Engineer's site office and the Contractor's site office erected;	To prevent access to the site and control potential dust impacts from construction works.	Site wide and throughout the full duration of the construction contract.	The Contractor		√			Part III, Clause 13 (c), Air Pollution Control (Construction Dust) Regulations
		Access Road				İ		l		
3.5	A2	 the portion of any road leading only to a construction site that is within 30 m of a discernible or designated vehicle entrance or exit should be kept clear of dusty materials; 	To control potential dust impacts from vehicle movements.	Site wide and throughout the full duration of the construction contract.	The Contractor		V			Part III, Clause 14, (b), Air Pollution Control (Construction Dust) Regulations
		Stockpiling of Dusty Materials						Ī		Party regulations
3.5	А3	any stockpile of dusty materials should be either covered entirely by impervious sheeting and placed in an area sheltered on the top and the 3 sides or sprayed with water so as to maintain the entire surface wet;	To control potential dust impacts during excavation and stockpiling activities.	Site wide and throughout the full duration of the construction contract.	The Contractor		~	demand to the factor of the fa		Part IV, Clause 18, (a, b & c), Air Pollution Control (Construction Dust) Regulations
		Loading, unloading or transfer of dusty materials]			
3,5	A4	all dusty materials should be sprayed with water or a dust suppression chemical	To control potential dust impacts during material handling and truck movements.	Site wide and throughout the full duration of the construction contract.	The Contractor	ALUT LOT HARMON DILAMAN MANAGEMENT	~			Part IV, Clause 19, Air Pollution Control (Construction Dust) Regulations
1 1		Use of vehicles						1		
3,5	A 5	 every vehicle should be washed to remove any dusty materials from its body and wheels immediately before leaving a construction site; 	To control potential dust impacts from vehicle movements.	Site wide and throughout the full duration of the construction contract.	The Contractor		1			Part IV, Clause 21, (1), Air Pollution Control (Construction

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EIA*	EM&A Ref	Environmental Protection Measures continued to the continue of	Objectives of the Recommended Measures a Main Concerns	Location of the measure	Implementation Agent	imple Stage	nerital	ion 1	Relevant Legislation
3.5	A6	 where a vehicle leaving a construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle; 	To control potential dust impacts during material transportation.	Site wide and throughout the full duration of the construction contract.	The Contractor	TDES		Da Dec	Dust) Regulations Part IV, Clause 21, (2), Air Pollution Control (Construction Dust) Regulations
3.5	A7	Power-driven drilling, and cutting water should be continuously sprayed on the surface where any mechanical breaking operation that causes dust emission is carried out, unless the process is accompanied by the operation of an effective dusty extraction and filtering device;	To control potential dust impacts during mechanical breaking.	Site wide and throughout the full duration of the construction contract.	The Contractor		·		Part IV, Clause 22, Air Pollution Control (Construction Dust) Regulations
3.5		Excavation and earth moving the working area of excavation should be sprayed with water immediately before, during and immediately after the operation so as to maintain the entire surface wet;	To control potential dust impacts arising from excavation works.	Site wide and throughout the full duration of the construction contract.	The Contractor				Part IV. Clause 24, Air Pollution Control (Construction Dust) Regulations
3.5	A9	Construction of the superstructure of a building where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the round floor level of the SPS, or if a canopy is provided a the first floor level, from the first floor level, up to the highest level of the scaffolding; and	To control potential dust impacts from SPS building construction works.	Full duration of SPS construction contract.	The Contractor				Part I, Clause 6, (a), Air Pollution Control (Construction Dust) Regulations
3.5	A10	 any skip hoist for material transport should be totally enclosed by the impervious sheeting. 		Full duration of SPS construction contract.	The Contractor				Part I, Clause 6, (b), Air Pollution Control (Construction Dust) Regulations

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		NOISE - Construction Phase							The state of the s
4.7.1	В1	General Site Clearance – Demolition Works Use of quiet PME which meet the SWLs taken from British Standard, Noise and Vibration Control on Construction Open Sites, BS 5228: Part 1: 1997 (Examples of these PME are shown in Table F2),	To control potential noise impacts during site clearance and demolition works	Site wide and throughout the full duration of the construction contract.	The Contractor				Annex 5 of EIAO-TM
4.7.1	82	Construction of Sewage Pumping Stations P1, P2 & P3 • Use of quiet PME which meet the SWLs taken from British Standard, Noise and Vibration Control on Construction Open Sites, BS 5228: Part 1: 1997,	To minimise potential noise impacts arising during the construction of <i>P1</i> , <i>P2</i> & <i>P3</i>	Site wide and throughout the full duration of the construction contract.	The Contractor	,			Annex 5 of EIAO-TM
		 Adoption of temporary noise barrier, in the form of a site hoarding (with a superficial density of at least 20kg/m2, with no substantial gaps), along the site boundary of the pumping station sites. 	To minimise potential noise impacts arising during the construction of P1, P2 & P3	Site wide and throughout the full duration of the construction contract.	The Contractor				Annex 5 of EIAO-TM
		Sewers and Rising Mains using Open Trench Method							
4.7.1		 Use of quiet PME which meet the SWLs taken from British Standard, Noise and Vibration 	To control potential noise impacts during excavation works.	Site wide and throughout the full duration of the construction contract.	The Contractor				Annex 5 of EIAO-TM
4.7.1	B4	Use of handheld breakers for all initial road opening activities, when breaking tarmac/concrete road surface to a depth of 300mm or when granular material is reached.	To control potential noise impacts during road opening activities.	Where there are NSRs located within 50m of the line of sight. Throughout the full duration of the road opening activities.	The Contractor	*			
4.7.1	B5	Use of movable noise barriers or 3 sided enclosures for all initial road opening activities	To control potential noise impacts during road opening	Where there are NSRs located within 50m of the	The Contractor	_ ~			

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EIA Ref	EM&A Rei	Environmental Profection Measures & Profession (New York)	Objectives of the Recommended Measures & Main Concerns & Services	Location of the measure	Implementation Agent	impi Stag	ementa e te	tion	RelevantiLegislatio
		enclosures for all initial road opening activities (breaking tarmac/concrete road surface to a depth of 300mm or when granular material is reached), where there are NSRs located within 50m of the line of sight from the works area.	activities.	line of sight. Throughout the full duration of the road opening activities.		Des	CE	O. De	
4.7.1	B6	Part 1: 1997,	To control potential noise impacts from PME during construction works	Site wide and throughout the full duration of the construction contract.	The Contractor		*		Annex 5 of EIAO-TM
4.7.1	B7	Road Pavement and Finishes Use of quiet PME which meet the SWLs taken from British Standard, Noise and Vibration Control on Construction Open Sites, BS 5228: Part 1: 1997,	To control potential noise impacts from PME during pavement and finish works	Site wide and throughout the full duration of the construction contract,	The Contractor		1	The state of the s	Annex 5 of EIAO-TM
		WATER QUALITY - Construction Phase No water quality monitoring is required under this study.							
5.6.2	D1	Chemical Waste Producer and Chemical Waste Disposal Licence (Waste Disposal	To monitor the collection, handling and disposal of chemical waste and C&D waste, and in compliance with relevant Hong Kong Standards and Regulations.	Site wide and throughout the full duration of the construction contract.	The Contractor	\	*		Waste Disposal Ordinance (Cap 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap 354), the Land (Miscellaneous Provisions) Ordinance (Cap 28))

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Ref	EM&A Réf	Environmental Protection Measures	Recommended Measures &	Location of the measure	Implementations	Imple	mer	tatio	n k	Relevantillegislation
						Des		O	Dec	& Guidelines
6.6.2	D2 .	Chemical Waste Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the regulations and Code of Practice on the Packaging, Handling and Storage of Chemical Wastes as follows. All chemical waste producers should be registered with the EPD,	To control the handling, storage and disposal of chemical waste, in order to minimise potential spillages/leakages and human health and environmental impacts.	To be implemented at all worksites throughout the full duration of the construction phase.	The Contractor	9	✓			Part II, (6) Waste Disposal (Chemical Waste) (General) Regulation
6.6.2	D3	Storage, Packaging and Labelling of Chemical Waste Containers used for storage of chemical wastes should: • be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; • have a capacity of less than 450 L unless the specifications have been approved by the EPD; and	To ensure the proper storage, packaging and labelling of chemical waste in accordance with the Regulations.	To be implemented at all worksites throughout the full duration of the construction phase.	The Contractor		\			Part IV, (9, 10, 11 & 12) Waste Disposal (Chemical Waste) (General) Regulation
G.6.2	D4 _.	 display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations. Storage of chemical waste The storage area for chemical wastes should: be clearly labelled and used solely for the storage of chemical waste; be enclosed on at least 3 sides; have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest; have adequate ventilation; be covered to prevent rainfall entering (water collected within the bund must be tested and disposed as chemical waste, if necessary); and 	To ensure the proper storage of chemical waste in accordance with the Regulations.	To be implemented at alf worksites throughout the full duration of the construction phase.	The Contractor		\			Part IV, (13,14, 15, 16, 17, & 18) Waste Disposal (Chemical Waste) (General) Regulation

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EIA*	EM&A Ref	Environmentali@rotection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agents	inp Stan	emer e*6	itatio	5000 500	Relevant Legislation & Guidelines a
		Disposal of chemical waste The Contractor should ensure that the disposal of chemical waste is via a licensed Waste Collector and in accordance with the Waste Disposal (Chemical Waste) (General) Regulations.	To control the disposal of chemical waste in accordance with the Regulations.	To be implemented at all worksites throughout the full duration of the construction phase.	The Contractor		1			Part IV, (20 -25) Waste Disposal (Chemical Waste) (General) Regulation
6.6.2	D5	Management of Waste Disposal A trip-ticket system should be established which monitors the disposal of C&DM and solid wastes at public filling facilities and landfills and to control fly-tipping, in accordance with Land (Miscellaneous Provisions) Ordinance (Cap28) and the Works Bureau Technical Circular No. 5/99.	To monitor the disposal of C&DM and solid wastes at public filling facilities and landfills and to control fly-tipping.	To be implemented at all worksites throughout the full duration of the construction phase.	The Engineer/ Contractor		\			Land (Miscellaneous Provisions) Ordinance (Cap 295) and Works Bureau Technical Circular No. 5/99.
7.5.6		LAND CONTAMINATION- Construction Phase A revised CAP should be submitted to the EPD for approval before the commencement of the construction works. Following receipt of the EPD's approval, the CAP shall be implemented and the findings of the investigations will be reported in the Contaminated Assessment Report (CAR), before ground disturbance is allowed at the concerned sites. If land contamination is confirmed, a Remediation Action Plan (RAP) shall be prepared, and both the CAR and the RAP shall be submitted as a combined report to the EPD for approval before disturbing the ground of the concerned sites. If applicable and required in consultation with the	To determine the presence of soil and groundwater contamination and remedy any potential concerns to acceptable levels.	To be implemented before the commencement of the construction works.	To be Implemented by DSD or their sub-consultants at the Detailed Design Stage, depending upon when site access can be gained.	\				EiAO TM Annex 19/3.1.1 & 3.1.2

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Ref	EM&A-Ref	Environmental Protection:Measures	Objectives of the way in the commended Measures & Main Concerns of the concern	Location of the measure	Implementation	lmpi Stad	emer	Itation		Rele	vant Le ideline	gislation
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		EPD, the contaminated site(s) shall be remediated in accordance with the approved CAR/RAP, ECOLOGY - Construction Phase	·	The state of the s		1000000	(M. S.)	1		4 2 2		\$155 NASA
8.7.1	F1	Mitigation Measures Adopted - Avoidance Construction activities shall be prohibited during the winter season (November to March) along the section of the proposed sewerage alignment, which fall within the Deep Bay Wetland Conservation Area and the Deep Bay Wetland Buffer Area (WCA and WBA) and close to the locations of ecologically sensitive species (including Intermediate Egret, Black-faced Spoonbill, Buzzard, Imperial Eagle and Avocet). (See Figure 8.7a attached). Regular site inspections (at least twice a month) should be conducted by the Environmental Team during the winter season (November to March) to ensure proper implementation of this restriction	To schedule construction works in order to minimise potential impacts to winter visiting birds. To be confirmed by regular site inspections.	At identified location (Figure 8.7a) for the full duration of the construction contract.	The Contractor		~		4			
8.7.2	F2	Mitigation Measures Adopted - Minimisation Pipe jacking method should be used instead of dredging where sewers and rising mains cross over existing MDC within the WCA and WBA.	To minimise potential construction noise impacts to ecological sensitive receivers within the WCA/WBA.	For the full duration of the construction contract.	The Contractor		'					
8.7.2		Regular inspections (at least twice a month) should be conducted by the ET during the winter season (November to March) for the remaining sections of the proposed sewerage alignment (including parts of S4, S5 and S6) within the WCA and WBA, where construction activities cannot be rescheduled.	To schedule noisy construction activities to minimise potential impacts to winter visiting birds.	Work fronts other than identified sections within WBA & WCA (see Figure 8.7a attached) throughout the full duration of the construction contract.	The Contractor		1					
		The site inspections shall check and report the number of workfronts and implementation of	-						-			

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8.7.3	F5	mitigation measures (i.e. crection of movable noise barriers with a suitable footing along the sites) in the monthly EM&A reports. Mitigation Measures Adopted Quietened construction plant and equipment (as shown in Table F2) should be used for the construction of pumping stations (P3 and P2) and sewerage alignment (S4, S5 and S6) located within the WCA and WBA.	Quiet construction plant shall minimise potential noise impacts to the wildlife, particularly rare birds including Black-faced Spoonbill, Buzzard, Hobby, Imperial Eagle, Intermediate Egret, Avocet and Black-eared Kite	At described locations and throughout the full duration of the construction contract.	The Contractor	Des	6	0	
8.7.4		Erection of fences along the boundary of pumping station construction sites (P1 to P3) before the commencement of construction works to prevent tipping, vehicle movements, and encroachment of personnel into adjacent areas, and P2 to avoid disturbance to the remaining pond areas (0.7 ha);	To erect fences to prevent encroachment of construction activities onto adjacent areas.	At P1 to P3 for full duration of the construction contract.	The Contractor			The second secon	
8.7.4	F7		To avoid disturbance to abandoned fishponds from construction activities and illegal dumping.	At P2 for full duration of the construction contract	The Contractor		/		
8.7.4		construction sites of P1 to P3. The sitt removal facilities should be designed in accordance with	To install sift removal facilities in potentially impact streams and ponds to prevent sedimentation.	At P1 to P3 for full duration of the construction contract.	The Contractor	Media sandahan di Amelindan sana sana sangai sagawa sana sana sana	~		
8.7.4	F9	No open fires within the site boundary during	To prohibit open fires, thereby	Site wide and throughout	The Contractor		1		Air Pollution Control

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						Stac	le :		Relevant Legislatio
2 //TT//14 WW.	· managraukkeen	construction and provide temporary fire fighting	Element of the second of the s		Hambara II	Des	C.	61	S Guidelines:
8.7.4		No filling and dumping to the remaining abandoned fishpond at P2.	minimising potential damage to trees and shrubs. To avoid disturbance to abandoned fishponds from construction activities and illegal dumping.	the full duration of the construction contract, At P2 for full duration of the construction contract	The Contractor	i Guleni	V	M3548 15	(Open Burning) Regulation
\$.7.4 	F8	Installation and operation of silt removal facilities at construction sites of P1 to P3. The silt removal facilities should be designed in accordance with Appendix A1 of ProPECC Note PN1/94 Construction Site Drainage.	To install silt removal facilities in potentially impact streams and ponds to prevent sedimentation.	At P1 to P3 for full duration of the construction contract.	The Contractor		/		
3.7.4	F9	No open fires within the site boundary during construction and provide temporary fire fighting equipment in the work areas.	To prohibit open fires, thereby minimising potential damage to trees and shrubs.	Site wide and throughout the full duration of the construction contract.	The Contractor		~		Air Pollution Control (Open Burning) Regulation
		FISHERIES - Construction Phase			<u> </u>				
		No specific mitigation measures are required for inclusion in the EP.							
		CULTURAL HERITAGE – Not Applicable for Package 1A-1T (DC/2005/02)							
		LANDSCAPE AND VISUAL - Construction Phase						_	
 	H1	The site inspections shall check and report the							
		implementation of mitigation measures (i.e. top-soil are reused and new compensatory planting works are carried out immediately after the construction of the civil structure) in the monthly EM&A reports.	To minimise potentiat landscape and visual impacts.	To be implemented during the construction phases of the project.	The Contractor		~		
		The first monthly EM&A Report should also report the appearance of the temporary hoarding barriers.							
		Prior to application for an Environmental Permit, a set of landscape plans and building elevations of the proposed pumping stations should be	To minimise potential landscape and visual impacts.	To be implemented during the design and construction phases of the	DSD and The Contractor	Ý	V		

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Re		Submitted for approval by the EPD.	Becommended Measurest Main Concerns	te Locationorine meas	Implementation	implen Stage:	entatio assess	Relevant (Cegistations)
		submitted for approval by the EPD.				Des		
		elevations should demonstrate that the following elements are considered:		project.		STATE OF		
······································		 existing landscape elements (such as mature trees), transplantation of valuable trees, new compensatory planting 						
		 incorporate information on materials, details and textures so as to be as visually recessive as possible and in a style that fits with the surrounding village buildings. colour should be of tow chromatic intensity to reduce the state of th						
		structures and their background. The external finishing of the Pumping Stations shalf be designed in conjunction with the landscape scheme.						9
		 a minimum screen planting of 3m width and use of trees with a dense canopy of up to 5 m in height subject to constraints such as engineering and land availability. felling of mature trees are kept to a minimum. 						
		EM&A REQUIEMENTS - Construction Phase						
.7	Ī1	Air Quality Subject to the Environmental Protection Departments (EPDs) agreement, construction phase dust monitoring shall be undertaken at the following locations in accordance with the recommendations of the EIA, Worksite boundary facing Scattered house in Nam Sang Wai (AM1);	Installations of the dust monitoring stations to ensure the action and limit levels are not exceeded.	At specified dust monitoring locations for the duration of the construction works.	To be undertaken by the Environmental Team (ET) and reviewed and audited by the Engineer /DSD	~		Air Pollution Control (Construction Dust) Regulations
		 Worksite boundary facing Fung Kat Heung (AM5); Worksite boundary facing Scattered House near Route 3 (AM6); 				-		



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EIA†	EM&A Ref					A COUNTY	A SHOW THE		 Relevant Legislation
4.9.1	12	at any additional locations, where considered necessary, in agreement with EPD. Construction Noise Subject to the Environmental Protection Departments (EPDs) agreement, construction phase noise monitoring shalf be undertaken at the	Installations of the noise monitoring stations to ensure the action and limit levels are not exceeded.	At specified noise monitoring locations	To be	Des	C	Ö	Noise Control Ordinance
		T Sportation, Oce Bedomminssioning			***	-	······································		



Annex H

Monitoring Results & Graphical Plots of Air Quality and Noise Monitoring Results



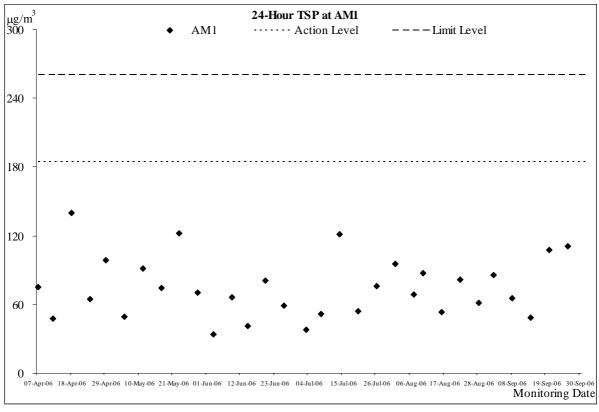
Air Quality Monitoring Results & Graphical Plot

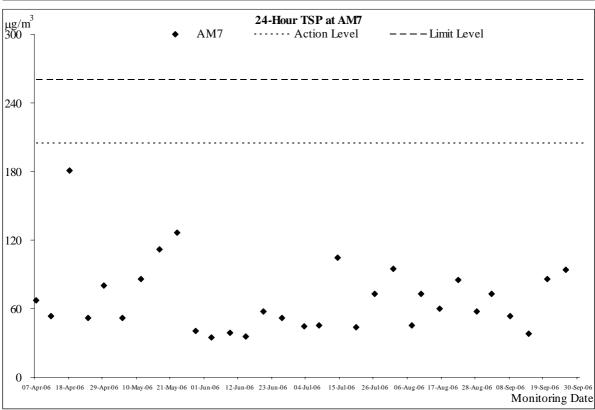
Data	24-Hr TS	SP (ug/m ³)
Date	AM1	AM7
7-Apr-06	75	67
12-Apr-06	48	53
18-Apr-06	140 (Note 1)	181 (Note 1)
24-Apr-06	65	52
29-Apr-06	99	80
5-May-06	49	52
11-May-06	91	86
17-May-06	74	112
23-May-06	122	126
29-May-06	71	41
3-Jun-06	34	35
9-Jun-06	67	39
14-Jun-06	41	36
20-Jun-06	81	58
26-Jun-06	59	52
3-Jul-06	38	45
8-Jul-06	52	46
14-Jul-06	121	105
20-Jul-06	55	43
26-Jul-06	76	73
1-Aug-06	96	95
7-Aug-06	69	45
10-Aug-06	87	73
16-Aug-06	53	60
22-Aug-06	82	85
28-Aug-06	61	57
2-Sep-06	85	73
8-Sep-06	65	54
14-Sep-06	49	38
20-Sep-06	108	86
Average (Range)	75 (34 - 140)	69 (35 - 181)

All 24-Hr TSP monitoring were preset to start at 00:00 on each monitoring date.

Note 1: There was no AL exceedance recorded and the elevated levels are still within the baseline range. No noticeable dust source was observed at the time of monitoring and the weather condition on that day was sunny/moderate with API 62 recorded. The elevated levels at both monitoring locations are likely to be due to the ambient air conditions.









Construction Noise Monitoring Results & Graphical Plot

Noise Monitoring Results at NM3

Date	Start Time	1st Leq5	2nd Leq5	3rd Leq5	4th Leq5	5th Leq5	6th Leq5	Leq30	Corrected * Leq30
7-Apr-06	14:35	49.7	51.5	47.4	47.6	49.4	55.6	51	54
13-Apr-06	13:09	50.0	57.1	53.3	49.1	50.4	48.7	53	56
19-Apr-06	13:02	59.7	58.4	58.6	57.2	65.1	47.0	60	63
25-Apr-06	09:37	59.1	62.0	58.4	56.7	54.5	53.8	58	61
2-May-06	15:01	51.5	48.9	49.1	48.4	52.3	51.8	50.6	53.6
8-May-06	13:18	47.1	53.4	48.4	47.7	47.9	48.2	49.4	52.4
13-May-06	10:46	62.7	61.2	57.3	55.3	56.4	58.3	59.4	62.4
19-May-06	13:47	49.6	51.3	50.7	54.3	58.2	57.4	54.8	57.8
25-May-06	14:03	54	50.8	51.2	49.6	49.9	52.1	51.5	54.5
30-May-06	14:04	50.6	55.1	49.6	50.4	51.3	48.4	51.5	54.5
5-Jun-06	15:08	56.2	57.1	56.6	57.8	56.3	58.0	57.1	60.1
10-Jun-06	13:58	53.9	48.8	55.1	52.6	52.7	55.2	53.5	56.5
15-Jun-06	13:49	60.9	60.6	63.4	58.0	56.9	57.6	60.2	63.2
21-Jun-06	13:01	46.1	44.5	45.2	46.1	44.6	47.2	45.7	48.7
27-Jun-06	10:18	52.6	50.6	50	50.9	51.1	52.3	51.3	54.3
4-Jul-06	13:47	60.7	57.2	48.9	49.2	49.4	51.6	55.4	58.4
10-Jul-06	14:31	51.2	42.0	42.6	46.8	42.9	43.7	46.3	49.3
15-Jul-06	10:16	54.4	51.7	51.2	56.2	55.6	50.0	53.8	56.8
21-Jul-06	14:16	54.2	46.2	52.1	47.5	48.6	46.2	50.3	53.3
27-Jul-06	10:28	52.8	52.9	51.1	52.6	51.7	52.3	52.3	55.3
2-Aug-06	10:43	55	58	62	54	59	69	63	66
8-Aug-06	10:02	44	49	43	55	53	46	50	53
11-Aug-06	14:33	50	51	51	48	49	49	50	53
17-Aug-06	10:14	56	48	44	46	47	49	51	54
23-Aug-06	10:17	46	47	50	48	46	47	48	51
29-Aug-06	09:55	47	48	47	47	47	48	47	50
04-Sep-06	11:01	47.4	44.8	48.1	52.3	46.9	45.8	48.3	51.3
09-Sep-06	11:19	56.1	56.5	53.9	62.3	57.5	53.3	57.7	60.7
15-Sep-06	13:48	56.2	51.6	55.8	60.3	53.7	56.1	56.5	59.5
21-Sep-06	13:47	46.2	46.8	45.1	47.2	46.8	45.6	46.3	49.3
Limit Le	evel								75

^{*} A façade correction of +3 dB(A) has been added according to acoustical principles and EPD guidelines.

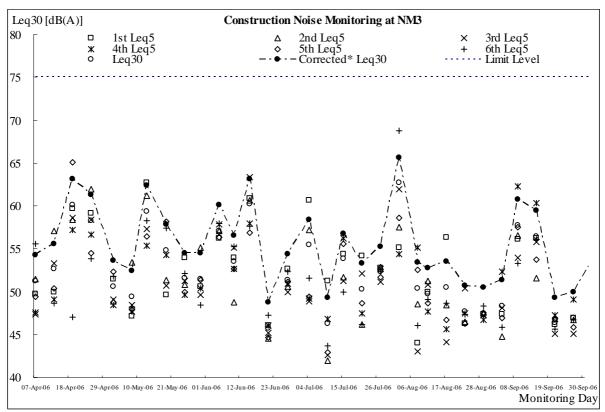


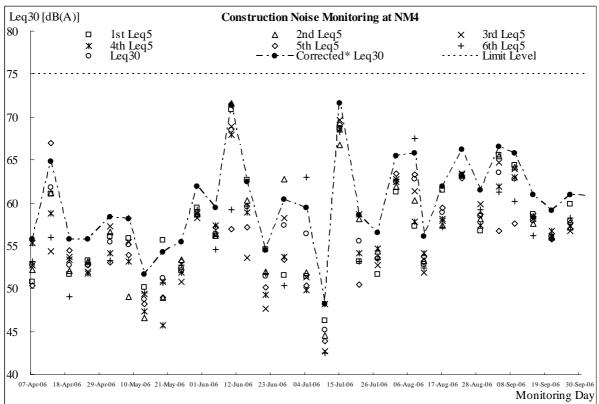
Noise Monitoring Results at NM4

Date	Start Time	1st Leq5	2nd Leq5	3rd Leq5	4th Leq5	5th Leq5	6th Leq5	Leq30	Corrected * Leq30
7-Apr-06	14:12	50.8	52.2	52.7	55.3	50.3	53.1	53	56
13-Apr-06	11:10	61.0	61.1	54.3	58.8	67.0	56.0	62	65
19-Apr-06	15:03	51.6	52.1	53.7	53.4	54.4	49.1	53	56
25-Apr-06	09:12	53.3	53.2	52.0	51.8	52.7	53.0	53	56
2-May-06	14:52	56.1	56.6	57.3	54.1	53	53.3	55.4	58.4
8-May-06	13:09	55.9	49.1	55.4	53.2	53.9	58.2	55.1	58.1
13-May-06	10:21	50.1	46.6	49.4	47.3	48.2	49.5	48.7	51.7
19-May-06	13:06	55.6	48.9	50.8	45.7	48.9	50.7	51.2	54.2
25-May-06	14:09	52.1	53.4	50.8	51.9	53.2	52.7	52.4	55.4
30-May-06	14:31	59.4	58.7	58.2	58.8	58.7	59.2	58.9	61.9
5-Jun-06	15:24	56.1	56.4	56.2	57.4	57.1	54.6	56.4	59.4
10-Jun-06	14:11	70.8	71.6	68.9	67.9	56.9	59.2	68.4	71.4
15-Jun-06	13:09	62.6	60.3	53.6	58.9	57.1	59.6	59.5	62.5
21-Jun-06	11:27	54.6	52	47.7	49.3	50.1	51.7	51.5	54.5
27-Jun-06	09:41	51.5	62.8	58.2	53.7	53.4	50.4	57.4	60.4
4-Jul-06	14:31	51.4	51.9	51.3	49.8	50.3	63.0	56.4	59.4
10-Jul-06	13:56	46.2	44.5	42.7	48.2	43.9	42.5	45.2	48.2
15-Jul-06	09:41	68.7	66.7	69.6	68.6	69.1	68.2	68.6	71.6
21-Jul-06	13:42	53.2	58.1	58.6	54.1	50.5	53.1	55.5	58.5
27-Jul-06	09:53	51.6	54.3	52.7	54.7	53.6	53.4	53.5	56.5
2-Aug-06	10:07	61	62	63	62	63	63	62	65
8-Aug-06	09:25	57	60	61	58	63	68	63	66
11-Aug-06	13:55	53	53	52	54	54	52	53	56
17-Aug-06	09:38	62	57	58	58	59	57	59	62
23-Aug-06	09:34	63	63	63	63	63	63	63	66
29-Aug-06	09:16	57	58	60	57	59	59	58	61
4-Sep-06	10:20	65.6	65.4	64.7	61.9	56.7	61.2	63.5	66.5
9-Sep-06	10:38	64.4	64.1	63.9	63	57.6	60.2	62.8	65.8
15-Sep-06	13:11	58.6	57.6	58.1	58.4	58.3	56.2	57.9	60.9
21-Sep-06	13:09	56	56	56.1	56.7	55.7	55.8	56.1	59.1
Limit Le	evel								75

^{*} A façade correction of +3 dB(A) has been added according to acoustical principles and EPD guidelines.









Annex I

Meteorological Data in the Reporting Period



Meteorological Data Extracted From The HK Observatory at Lau Fau Shan Weather Station

April 2006

Date		Weather	Total Rainfall (mm)	Mean Air Temp.	Wind Speed (km/h)	Mean Relative	Wind Direction
1-Apr-06	Sat	sunny/ moderate	Trace	24.6	15	90	E/SE
2-Apr-06	Sun	sunny/ mist/ rain	0.1	23.1	8	85	SW/W
3-Apr-06	Mon	fine/ haze/ cloudy/ moderate	Trace	25.4	21	95	SE/S
4-Apr-06	Tue	cloudy/ sunny/ moderate	-	26.4	12	90	SE/S
5-Apr-06	Wed	sunny/ moderate	-	27	12	90	S/SW
6-Apr-06	Thu	cloudy/ rain/ moderate	Trace	25.7	15	95	NE/E
7-Apr-06	Fri	misty/ rain/ sunny/ cloudy	Trace	21.8	15	95	Е
8-Apr-06	Sat	sunny/ cloudy/ moderate	-	22.8	12	90	Е
9-Apr-06	Sun	misty/ sunny	Trace	24.8	25	90	SE/S
10-Apr-06	Mon	cloudy/ sunny/ showers	Trace	27.5	30	85	S/SW
11-Apr-06	Tue	hot/ sunny/ moderate	Trace	28.4	22	80	S/SW
12-Apr-06	Wed	sunny/ showers/ cloudy/ moderate	Trace	28.6	25	75	S/SW
13-Apr-06	Thu	cloudy	0.9	21.7	20	85	NW/N
14-Apr-06	Fri	cloudy	0.1	16.6			
15-Apr-06	Sat	cloudy/ rain	1	14.5		Holidays	
16-Apr-06	Sun	cloudy	Trace	16.3			
17-Apr-06	Mon	cloudy	-	19.9	12	65	E/SE
18-Apr-06	Tue	sunny/ cloudy/ moderate	-	24.1	15	85	Е
19-Apr-06	Wed	fine/ haze	-	25.1	12	85	SW/W
20-Apr-06	Thu	cloudy/ moderate	0.2	25.4	21	85	E/SE
21-Apr-06	Fri	fine/ moderate	-	25.1	24	90	SE/S
22-Apr-06	Sat	fine/ cloudy/ moderate	-	27.3	15	90	SE/S
23-Apr-06	Sun	sunny/ showers	-	27.9	15	85	S/SW
24-Apr-06	Mon	cloudy/ moderate/ showers/ thunderstorms	109.4	25.7	19	95	SE/S
25-Apr-06	Tue	rain/ mist/ sunny	Trace	25.7	28	85	SE
26-Apr-06	Wed	cloudy/ moderate/ sunny/ showers	8	27.5	10	70	S/SW
27-Apr-06	Thu	cloudy/ showers/ moderate/ thunderstorms	11.9	27.7	25	90	S/SW
28-Apr-06	Fri	cloudy/ rain/ moderate	66	23.7	16	16 95	
29-Apr-06	Sat	cloudy/ rain/ moderate	1.6	22.2	9	95	NE/E
30-Apr-06	Sun	sunny/ showers	-	25.7	-	-	-



May 2006

Date		Weather	Total Rainfall	Mean Air Temp.	Wind Speed	Mean Relative	Wind Direction
			(mm)	(°C)	(km/h)	(%)	Direction
1-May-06	Mon	sunny/ showers	-	27.6	25	90	SW
2-May-06	Tue	cloudy/ showers/ moderate	70.1	26.7	20	95	S/SW
3-May-06	Wed	cloudy/ rain/ moderate/ thunderstorms	108.2	22.1	20	95	E/SE
4-May-06	Thu	cloudy/ misty/ bright/ moderate	0.2	25.4	6	95	E/SE
5-May-06	Fri	sunny/ showers	1.3	26.6	15	90	SE/E
6-May-06	Sat	fine/ hot/ moderate	1	28.3	20	85	S/SW
7-May-06	Sun	fine/ hot/ showers	-	28.2	13	85	SE/S
8-May-06	Mon	moderate/ fine/ hot/ showers	-	27.9	15	80	SE/S
9-May-06	Tue	fine/ hot/ moderate	-	28.8	24	90	S/SW
10-May-06	Wed	fine/ hot/ moderate	-	28.9	30	85	SW/W
11-May-06	Thu	cloudy/ moderate/ sunny/ showers	Trace	28.1	18	80	E/SE
12-May-06	Fri	cloudy/ sunny/ moderate	Trace	27.2	18	85	Е
13-May-06	Sat	cloudy/ haze/ moderate	Trace	25.3	9	90	E/SE
14-May-06	Sun	sunny	Trace	23.5	17	50	NE/E
15-May-06	Mon	cloudy/ moderate/ showers/ sunny	Trace	24.1	20	60	NE/E
16-May-06	Tue	moderate/ cloudy/ showers	1.6	23.1	25	65	NE/E
17-May-06	Wed	gale/ cloudy/ showers	15	22.1	35	90	NW/N
18-May-06	Thu	fine/ moderate	Trace	25	25	75	NW/N
19-May-06	Fri	sunny/ dry/ fine/ moderate	-	25	15	50	E/SE
20-May-06	Sat	cloudy/ rain/ moderate	1	24.6	15	80	E/SE
21-May-06	Sun	cloudy/ rain	69.7	23.1	20	95	E/SE
22-May-06	Mon	showers/ cloudy/ thunderstorms	22.9	25.2	14	95	S
23-May-06	Tue	cloudy/ showers/ thunderstorms	30.9	25.3	3	95	SW/W
24-May-06	Wed	cloudy/ mist/ rain/ moderate	0.5	26.1	6	95	SE/S
25-May-06	Thu	cloudy/ sunny/ moderate	-	26.3	15	90	SE/S
26-May-06	Fri	cloudy/ showers/ sunny/ moderate	Trace	27.8	9	90	S/SW
27-May-06	Sat	moderate/cloudy/ rain/thunderstorms	5.5	25.9	15	95	S/SW
28-May-06	Sun	rain/ thunderstorms	59.7	23.6	10	95	W
29-May-06	Mon	cloudy/ rain/ moderate	4.2	21.3	10	95	NE/E
30-May-06	Tue	cloudy/moderate/ rain/thunderstorms	13	23.8	3	95	Е
31-May-06	Wed	cloudy/ showers	27.7	26.1	20	85	S/SW



June 2006

Date		Weather	Total Rainfall	Mean Air Temp.	Wind Speed	Mean Relative	Wind Direction
1-Jun-06	Thu	moderate/showers/	(mm) 33.2	(°C) 25.8	(km/h)	(%) 95	S/SW
2-Jun-06	Fri	cloudy/thunderstorms cloudy/ moderate/ rain/ thunderstorms	80.2	25.8	9	100	S/SW
3-Jun-06	Sat	cloudy/thunderstorms/ showers/ moderate	0.6	26.6	18	95	S/SW
4-Jun-06	Sun	sunny/ showers	1.5	28.5	29	80	S/SW
5-Jun-06	Mon	cloudy/ showers/ sunny/ moderate	Trace	28.3	29	80	S/SW
6-Jun-06	Tue	cloudy/ showers/ sunny	0.8	28.7	30	85	S/SW
7-Jun-06	Wed	sunny/ showers	0.4	26.7	25	85	S/SW
8-Jun-06	Thu	cloudy/ showers/ thunderstorms	12.4	27.8	30	85	SW
9-Jun-06	Fri	rain/ thunderstorms/ moderate	136.7	25.3	5	100	SW
10-Jun-06	Sat	cloudy/ misty/ rain/ moderate	26.4	23.1	15	95	W/NW
11-Jun-06	Sun	cloudy/ showers/ thunderstorms	9.5	24.2	15	90	E/SE
12-Jun-06	Mon	cloudy/ moderate/ rain/ thunderstorms	9.4	23.9	12	95	Е
13-Jun-06	Tue	cloudy/ showers/ sunny/ moderate	65.2	27.2	12	95	S
14-Jun-06	Wed	cloudy/ showers/ sunny/ moderate	0.4	28.3	19	85	S/SW
15-Jun-06	Thu	cloudy/thunderstorms/ moderate/ showers	0.2	28.1	15	90	S/SW
16-Jun-06	Fri	hot/ sunny/ showers/ moderate	0.1	29.2	10	85	SW/W
17-Jun-06	Sat	-	Trace	29	-		
18-Jun-06	Sun	-	Trace	28.6	10	90	E/SE
19-Jun-06	Mon	cloudy/ showers/ thunderstorms	0.6	25.2	10	95	NE/E
20-Jun-06	Tue	showers/ moderate/ sunny/ thunderstorms	Trace	26.3	9	95	E/SE
21-Jun-06	Wed	thunderstorms/cloudy/ moderate/ showers	10	27.6	9	95	SE/S
22-Jun-06	Thu	sunny/thunderstorms/moderate/showers	10.4	27.4	9	90	SE
23-Jun-06	Fri	fine/ moderate/ hot/ showers	1	28.5	6	75	SE/S
24-Jun-06	Sat	fine/ hot/ showers/ moderate	-	29.6	9	90	SE/S
25-Jun-06	Sun	fine/ hot/ showers	-	29.6	15	70	S
26-Jun-06	Mon	fine/ hot/ showers	1	29.7	12	75	SE/S
27-Jun-06	Tue	sunny/ showers/ thunderstorms	0.1	29.9	18	85	E/SE
28-Jun-06	Wed	cloudy/ showers/ thunderstorms	51	27.5	15	95	Е
29-Jun-06	Thu	cloudy/thunderstorms/moderate/showers	16.6	27.4	30	85	SE
30-Jun-06	Fri	cloudy/ showers/ sunny/ moderate	2.5	29.6	14	85	SE



July 2006

Date		Weather	Total Rainfall (mm)	Mean Air Temp.	Wind Speed (km/h)	Mean Relative (%)	Wind Direction
1-Jul-06	Sat	sunny/ showers	2.9	29.8	(1111/11)	Holiday	l
2-Jul-06	Sun	sunny/ showers	5.3	29.4	12	85	E/SE
3-Jul-06	Mon	sunny/ showers/ moderate	6.3	29.7	15	85	SE
4-Jul-06	Tue	cloudy/ showers/ sunny/ moderate	14.8	28.4	15	85	SE
5-Jul-06	Wed	hot/ showers/ sunny/ moderate	1.5	29.6	15	90	SE/S
6-Jul-06	Thu	hot/ showers/ sunny/ moderate	2	29.6	14	85	SW
7-Jul-06	Fri	hot/thunderstorms/ sunny/showers	3.2	30.4	25	85	S/SW
8-Jul-06	Sat	cloudy/ showers/ moderate	19.5	28.7	12	85	SW
9-Jul-06	Sun	cloudy/ showers	7	27.7	15	90	SE/S
10-Jul-06	Mon	cloudy/ showers/ thunderstorms	6.8	29.1	15	90	SE/S
11-Jul-06	Tue	cloudy/ showers/ thunderstorms	32.3	28.3	12	90	SE/S
12-Jul-06	Wed	fine/ hot/ thunderstorms	-	29.4	21	90	SW/W
13-Jul-06	Thu	fine/hazy/hot/ showers/moderate	Trace	31.2	25	90	SW/W
14-Jul-06	Fri	sunny/ haze/ cloudy/ showers	0.2	31	25	80	SW
15-Jul-06	Sat	cloudy/ rain/ thunderstorms	7	27.9	40	95	SW
16-Jul-06	Sun	cloudy/ rain/ thunderstorms	195.6	26.7	24	95	S
17-Jul-06	Mon	cloudy/ showers	5.3	28.5	28	90	SE/S
18-Jul-06	Tue	showers/ hot/ sunny/ moderate	Trace	29.1	18	90	SE/S
19-Jul-06	Wed	fine/ hot/ showers/ moderate	Trace	28.9	9	90	SE
20-Jul-06	Thu	fine/ hot/ showers/ moderate	-	29.2	21	90	W
21-Jul-06	Fri	fine/ hot	-	29.2	18	70	SE
22-Jul-06	Sat	fine/ hot/ showers	-	29.5	6	90	E/SE
23-Jul-06	Sun	fine/ hot/ showers	Trace	30.2	21	70	W
24-Jul-06	Mon	fine/ hot/ showers	10.1	31	6	80	SW/W
25-Jul-06	Tue	hot/hazy/showers/ thundestorms	-	31.9	18	80	SW/W
26-Jul-06	Wed	cloudy/ rain/ thunderstorms	Trace	26.9	20	80	S/SW
27-Jul-06	Thu	cloudy/ rain/ thunderstorms	72.8	25.7	10	98	SE/S
28-Jul-06	Fri	cloudy/ showers/ thunderstorms	85.6	26.8	18	95	E/SE
29-Jul-06	Sat	cloudy/ showers/ thunerstorms	87.2	24.8	15	95	Е
30-Jul-06	Sun	showery/ sunny	3.8	27.8	13	70	E/SE
31-Jul-06	Mon	fine/ hot/ moderate	Trace	29.2	19	85	Е



August 2006

Date		Weather	Total Rainfall (mm)	Mean Air Temp.	Wind Speed (km/h)	Mean Relative (%)	Wind Direction
1-Aug-06	Tue	fine/ hot/ showers/ moderate	-	29	5	85	E/SE
2-Aug-06	Wed	cloudy/ showers	26	26.7	30	95	Е
3-Aug-06	Thu	cloudy/ rain/ gale	54.2	25.6	40	90	E/SE
4-Aug-06	Fri	cloudy/ showers/ strong	18	27.7	25	85	SE
5-Aug-06	Sat	cloudy/ showers/ sunny/ moderate	5.9	27.4	11	30	E/SE
6-Aug-06	Sun	sunny/ showers	4.6	26.7	12	90	E/SE
7-Aug-06	Mon	fine/ hot	0.1	27.5	6	80	W
8-Aug-06	Tue	fine/ hot/ showers	-	27.6	6	85	SE/S
9-Aug-06	Wed	fine/ hot/ haze/ showers	Trace	28.6	6	85	SW/W
10-Aug-06	Thu	cloudy/ rain/ moderate	45.6	26.5	10	97	SW/W
11-Aug-06	Fri	cloudy/ showers/ moderate	3.7	28.3	15	80	E/SE
12-Aug-06	Sat	fine/ showers/ moderate	Trace	29.1	9	90	E/SE
13-Aug-06	Sun	fine/ hot	-	29.7	18	75	SE
14-Aug-06	Mon	fine/ showers/ hot/ moderate	-	29.6	9	90	Е
15-Aug-06	Tue	fine/ hot/ showers/ moderate	-	28.7	12	75	Е
16-Aug-06	Wed	fine/ hot/ showers/ moderate	-	29	9	80	SE/S
17-Aug-06	Thu	fine/ hot/ showers	-	29.3	9	85	SW/W
18-Aug-06	Fri	fine/ haze/ hot/ showers/ moderate	Trace	28.4	12	80	SW/W
19-Aug-06	Sat	fine/ hazy/ hot/ showers/ moderate	51.1	26.7	5	95	NW/N
20-Aug-06	Sun	fine/ hot/ hazy	0.1	28.1	12	90	SE/S
21-Aug-06	Mon	hazy/ hot/ showers/ sunny	-	29.5	9	90	Е
22-Aug-06	Tue	fine/ hot/ hazy/ showers/moderate	Trace	29.2	9	90	E/SE
23-Aug-06	Wed	fine/ hazy/ showers/ moderate	-	29.2	9	85	SE/S
24-Aug-06	Thu	cloudy/thunderstorms/showers/moderate	38.8	27.6	12	90	E/SE
25-Aug-06	Fri	cloudy/ showers/ moderate	20.6	27.8	18	95	SE/S
26-Aug-06	Sat	cloudy/ showers/ sunny/ moderate	2.2	27.9	15	95	SE/S
27-Aug-06	Sun	sunny/ showers	2.3	28.1	9	85	E/SE
28-Aug-06	Mon	sunny/thunderstorms/moderate/showers	2.2	28.8	15	85	E/SE
29-Aug-06	Tue	fine/ showers/ moderate	Trace	29.4	21	65	SE/S
30-Aug-06	Wed	fine/ hot/ showers/ moderate	Trace	29.2	21	85	W
31-Aug-06	Thu	fine/ hot/ moderate	-	29.7	14	85	SW/W



September 2006

Date		Weather	Total Rainfall (mm)	Mean Air Temp.	Wind Speed (km/h)	Mean Relative	Wind Direction
1-Sep-06	Fri	fine/ showers/ hot/ moderate	-	30	16	85	SW/W
2-Sep-06	Sat	hot/ showers/ sunny/ thunderstorms	Trace	30.3	9	90	SW/W
3-Sep-06	Sun	sunny/ showers	Trace	28.4	6	85	SW/W
4-Sep-06	Mon	cloudy/ showers/ thunderstorms	0.6	28.2	9	90	SE/S
5-Sep-06	Tue	hot/ sunny/ showers/ moderate	3.2	29.4	9	85	S/SW
6-Sep-06	Wed	showers/ sunny/ moderate	4.9	27.4	15	95	SW/W
7-Sep-06	Thu	cloudy/ showers/ thunderstorms	35.1	25.8	9	95	SE/S
8-Sep-06	Fri	cloudy/ showers/ thunderstorms	11.8	27.6	6	90	SE/S
9-Sep-06	Sat	-	92.4	25	-	-	-
10-Sep-06	Sun	-	3.5	23.5	23	75	N/NE
11-Sep-06	Mon	sunny/ cloudy/ moderate	Trace	23.5	20	80	N/NE
12-Sep-06	Tue	cloudy/ rain/ moderate	5	20.6	19	95	N/NE
13-Sep-06	Wed	cloudy/ rain/ thunderstorms	248.3	22.2	22	97	NE/E
14-Sep-06	Thu	cloudy/ showers/ moderate	12.9	26.1	12	90	Е
15-Sep-06	Fri	hazy/ showers/ moderate/ sunny	1	27	15	95	NE/E
16-Sep-06	Sat	cloudy/ showers/ haze/ moderate	Trace	27	12	80	N/NE
17-Sep-06	Sun	fine/ haze/ showers	-	26	21	55	N/NE
18-Sep-06	Mon	sunny/ haze/ moderate	-	25.8	12	70	Е
19-Sep-06	Tue	fine/ haze/ moderate	-	26.4	11	90	Е
20-Sep-06	Wed	fine/ haze/ moderate	-	25.9	9	70	E/SE
21-Sep-06	Thu	fine/ dry/ moderate/ haze	-	26.7	6	75	E/SE
22-Sep-06	Fri	fine/ haze/ moderate	-	26.8	14	80	E/SE
23-Sep-06	Sat	fine/ dry	-	27.7	14	85	Е
24-Sep-06	Sun	cloudy/ sunny/ rain	0.9	26	20	75	E/SE
25-Sep-06	Mon	cloudy/ sunny	Trace	27.1	19	75	E/SE