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

3rd Bi-Annual Construction Phase EM&A Report April 2007 – September 2007 (Designated Elements)

PREPARED FOR

Leader Civil Engineering Corporation Ltd

Quality Index

Date	Reference No.
10 October 2007	TCS/00310/06/600/R0397

Prepared by	Reviewed by	Certified by	Approved by	Verified by
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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 Third Bi-Annual Construction Phase EM&A Report (April 2007 – September 2007, Report No. B3) reporting the environmental impact monitoring and audit (EM&A) conducted from 01 April 2007 to 30 September 2007. EM&A program implemented in this reporting period (April 2007 – September 2007) covered air quality, noise and waste management.

Breach of Action and Limit (AL) Levels

ES.03 No Action or Limit Level exceeedance was recorded for 24-hour TSP monitoring in this reporting period.

ES.04 There was no breach of Action or Limit level for noise monitoring in this reporting period.

Complaint Log

ES.05 No environmental complaint was received in this reporting period.

Notification of Any Summons and Successful Prosecution

ES.06 There was no environmental summons or prosecution in this reporting period.

Reporting Changes

ES.07 There are no changes to be reported in this reporting period.

Adequacy of EM&A

ES.08 Based on the data collected and reviewed for the period between April 2007 to September 2007 (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 3rd Bi-annual Construction Phase EM&A Report (April 2007 – September 2007, Report No. B3) summarizes the impact monitoring results and audit findings in the reporting period from April 2007 to September 2007.

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 this 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 2007	• Excavation at Kam Tin Pumping Station (P1); • Sheet piling at Sha Po Pumping Station (P2); • Excavation at Nam Sang Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, extract sheet pile at Nam Sang Wai Road (S4); and • Backfilling, concreting, pipe jacking, extract sheet pile at Pok Wai South Road (S5 and S6).
May 2007	• Excavation at Kam Tin Pumping Station (P1); • Bore hole at Sha Po Pumping Station (P2); • Pipe laying at Nam Sang Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, grouting, extract sheet pile at Nam Sang Wai Road (S4); and • Sheet piling, excavation, pipe laying, backfilling, concreting, extract sheet pile at Pok Wai South Road (S5 and S6).
June 2007	• Excavation at Kam Tin Pumping Station (P1); • Bore hole at Sha Po Pumping Station (P2); • Pipe laying at Nam Sang Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, grouting, extract sheet pile at Nam Sang Wai Road (S4); and • Sheet piling, excavation, pipe laying, backfilling, concreting, extract sheet pile at Pok Wai South Road (S5 and S6).
July 2007	• Excavation at Kam Tin Pumping Station (P1); • Excavation at Sha Po Pumping Station (P2); • Excavation, grouting at Nam Sang Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, grouting, extract sheet pile at Nam Sang Wai Road (S4); and • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, grouting, extract sheet pile at Pok Wai South Road (S5 and S6).
August 2007	• Excavation at Kam Tin Pumping Station (P1); • Excavation at Sha Po Pumping Station (P2); • Excavation and grouting at Nam Sang Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, bore hole, grouting & extract sheet pile at Nam Shan Wai Road (S4); and • Excavation, Pipe laying, backfilling, concreting, pipe jacking, grouting and extract sheet pile at Pok Wai South Road (S5 and S6).
September 2007	• Excavation at Kam Tin Pumping Station (P1); • Excavation at Sha Po Pumping Station (P2); • Excavation, backfilling and concreting at Nam Shan Wai Pumping Station (P3); • Sheet piling, excavation, pipe laying, backfilling, concreting, pipe jacking, grouting & extract sheet pile at Nam Shan Wai Road (S4); and • Sheet piling, excavation, pipe laying, backfilling, concreting, grouting and extract sheet pile at Pok Wai South Road (S5 and S6).

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 Sang Wai Pumping Station)	Excavation and shoring installation	• Erect 2.4m high noise barrier hoarding around the works area	A1 & F6
		• Remove dust and spray water at the construction access	A2
		• Cover the stockpiles 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 water at the pavement breaking locations	A7
		• Spray the working area of excavation frequently	A8
S5 (Pok Wai South Road)	Pipe Jacking Grouting for ground treatment	• 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
		• 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 Sang Wai Road)	Grouting for ground treatment	• Handle, store and dispose of chemical wastes as per relevant regulations	D2, D3 & D4
		• 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
		• 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 four designated air (AM1, AM5, AM6 & AM7) and four noise (NM3, NM4, NM6 & NM7) monitoring stations.

Station ID	Nature of Premise	Site Work Description	Station Coordinates
AM1	Site Boundary in NSW	Sheet piling and trench excavation.	835829 N 822910 E
AM5	Site Boundary in FKH		835121 N 823515 E
AM6	Site Boundary in KT		833308 N 823987 E
AM7	Site Boundary in NSW		836171 N 822586 E
NM3	Village House in NSW		835808 N 822817 E
NM4	Village House in NSW		835282 N 822811 E
NM6	Village House in KT		833288 N 823999 E
NM7	Village House in FKH		835121 N 823495 E

2.05 In this reporting period, the impact monitoring was carried out at four designated air and four noise monitoring stations in according to the monitoring schedule.

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-Hour 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 Stations	Action Level ($\mu g/m^3$)		Limit Level ($\mu g/m^3$)	
	1-Hour TSP	24-Hour TSP	1-Hour TSP	24-Hour TSP
AM1	>391	>184	>500	>260
AM5	>353	>237	>500	>260
AM6	>329	>183	>500	>260
AM7	>383	>204	>500	>260

Table 3-3 Action and Limit Levels for Construction Noise

Monitoring Period	Action Level in dB(A)	Limit Level in dB(A)
0700-1900 hrs on normal weekdays	When one or more documented complaints are received	> 75 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.

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	Licenses/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	Piling Permit (CNP No. PP-RN0036-06)	Valid (8 Dec 2006 to 07 Apr 2007)
7	Piling Permit (CNP No. PP-RN0001-07)	Valid (7 Mar 2007 to 06 Dec 2007)
8	Piling Permit (CNP No. PP-RN0004-07)	Valid (7 May 2007 to 06 Feb 2008)
9	Construction Noise Permit (CNP No. GW-RN0591-06)	Valid (8 Dec 2006 to 07 Apr 2007)
10	Construction Noise Permit (CNP No. GW-RN0083-07)	Valid (8 Mar 2007 to 07 Sep 2007)
11	Construction Noise Permit (CNP No. GW-RN0118-07)	Valid (28 Mar 2007 to 27 Sep 2007)
12	Construction Noise Permit (CNP No. GW-RN0183-07)	Valid (03 May 2007 to 02 Nov 2007)
13	Construction Noise Permit (CNP No. GW-RN0355-07)	Valid (24 Aug 2007 to 23 Feb 2008)
14	Construction Noise Permit (CNP No. GW-RN0379-07)	Valid (09 Sep 2007 to 02 Mar 2008)

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 four designated air (AM1, AM5, AM6 & AM7) and four noise (NM3, NM4, NM6 & NM7) monitoring stations/locations. The locations of the designated monitoring stations/locations are shown in **Table 5-1** and geographically in **Annex E**.

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

Air Quality (4 Stations)	
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 (4 Locations)	
NM3	Village House in Nam Sang Wai
NM4	Village House in Nam Sang Wai
NM6	Scattered House near Route 3
NM7	Fung Kat Heung

MONITORING FREQUENCY AND PERIOD

5.03 The impact 24-Hour TSP monitoring was conducted at the designated stations once every 6 days in compliance with the updated EM&A manual. A total of 128 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 124 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**.

5.06 No Action or Limit Level exceeedance of 24-Hout TSP was recorded. All construction noise monitoring were complied with the Limit Level and no noise complaint (Action Level) was received in this reporting period.

WEATHER CONDITIONS DURING THE MONITORING PERIOD

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

OTHER FACTORS INFLUENCING THE MONITORING RESULTS

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

QA/QC RESULTS AND DETECTION LIMITS

5.09 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	36,831	Tuen Mun 38 Fill Bank
C&D Materials (Inert) (tons) – Reused	8,280	DSD Contract DC/2005/02
C&D Materials (Non-Inert) (kg)	0	NENT
Chemical Waste (Litres)	510	License Collector
General Refuse (tons)	66	Refuse Collector

Table 6-2 Cumulative Quantities of Waste for Reuse/Recycling in the Reporting Period

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

6.02 There was no site effluent discharged but an estimated volume of less than $50m^3$ 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-Hour TSP	Work-Related Exceedance (%) for Leq (30mins) Daytime
April 2007	0	0
May 2007	0	0
June 2007	0	0
July 2007	0	0
August 2007	0	0
September 2007	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		
	Frequency	Cumulative	Complaint Nature
April 2007	0	0	NA
May 2007	0	0	NA
June 2007	0	0	NA
July 2007	0	0	NA
August 2007	0	0	NA
September 2007	0	0	NA

RECORD OF NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTION

7.03 There was no notification of summons 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	Environmental Summons and Prosecution Statistics		
	Summons	Prosecution	Nature
April 2007	0	0	NA
May 2007	0	0	NA
June 2007	0	0	NA
July 2007	0	0	NA
August 2007	0	0	NA
September 2007	0	0	NA

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

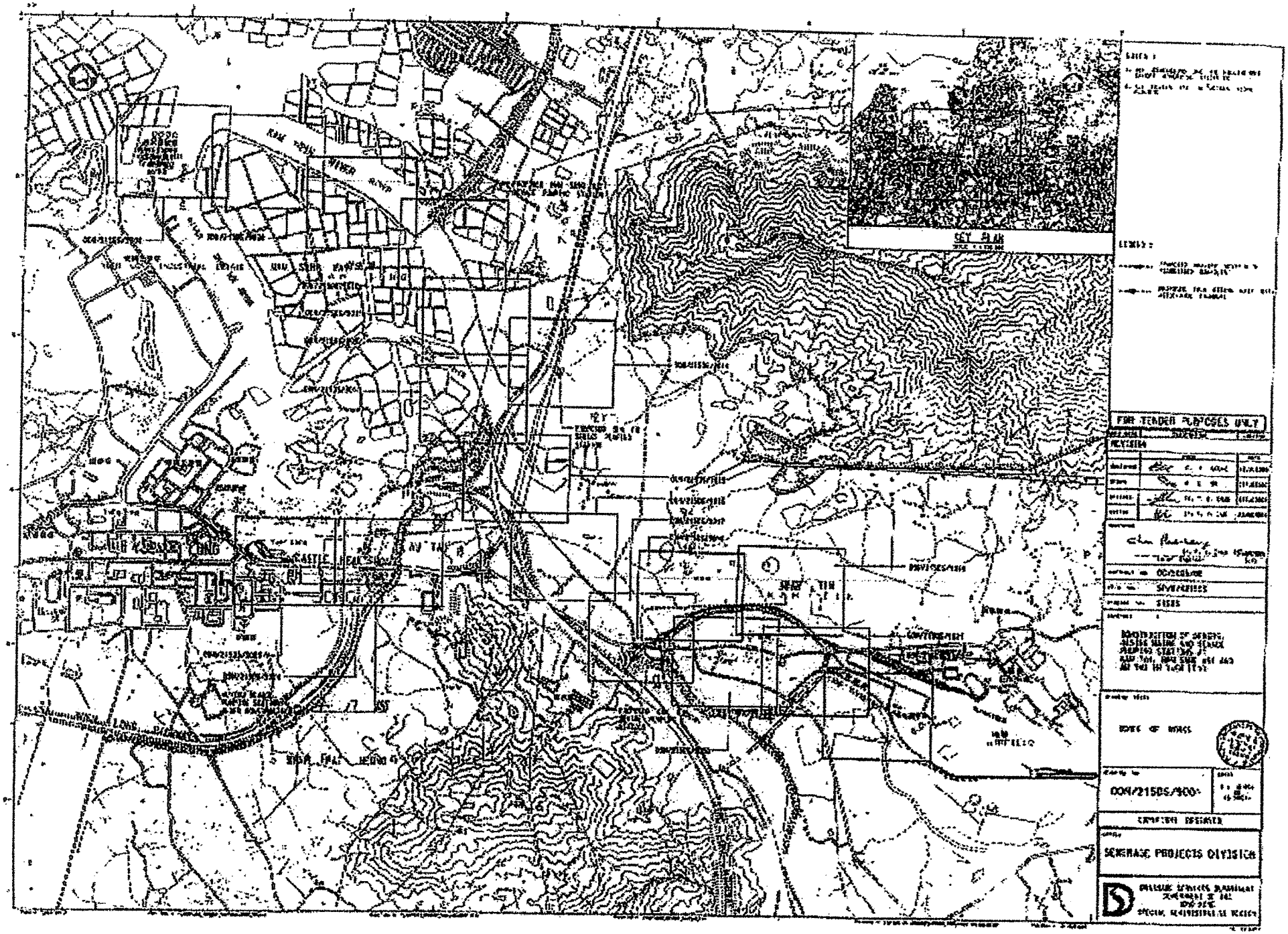
7.05 No NC, complaints or NoS received in the reporting period.

8.0 CONCULSIONS FOR THE PERIOD APRIL 2007 TO SEPTEMBER 2007

8.01 Based on the data collected and reviewed for the period between April 2007 to September 2007 (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

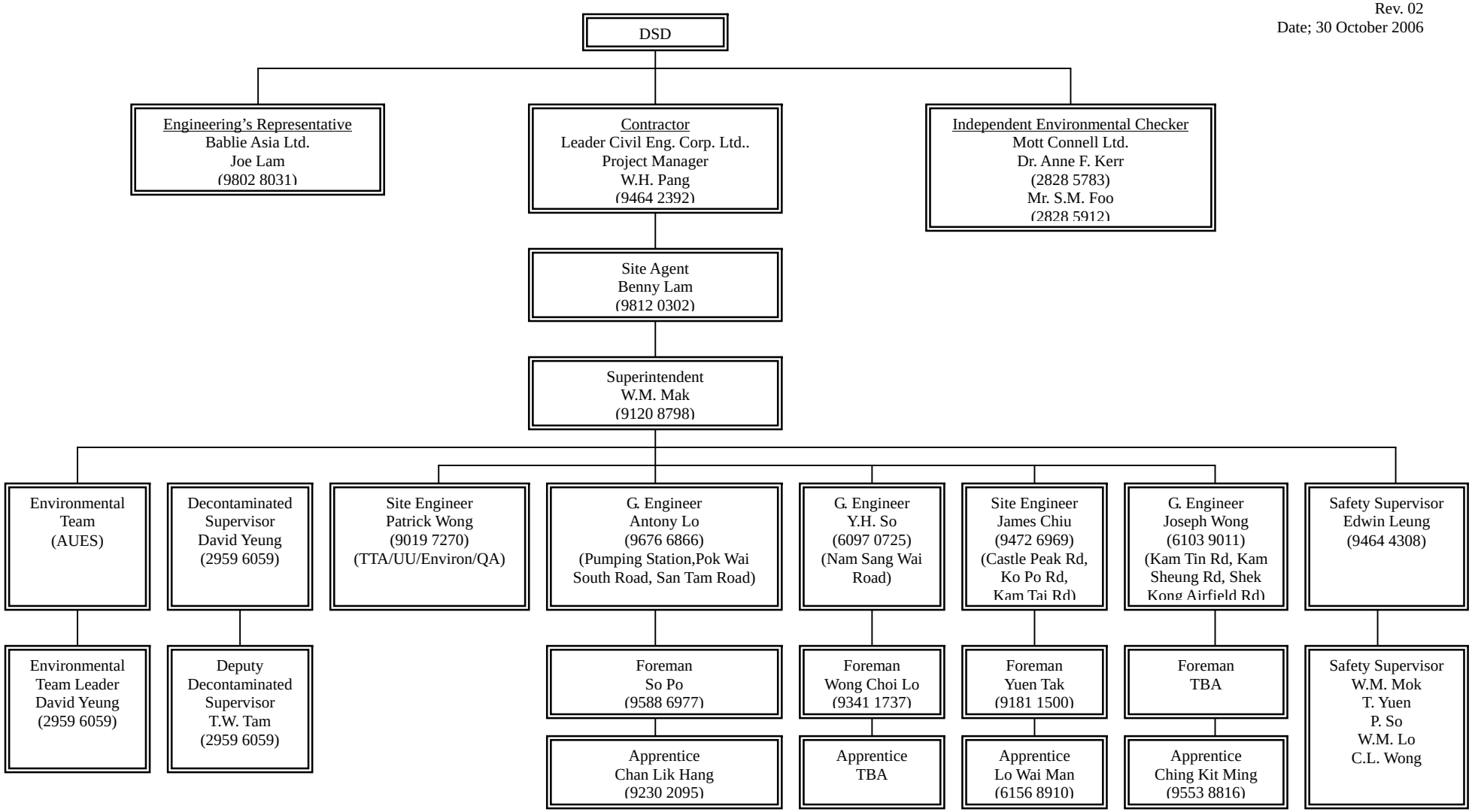

KEY PLAN
FOR TENDER PURPOSES ONLY
SEWERAGE PROJECTS DIVISION

Annex B

Project Organization and Management Structure

DSD Contract No. DC/2005/02
Construction of Sewers, Rising Mains and Sewage Pimping Station at Kam Tin, Nam Sang Wai and Au Tau in Yuen Long
Project Environmental Organization Chart

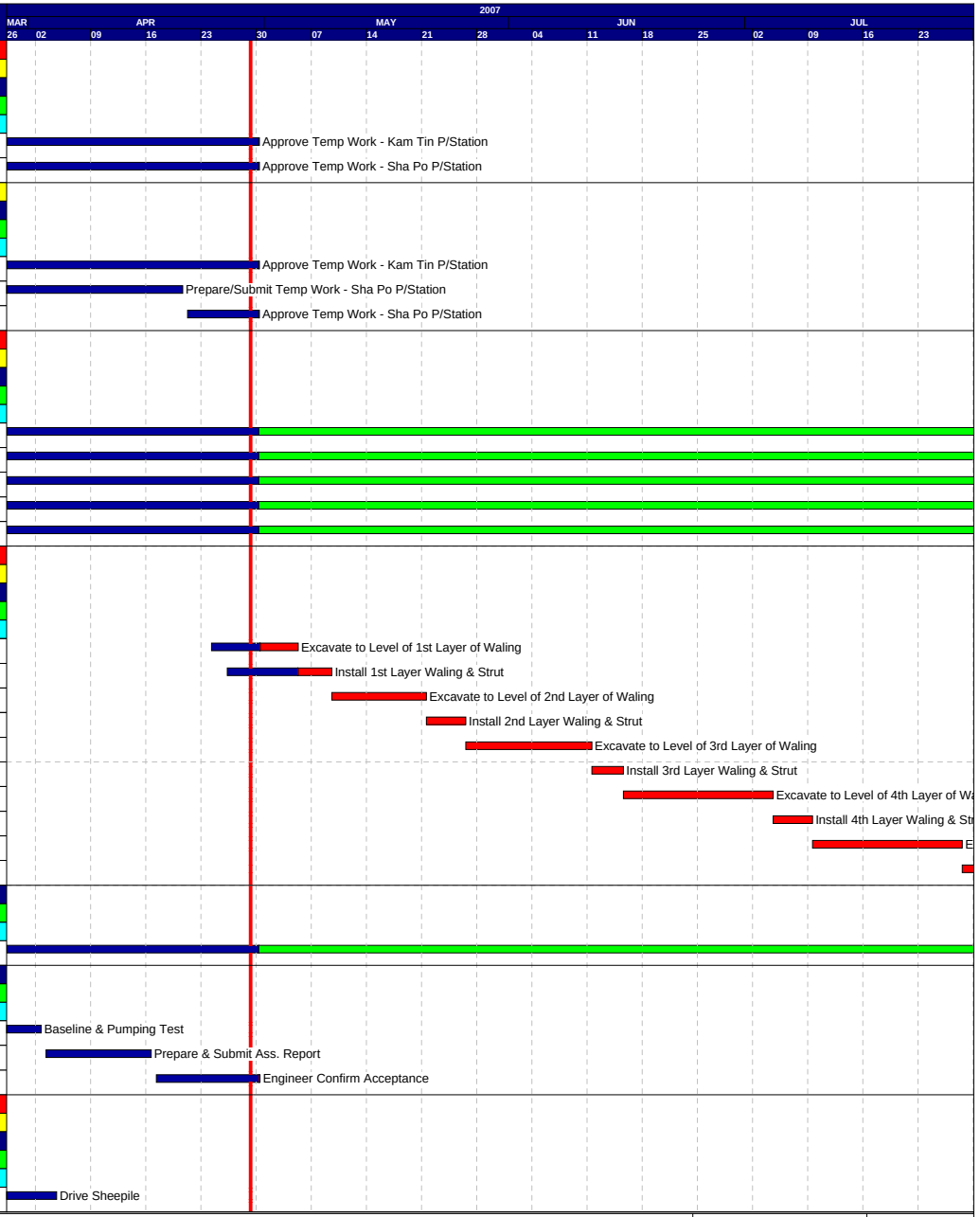
Rev. 02
Date; 30 October 2006



Annex C

Construction Program

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Submission								
Design Submission								
SUN1500	Approve Temp Work - Kam Tin P/Station	6d	-75d	95	10NOV06 A	30APR07	10NOV06 A	24JAN07
SUN1700	Approve Temp Work - Sha Po P/Station	6d	53d	95	11JAN07 A	30APR07	11JAN07 A	04JUL07
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d	-75d	95	10NOV06 A	30APR07	10NOV06 A	24JAN07
SUO1200	Prepare/Submit Temp Work - Sha Po P/Station	30d		100	10NOV06 A	20APR07 A	10NOV06 A	20APR07 A
SUO1300	Approve Temp Work - Sha Po P/Station	6d	53d	95	21APR07 A	30APR07	21APR07 A	04JUL07
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	54d	42	29APR06 A	21NOV08	29APR06 A	29JAN09
PR3100	Deliver Precast Concrete Pipe	800d	70d	44	24APR06 A	03NOV08	24APR06 A	29JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	40d	40	10APR06 A	09DEC08	10APR06 A	29JAN09
PR3400	Structural Monitoring by ISE	835d	34d	42	06APR06 A	16DEC08	06APR06 A	29JAN09
PR3500	Environmental monitoring by ET	814d	72d	45	06APR06 A	01NOV08	06APR06 A	29JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Earthworks								
S1AG1100	Excavate to Level of 1st Layer of Waling	4d	-75d	10	24APR07 A	05MAY07	24APR07 A	29JAN07
S1AG1200	Install 1st Layer Waling & Strut	4d	-75d	10	26APR07 A	09MAY07	26APR07 A	01FEB07
S1AG1300	Excavate to Level of 2nd Layer of Waling	10d	-75d	0	09MAY07	21MAY07	02FEB07	13FEB07
S1AG1400	Install 2nd Layer Waling & Strut	4d	-75d	0	21MAY07	26MAY07	14FEB07	21FEB07
S1AG1500	Excavate to Level of 3rd Layer of Waling	13d	-75d	0	26MAY07	11JUN07	22FEB07	08MAR07
S1AG1600	Install 3rd Layer Waling & Strut	4d	-75d	0	11JUN07	15JUN07	09MAR07	13MAR07
S1AG1700	Excavate to Level of 4th Layer of Waling	14d	-75d	0	15JUN07	04JUL07	14MAR07	29MAR07
S1AG1800	Install 4th Layer Waling & Strut	4d	-75d	0	04JUL07	09JUL07	30MAR07	03APR07
S1AG1900	Excavate to Level of 5th Layer of Waling	17d	-75d	0	09JUL07	28JUL07	04APR07	27APR07
S1AG2000	Install 5th Layer Waling & Strut	4d	-75d	0	28JUL07	02AUG07	28APR07	03MAY07
Geotechnical works								
S1AP1000	Monitoring of Instruments	384d	95d	35	16NOV06 A	03MAR08	16NOV06 A	27JUN08
Additonal Works / Disruption								
Pumping Test at KT P/S (Claim No. 023)								
S1AV1080	Baseline & Pumping Test	15d		100	25FEB07 A	02APR07 A	25FEB07 A	02APR07 A
S1AV1090	Prepare & Submit Ass. Report	12d		100	03APR07 A	16APR07 A	03APR07 A	16APR07 A
S1AV1100	Engineer Confirm Acceptance	6d	-75d	95	17APR07 A	30APR07	17APR07 A	24JAN07
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Earthworks								
S2BG1000	Drive Sheepile	16d		100	26FEB07 A	04APR07 A	26FEB07 A	04APR07 A

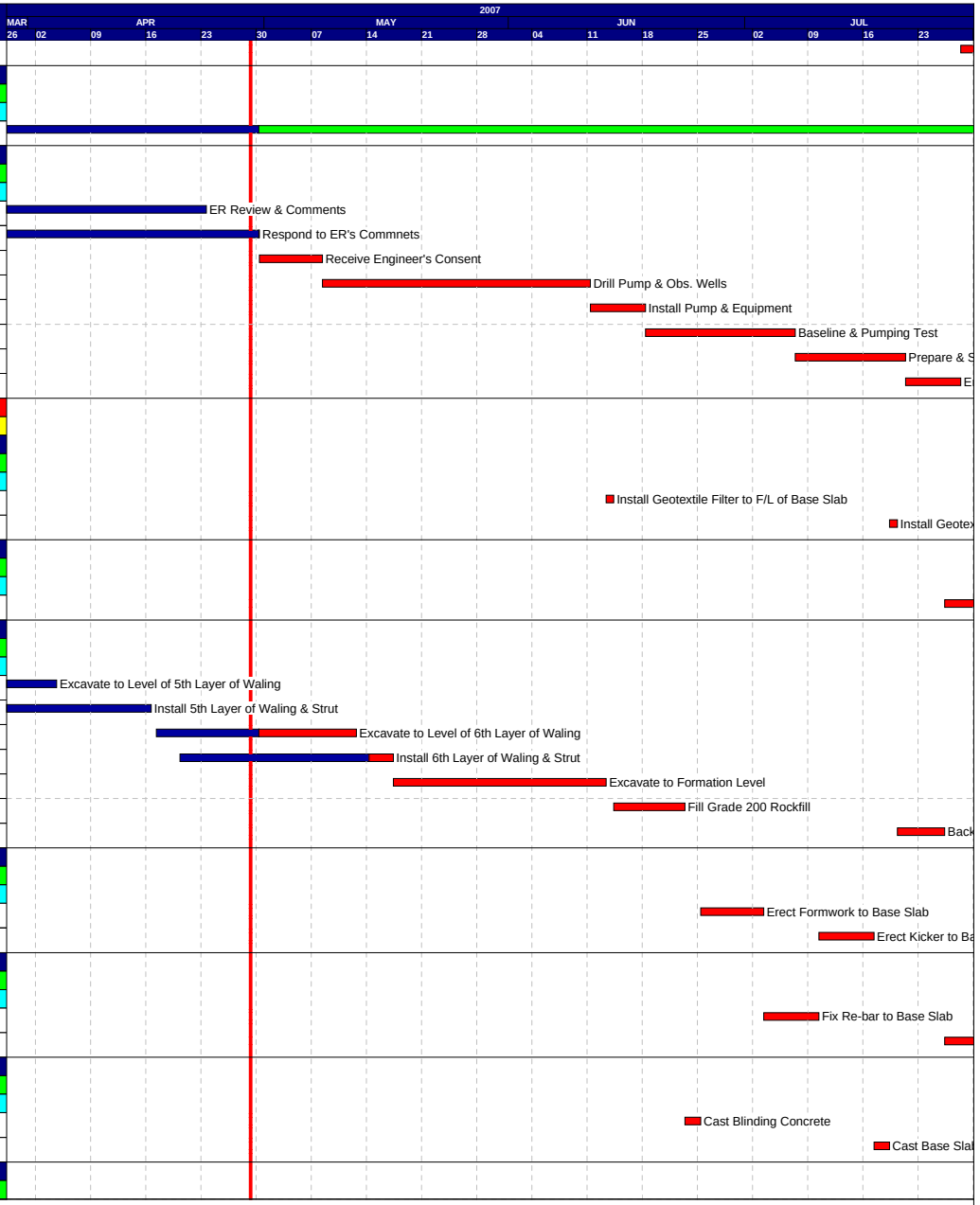


Start date	19DEC05
Finish date	05AUG10
Data date	29APR07
Page number	1A
c Primavera Systems, Inc.	

Leader Civil Engineering Corp. Ltd.
DSD Contract No. DC/2005/02
3-Month Rolling Programme - 3M01 at 29 April 2007

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S2BG1100	Excavate to Level of 1st Layer of Waling	3d	-20d	0	28JUL07	01AUG07	05JUL07	07JUL07
Geotechnical works								
S2BP1000	Monitoring of Instruments	255d	142d	20	26FEB07 A	04JAN08	26FEB07 A	27JUN08
Additonal Works / Disruption								
Pumping Test at SP P/S (Claim No. 022)								
S2BV1030	ER Review & Comments	6d		100	07MAR07 A	23APR07 A	07MAR07 A	23APR07 A
S2BV1040	Respond to ER's Commnets	6d	-20d	95	14MAR07 A	30APR07	14MAR07 A	31MAR07
S2BV1050	Receive Engineer's Consent	6d	-20d	0	30APR07	08MAY07	02APR07	12APR07
S2BV1060	Drill Pump & Obs. Wells	28d	-20d	0	08MAY07	11JUN07	13APR07	16MAY07
S2BV1070	Install Pump & Equipment	6d	-20d	0	11JUN07	18JUN07	17MAY07	23MAY07
S2BV1080	Baseline & Pumping Test	15d	-20d	0	18JUN07	07JUL07	24MAY07	11JUN07
S2BV1090	Prepare & Submit Ass. Report	12d	-20d	0	07JUL07	21JUL07	12JUN07	26JUN07
S2BV1100	Engineer Confirm Acceptance	6d	-20d	0	21JUL07	28JUL07	27JUN07	04JUL07
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-114d	0	13JUN07	14JUN07	20JAN07	20JAN07
S3CEA1750	Install Geotextile Filter up to -9.0mPD	1d	-114d	0	19JUL07	20JUL07	27FEB07	27FEB07
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-104d	0	26JUL07	02AUG07	17MAR07	23MAR07
Earthworks								
S3CG1900	Excavate to Level of 5th Layer of Waling	22d		100	23MAR07 A	04APR07 A	23MAR07 A	04APR07 A
S3CG2000	Install 5th Layer of Waling & Strut	4d		100	27MAR07 A	16APR07 A	27MAR07 A	16APR07 A
S3CG2100	Excavate to Level of 6th Layer of Waling	22d	-114d	50	17APR07 A	12MAY07	17APR07 A	18DEC06
S3CG2200	Install 6th Layer of Waling & Strut	4d	-114d	20	20APR07 A	17MAY07	20APR07 A	21DEC06
S3CG2300	Excavate to Formation Level	22d	-114d	0	17MAY07	13JUN07	22DEC06	19JAN07
S3CG2400	Fill Grade 200 Rockfill	7d	-114d	0	14JUN07	23JUN07	22JAN07	29JAN07
S3CG2450	Backfill to -9.0mPD	5d	-114d	0	20JUL07	26JUL07	28FEB07	05MAR07
Formwork								
S3CJ1000	Erect Formwork to Base Slab	6d	-114d	0	25JUN07	03JUL07	31JAN07	06FEB07
S3CJ1100	Erect Kicker to Base Slab	6d	-114d	0	10JUL07	17JUL07	14FEB07	23FEB07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab	6d	-114d	0	03JUL07	10JUL07	07FEB07	13FEB07
S3CK1100	Fix Re-bar to -6.8mPD	8d	-114d	0	26JUL07	04AUG07	06MAR07	14MAR07
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-114d	0	23JUN07	25JUN07	30JAN07	30JAN07
S3CL1100	Cast Base Slab	2d	-114d	0	17JUL07	19JUL07	24FEB07	26FEB07
Geotechnical works								



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- Early bar
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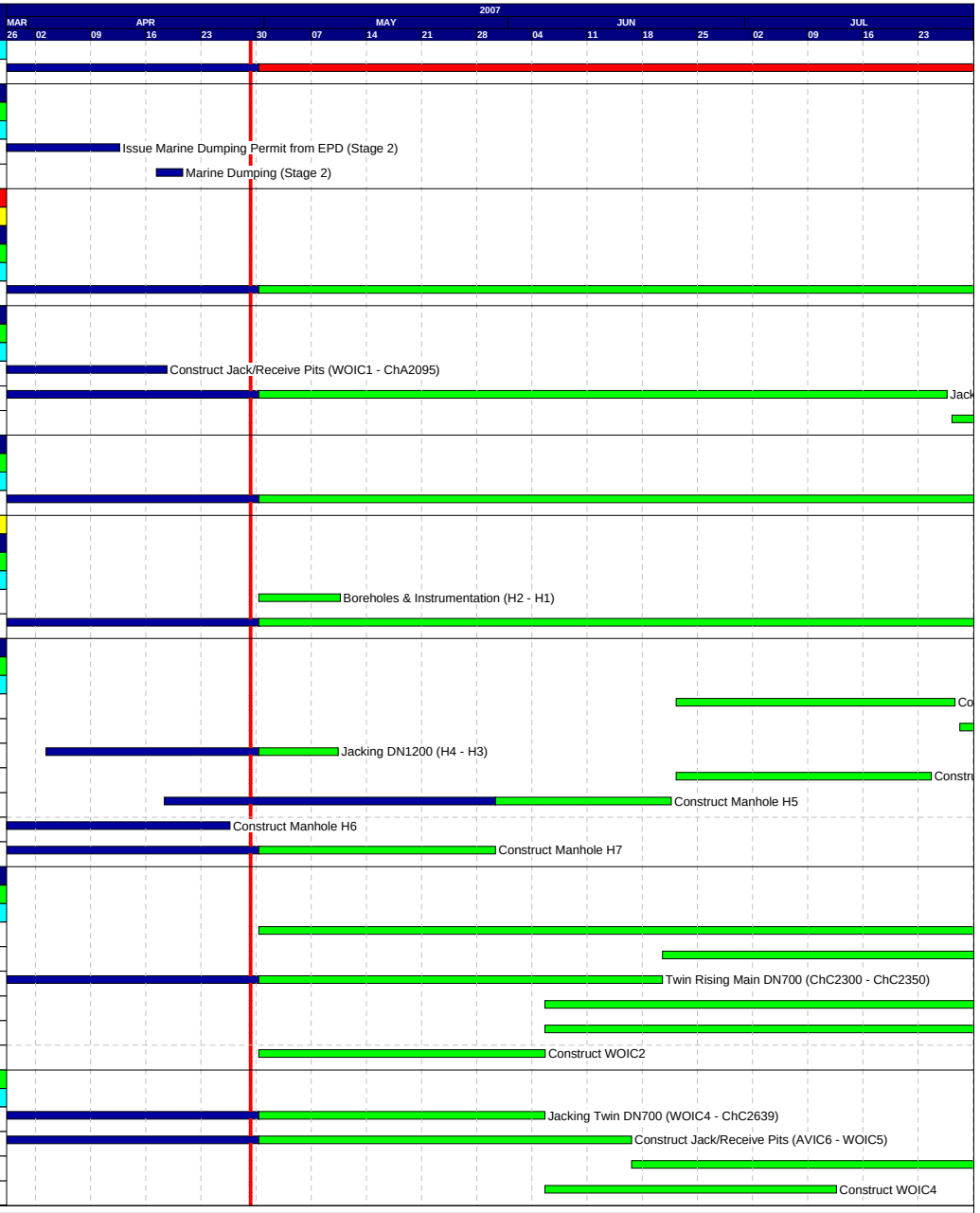
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S3CP1000	Monitoring of Instruments	657d4h	-5d	53	06APR06 A	19MAY08	06APR06 A	12MAY08
Additonal Works / Disruption								
Disposal of Marine Deposit (MD) (Claim No. 021)								
S3CV1380	Issue Marine Dumping Permit from EPD (Stage 2)	5d		100	29MAR07 A	12APR07 A	29MAR07 A	12APR07 A
S3CV1390	Marine Dumping (Stage 2)	5d		100	17APR07 A	20APR07 A	17APR07 A	20APR07 A
Section 4 - Sewers & RM in Portion D, F, G, H, I								
Portion D								
Ground Investigation								
S4DB1300	Install Settlement Markers	589d4h	246d	56	31OCT06 A	14MAR08	31OCT06 A	08JAN09
Pipework - Rising Main								
Trenchless Method								
S4DFB1000	Construct Jack/Receive Pits (WOIC1 - ChA2095)	72d		100	02DEC06 A	18APR07 A	02DEC06 A	18APR07 A
S4DFB1020	Jacking Twin DN900 (WOIC1 - ChA2095)	131d	95d	45	29MAR07 A	26JUL07	29MAR07 A	17NOV07
S4DFB1100	Construct WOIC1	30d	95d	0	27JUL07	30AUG07	19NOV07	22DEC07
Geotechnical works								
S4DP1000	Monitoring of Instruments	603d	57d	25	02NOV06 A	01NOV08	02NOV06 A	08JAN09
Portion F								
Ground Investigation								
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	95d	0	30APR07	10MAY07	23AUG07	01SEP07
S4FB1500	Install Settlement Markers	730d4h	107d	45	27APR06 A	30AUG08	27APR06 A	08JAN09
Drainage and Ducts								
Trenchless Method								
S4FEB1100	Construct Jack Pit (H2)	30d	15d	0	22JUN07	27JUL07	11JUL07	14AUG07
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	15d	0	28JUL07	19SEP07	15AUG07	09OCT07
S4FEB1220	Jacking DN1200 (H4 - H3)	41d	217d	80	03APR07 A	10MAY07	03APR07 A	28JAN08
S4FEB1240	Construct Manhole H4	27d	378d	0	22JUN07	24JUL07	26SEP08	29OCT08
S4FEB1340	Construct Manhole H5	27d	15d	30	18APR07 A	21JUN07	18APR07 A	10JUL07
S4FEB1440	Construct Manhole H6	27d		100	19MAR07 A	26APR07 A	19MAR07 A	26APR07 A
S4FEB1540	Construct Manhole H7	34d4h	15d	30	13MAR07 A	30MAY07	13MAR07 A	16JUN07
Pipework - Rising Main								
Trench Method								
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d	303d	0	30APR07	20SEP07	08MAY08	27SEP08
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	52d	1d	0	20JUN07	21AUG07	22JUN07	22AUG07
S4FFA2000	Twin Rising Main DN700 (ChC2300 - ChC2350)	52d	1d	20	14MAR07 A	20JUN07	14MAR07 A	21JUN07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	24d	0	05JUN07	24SEP07	06JUL07	25OCT07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	235d	0	05JUN07	07AUG07	19MAR08	23MAY08
S4FFA2500	Construct WOIC2	30d	393d	0	30APR07	05JUN07	23AUG08	27SEP08
Trenchless Method								
S4FFB1020	Jacking Twin DN700 (WOIC4 - ChC2639)	149d4h	17d	80	25NOV06 A	05JUN07	25NOV06 A	26JUN07
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d	7d	30	08JAN07 A	16JUN07	08JAN07 A	26JUN07
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	109d	7d	0	16JUN07	27OCT07	27JUN07	05NOV07
S4FFB1200	Construct WOIC4	30d	87d	0	05JUN07	12JUL07	18SEP07	25OCT07



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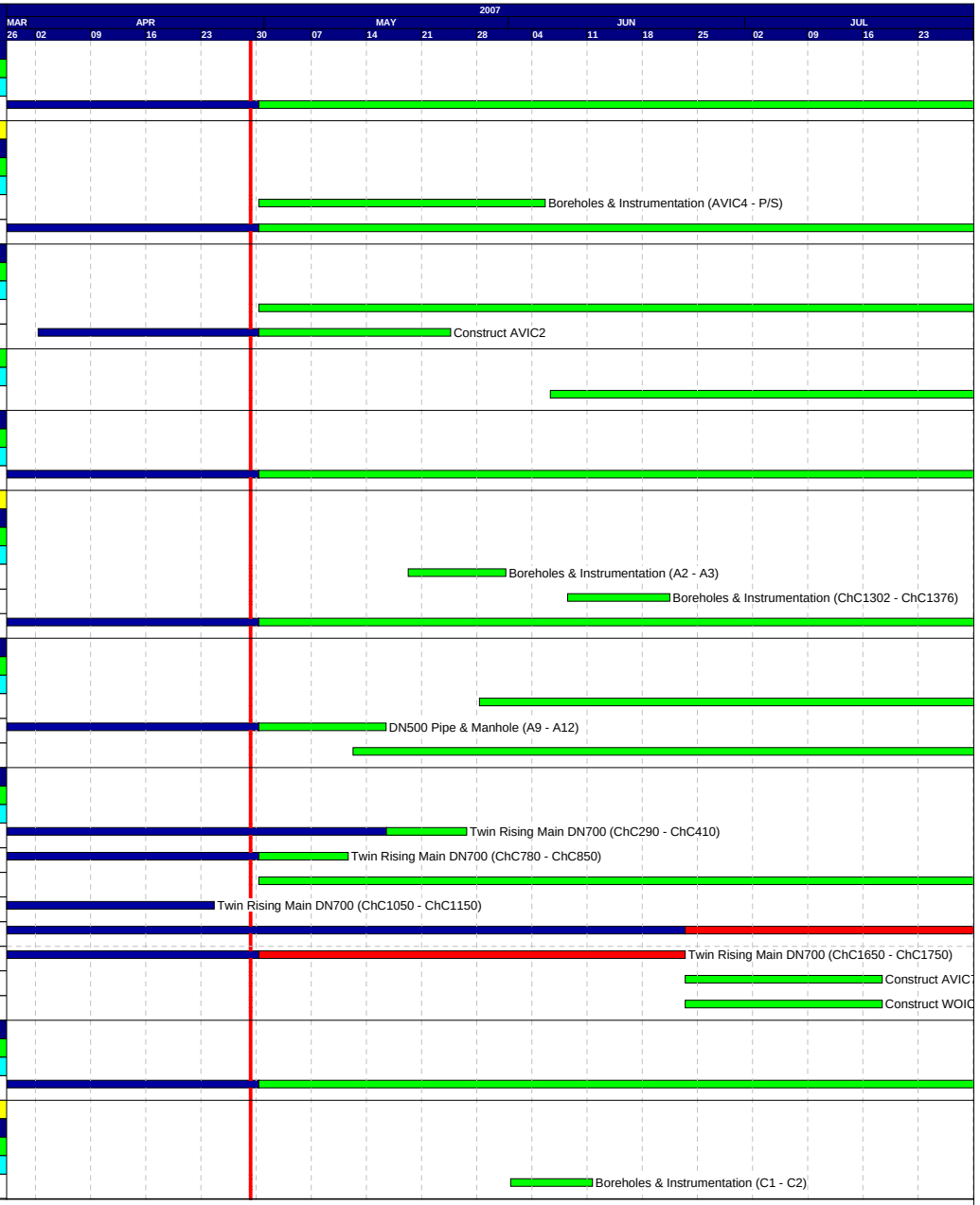
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Geotechnical works								
S4FP1000	Monitoring of Instruments	748d	37d	37	05JUN06 A	25NOV08	05JUN06 A	08JAN09
Portion G								
Ground Investigation								
S4GB1020	Boreholes & Instrumentation (AVIC4 - P/S)	30d	83d	0	30APR07	05JUN07	09AUG07	12SEP07
S4GB1500	Install Settlement Markers	748d4h	89d	44	21APR06 A	22SEP08	21APR06 A	08JAN09
Pipework - Rising Main								
Trench Method								
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	372d	0	30APR07	09AUG07	30JUL08	07NOV08
S4GFA1600	Construct AVIC2	30d	465d	30	02APR07 A	24MAY07	02APR07 A	12DEC08
Trenchless Method								
S4GFB1000	Construct Jack/Receive PIts (AVIC4 - P/S)	57d	83d	0	06JUN07	13AUG07	13SEP07	21NOV07
Geotechnical works								
S4GP1000	Monitoring of Instruments	749d	61d	41	22APR06 A	27OCT08	22APR06 A	08JAN09
Portion H								
Ground Investigation								
S4HB1020	Boreholes & Instrumentation (A2 - A3)	10d	191d	0	19MAY07	31MAY07	08JAN08	18JAN08
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	149d	0	08JUN07	21JUN07	05DEC07	15DEC07
S4HB1300	Install Settlement Markers	727d4h	111d	46	26MAY06 A	27AUG08	26MAY06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	45d	0	28MAY07	22SEP07	21JUL07	17NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d	45d	85	03JUL06 A	16MAY07	03JUL06 A	11JUL07
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	63d	0	12MAY07	08AUG07	27JUL07	24OCT07
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d	45d	81	03JUL06 A	26MAY07	03JUL06 A	20JUL07
S4HFA1700	Twin Rising Main DN700 (ChC780 - ChC850)	50d	63d	80	09JAN07 A	11MAY07	09JAN07 A	27JUL07
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	65d	0	30APR07	13AUG07	18JUL07	31OCT07
S4HFA2000	Twin Rising Main DN700 (ChC1050 - ChC1150)	94d		100	04JAN07 A	24APR07 A	04JAN07 A	24APR07 A
S4HFA2500	Twin Rising Main DN700 (ChC1550 - ChC1650)	223d	-24d	9	16DEC06 A	27FEB08	16DEC06 A	25JAN08
S4HFA2600	Twin Rising Main DN700 (ChC1650 - ChC1750)	134d4h	-24d	67	19JUN06 A	23JUN07	19JUN06 A	24MAY07
S4HFA3300	Construct AVIC7	20d	159d	0	23JUN07	18JUL07	03JAN08	25JAN08
S4HFA3400	Construct WOIC6	20d	159d	0	23JUN07	18JUL07	03JAN08	25JAN08
Geotechnical works								
S4HP1000	Monitoring of Instruments	749d	34d	37	26MAY06 A	28NOV08	26MAY06 A	08JAN09
Portion I								
Ground Investigation								
S4IB1020	Boreholes & Instrumentation (C1 - C2)	9d	332d	0	01JUN07	11JUN07	14JUL08	23JUL08



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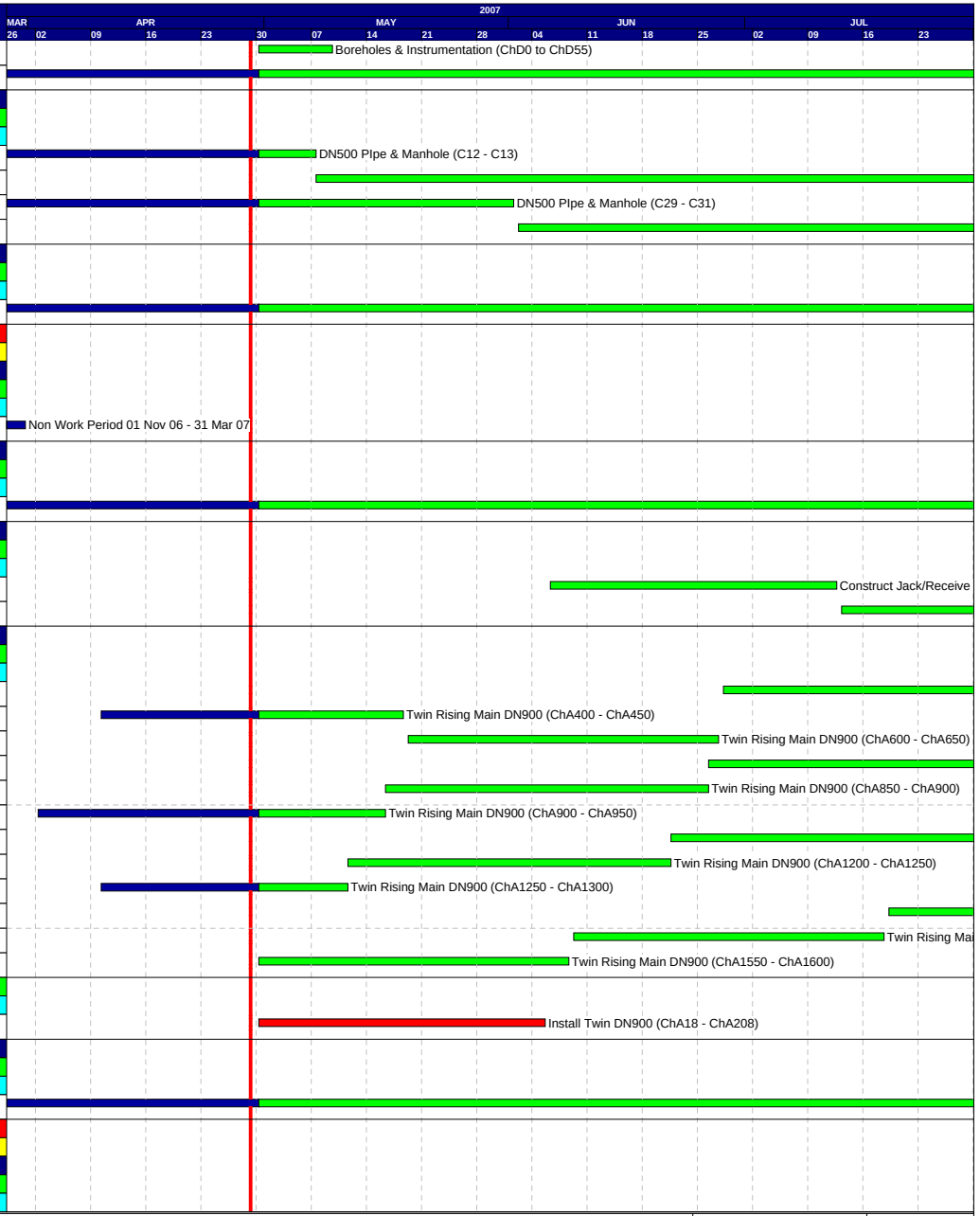
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	300d	0	30APR07	09MAY07	05MAY08	13MAY08
S4IB1300	Install Settlement Markers	736d4h	102d	45	26JUN06 A	06SEP08	26JUN06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4IEA1400	DN500 PIpe & Manhole (C12 - C13)	58d	21d	90	05DEC06 A	07MAY07	05DEC06 A	01JUN07
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	21d	0	07MAY07	13AUG07	02JUN07	06SEP07
S4IEA2300	DN500 PIpe & Manhole (C29 - C31)	54d	13d	50	08MAR07 A	01JUN07	08MAR07 A	16JUN07
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	13d	0	02JUN07	04AUG07	18JUN07	20AUG07
Geotechnical works								
S4IP1000	Monitoring of Instruments	726d	39d	36	28JUN06 A	22NOV08	28JUN06 A	08JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Preliminaries								
S5EA1100	Non Work Period 01 Nov 06 - 31 Mar 07	125d		100	01NOV06 A	31MAR07 A	01NOV06 A	31MAR07 A
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d	38d	17	29MAR07 A	14SEP07	29MAR07 A	31OCT07 *
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	165d	0	06JUN07 *	12JUL07	21DEC07	28JAN08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	165d	0	13JUL07	03NOV07	29JAN08	27MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	33d	5d	0	28JUN07	06AUG07	05JUL07	11AUG07
S5EFA1400	Twin Rising Main DN900 (ChA400 - ChA450)	32d	5d	50	10APR07 A	18MAY07	10APR07 A	24MAY07
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	32d	5d	0	19MAY07	27JUN07	26MAY07	04JUL07
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	33d	7d	0	26JUN07	04AUG07	05JUL07	11AUG07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	33d	7d	0	16MAY07	26JUN07	24MAY07	04JUL07
S5EFA2400	Twin Rising Main DN900 (ChA900 - ChA950)	33d	7d	60	02APR07 A	16MAY07	02APR07 A	23MAY07
S5EFA2900	Twin Rising Main DN900 (ChA1150 - ChA1200)	32d	44d	0	21JUN07	30JUL07	14AUG07	19SEP07
S5EFA3000	Twin Rising Main DN900 (ChA1200 - ChA1250)	33d	44d	0	11MAY07	21JUN07	06JUL07	13AUG07
S5EFA3100	Twin Rising Main DN900 (ChA1250 - ChA1300)	33d	44d	70	10APR07 A	11MAY07	10APR07 A	05JUL07
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	33d	21d	0	19JUL07	25AUG07	13AUG07	19SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	32d	21d	0	09JUN07	18JUL07	06JUL07	11AUG07
S5EFA3700	Twin Rising Main DN900 (ChA1550 - ChA1600)	33d	21d	0	30APR07 *	08JUN07	26MAY07	05JUL07
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-63d	0	30APR07	05JUN07	07FEB07	16MAR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	42d	43	01AUG06 A	10MAY08	01AUG06 A	30JUN08
Section 6 - Sewers in Portion J								
Portion J								
Ground Investigation								



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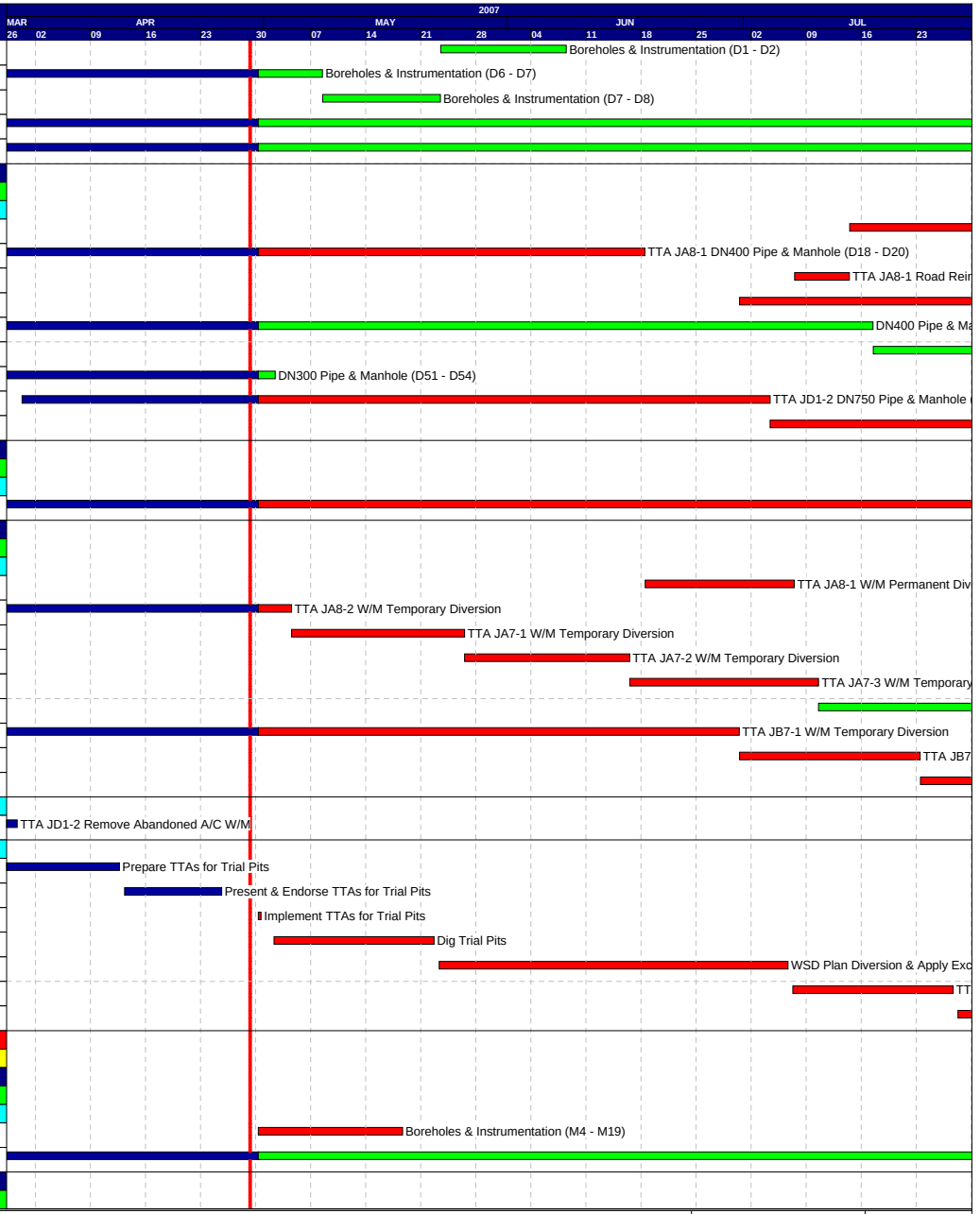
S6JB1020	Boreholes & Instrumentation (D1 - D2)	13d	149d	0	23MAY07	08JUN07	20NOV07	04DEC07
S6JB1040	Boreholes & Instrumentation (D6 - D7)	13d	122d	50	13JUN06 A	08MAY07	13JUN06 A	02OCT07
S6JB1060	Boreholes & Instrumentation (D7 - D8)	13d	138d	0	08MAY07	23MAY07	23OCT07	06NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	58d	40	20APR06 A	11NOV08	20APR06 A	20JAN09
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	144d	38	07JUL06 A	31JUL08	07JUL06 A	20JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-266d	0	14JUL07	12OCT07	19AUG06	17NOV06
S6JEA1820	TTA JA8-1 DN400 Pipe & Manhole (D18 - D20)	81d	-266d	50	29JAN07 A	18JUN07	29JAN07 A	25JUL06
S6JEA1830	TTA JA8-1 Road Reinstatement	6d	-266d	0	07JUL07	14JUL07	12AUG06	18AUG06
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-464d	0	30JUN07	15OCT07	03DEC05	21MAR06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	83d	27	28MAR07 A	17JUL07	28MAR07 A	25OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	83d	0	17JUL07	03OCT07	25OCT07	12JAN08
S6JEA3600	DN300 Pipe & Manhole (D51 - D54)	30d	480d	95	02JAN07 A	02MAY07	02JAN07 A	06DEC08
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-408d	5	31MAR07 A	04JUL07	31MAR07 A	13FEB06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-408d	0	04JUL07	29SEP07	14FEB06	17MAY06
Geotechnical works								
S6JP1000	Monitoring of Instruments	1220d	-388d	26	21APR06 A	08MAY10	21APR06 A	20JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1260	TTA JA8-1 W/M Permanent Diversion	15d	-266d	0	18JUN07	07JUL07	26JUL06	11AUG06
S6JV1270	TTA JA8-2 W/M Temporary Diversion	18d	-208d	80	21MAR07 A	04MAY07	21MAR07 A	18AUG06
S6JV1290	TTA JA7-1 W/M Temporary Diversion	18d	-124d	0	04MAY07	26MAY07	29NOV06	19DEC06
S6JV1310	TTA JA7-2 W/M Temporary Diversion	18d	-66d	0	26MAY07	16JUN07	05MAR07	24MAR07
S6JV1330	TTA JA7-3 W/M Temporary Diversion	18d	-23d	0	16JUN07	10JUL07	21MAY07	11JUN07
S6JV1350	TTA JA6 W/M Temporary Diversion	18d	26d	0	10JUL07	31JUL07	10AUG07	30AUG07
S6JV1450	TTA JB7-1 W/M Temporary Diversion	103d	-464d	51	20MAR07 A	30JUN07	20MAR07 A	02DEC05
S6JV1470	TTA JB7-2 W/M Temporary Diversion	18d	-373d	0	30JUN07	23JUL07	25MAR06	19APR06
S6JV1490	TTA JB6-1 W/M Temporary Diversion	18d	-294d	0	23JUL07	13AUG07	26JUL06	15AUG06
Kam Sheung Rd Utilities Obs. (Claim No. 027)								
S6JV2230	TTA JD1-2 Remove Abandoned A/C W/M	5d		100	24MAR07 A	30MAR07 A	24MAR07 A	30MAR07 A
Kam Sheung Road A/C Watermain (Claim No. 018)								
S6JV2410	Prepare TTAs for Trial Pits	18d		100	10MAR07 A	12APR07 A	10MAR07 A	12APR07 A
S6JV2420	Present & Endorse TTAs for Trial Pits	18d		100	13APR07 A	25APR07 A	13APR07 A	25APR07 A
S6JV2430	Implement TTAs for Trial Pits	1d	-171d	0	30APR07	30APR07	27SEP06	27SEP06
S6JV2440	Dig Trial Pits	18d	-171d	0	02MAY07	22MAY07	28SEP06	20OCT06
S6JV2450	WSD Plan Diversion & Apply Excavation Permit	36d	-171d	0	23MAY07	06JUL07	21OCT06	02DEC06
S6JV2460	TTA JD5-1 W/M Temporary Diversion	18d	-171d	0	07JUL07	27JUL07	04DEC06	23DEC06
S6JV2480	TTA JD5-2 W/M Temporary Diversion	18d	-106d	0	28JUL07	17AUG07	17MAR07	11APR07
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1020	Boreholes & Instrumentation (M4 - M19)	16d	-129d	0	30APR07	18MAY07	18NOV06	06DEC06
S7KB1500	Install Settlement Markers	423d4h	53d	74	08MAY06 A	07SEP07	08MAY06 A	10NOV07
Drainage and Ducts								
Trench Method								



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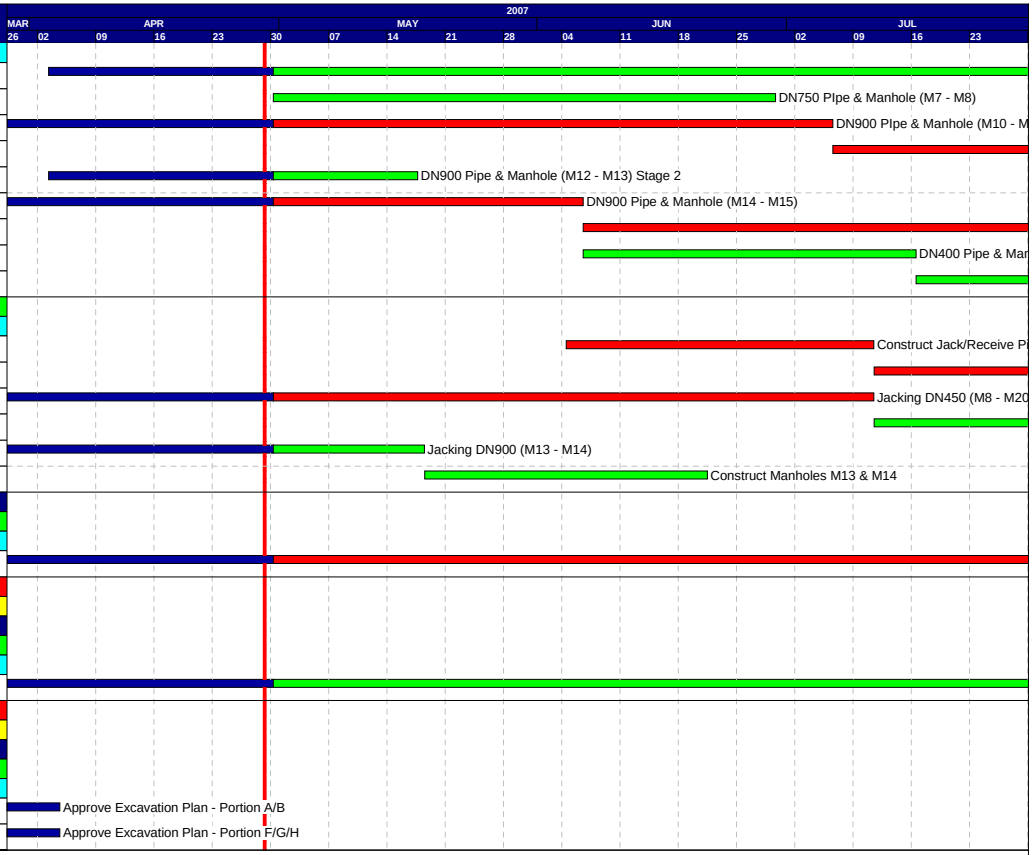
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	36d	5	03APR07 A	20SEP07	03APR07 A	05NOV07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	55d	0	30APR07	29JUN07	07JUL07	03SEP07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-4d	5	23JAN07 A	06JUL07	23JAN07 A	30JUN07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-4d	0	06JUL07	07SEP07	03JUL07	03SEP07
S7KEA1710	DN900 Pipe & Manhole (M12 - M13) Stage 2	30d	144d	50	03APR07 A	17MAY07	03APR07 A	08NOV07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-14d	40	27DEC06 A	06JUN07	27DEC06 A	19MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-14d	0	06JUN07	25SEP07	21MAY07	08SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	21d	0	06JUN07	16JUL07	04JUL07	09AUG07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	21d	0	16JUL07	13AUG07	10AUG07	06SEP07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-142d	0	04JUN07	11JUL07	07DEC06	13JAN07
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-142d	0	11JUL07	05OCT07	15JAN07	16APR07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-142d	40	18NOV06 A	11JUL07	18NOV06 A	13JAN07
S7KEB1140	Construct Manholes M8 & M20	27d	74d	0	11JUL07	11AUG07	08OCT07	08NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	117d	68	02DEC06 A	18MAY07	02DEC06 A	06OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	117d	0	18MAY07	21JUN07	08OCT07	08NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	561d	-114d	51	24MAY06 A	02APR08	24MAY06 A	10NOV07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	885d	0	42	29JUL06 A	20JAN09	29JUL06 A	20JAN09
Decontamination Works								
General Submission								
S9L1300	Approve Excavation Plan - Portion A/B	12d		100	28NOV06 A	04APR07 A	28NOV06 A	04APR07 A
S9L1700	Approve Excavation Plan - Portion F/G/H	12d		100	08AUG06 A	04APR07 A	08AUG06 A	04APR07 A



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c Primavera Systems, Inc.

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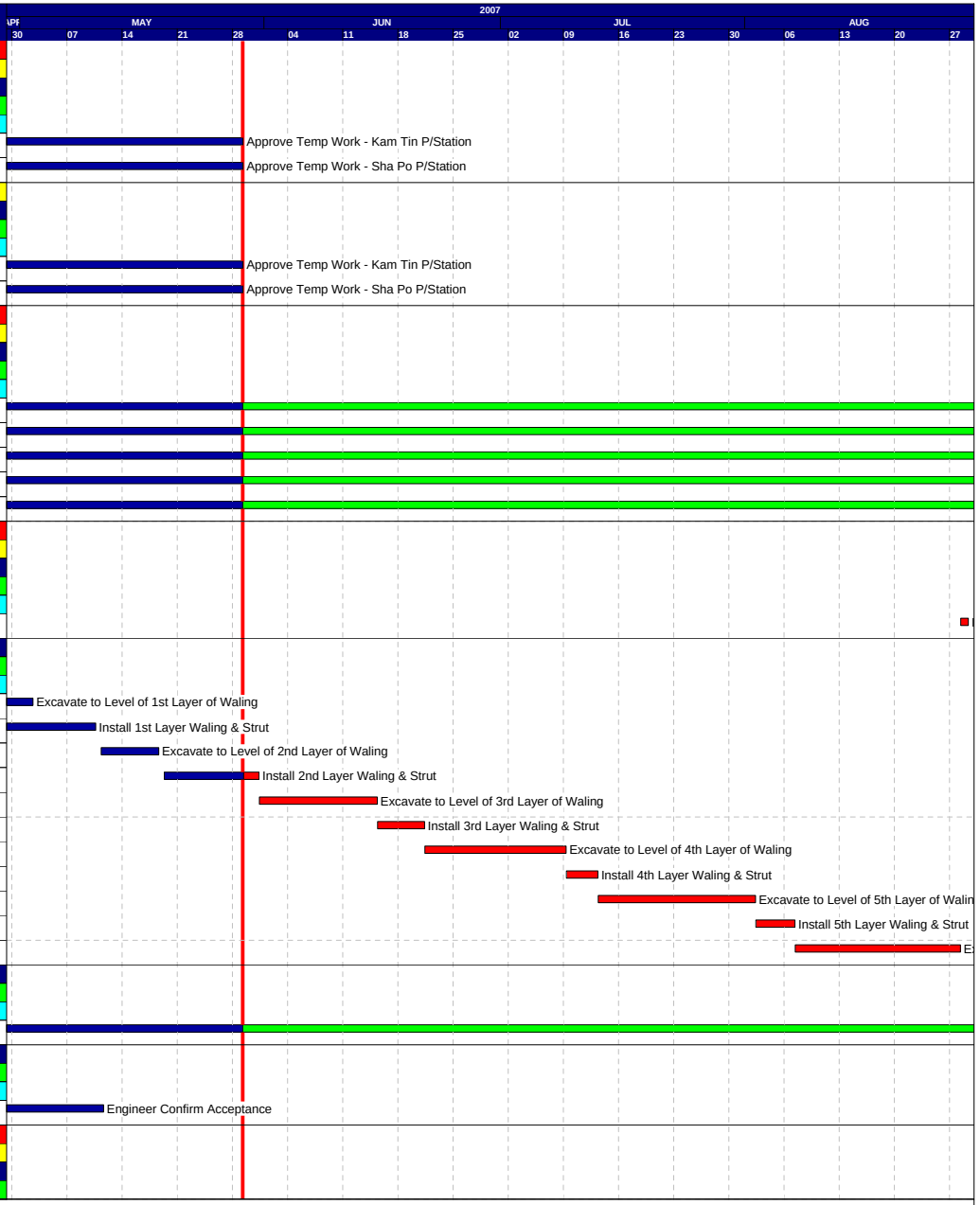
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Submission								
Design Submission								
SUN1500	Approve Temp Work - Kam Tin P/Station	6d	-78d	95	10NOV06 A	29MAY07	10NOV06 A	15FEB07
SUN1700	Approve Temp Work - Sha Po P/Station	6d	30d	95	11JAN07 A	29MAY07	11JAN07 A	04JUL07
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d	-78d	95	10NOV06 A	29MAY07	10NOV06 A	15FEB07
SUO1300	Approve Temp Work - Sha Po P/Station	6d	30d	95	21APR07 A	29MAY07	21APR07 A	04JUL07
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	54d	44	29APR06 A	21NOV08	29APR06 A	29JAN09
PR3100	Deliver Precast Concrete Pipe	800d	69d	46	24APR06 A	04NOV08	24APR06 A	29JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	40d	43	10APR06 A	09DEC08	10APR06 A	29JAN09
PR3400	44.2	835d	32d	44	06APR06 A	17DEC08	06APR06 A	29JAN09
PR3500	Environmental monitoring by ET	814d	72d	48	06APR06 A	01NOV08	06APR06 A	29JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Drainage and Ducts								
Trench Method								
S1AEA1600	Install Geotextile Filter to F/L of Base Slab	1d	-78d	0	28AUG07	29AUG07	26MAY07	26MAY07
Earthworks								
S1AG1100	Excavate to Level of 1st Layer of Waling	4d		100	24APR07 A	02MAY07 A	24APR07 A	02MAY07 A
S1AG1200	Install 1st Layer Waling & Strut	4d		100	26APR07 A	10MAY07 A	26APR07 A	10MAY07 A
S1AG1300	Excavate to Level of 2nd Layer of Waling	10d		100	11MAY07 A	18MAY07 A	11MAY07 A	18MAY07 A
S1AG1400	Install 2nd Layer Waling & Strut	4d	-78d	50	19MAY07 A	31MAY07	19MAY07 A	21FEB07
S1AG1500	Excavate to Level of 3rd Layer of Waling	13d	-78d	0	31MAY07	15JUN07	22FEB07	08MAR07
S1AG1600	Install 3rd Layer Waling & Strut	4d	-78d	0	15JUN07	21JUN07	09MAR07	13MAR07
S1AG1700	Excavate to Level of 4th Layer of Waling	14d	-78d	0	21JUN07	09JUL07	14MAR07	29MAR07
S1AG1800	Install 4th Layer Waling & Strut	4d	-78d	0	09JUL07	13JUL07	30MAR07	03APR07
S1AG1900	Excavate to Level of 5th Layer of Waling	17d	-78d	0	13JUL07	02AUG07	04APR07	27APR07
S1AG2000	Install 5th Layer Waling & Strut	4d	-78d	0	02AUG07	07AUG07	28APR07	03MAY07
S1AG2100	Excavate to Formation Level	18d	-78d	0	07AUG07	28AUG07	04MAY07	24MAY07
Geotechnical works								
S1AP1000	Monitoring of Instruments	384d	95d	41	16NOV06 A	03MAR08	16NOV06 A	27JUN08
Additonal Works / Disruption								
Pumping Test at KT P/S (Claim No. 023)								
S1AV1100	Engineer Confirm Acceptance	6d		100	17APR07 A	11MAY07 A	17APR07 A	11MAY07 A
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Earthworks								



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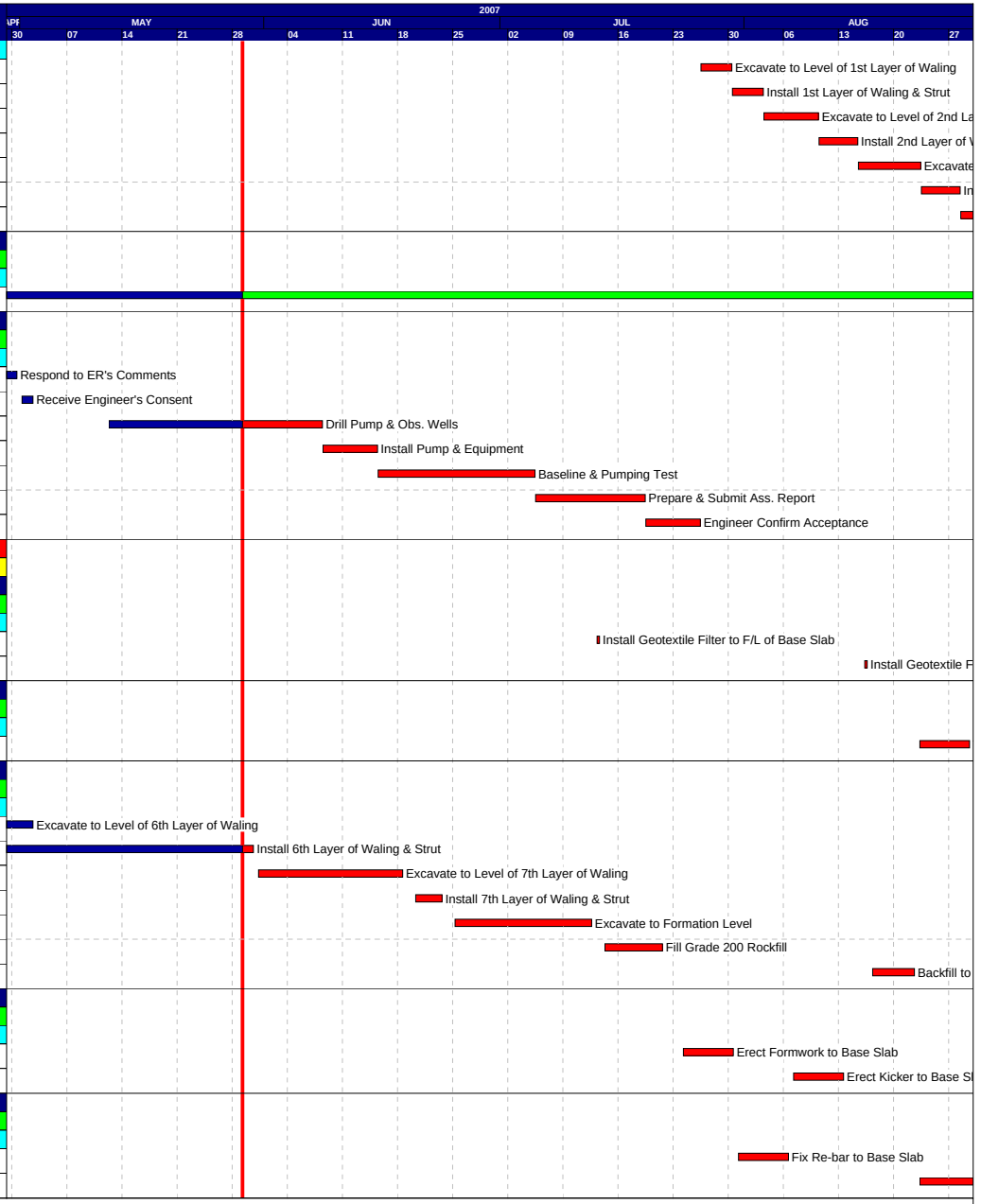
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S2BG1100	Excavate to Level of 1st Layer of Waling	3d	-19d	0	26JUL07	30JUL07	05JUL07	07JUL07
S2BG1200	Install 1st Layer of Waling & Strut	4d	-19d	0	30JUL07	03AUG07	09JUL07	12JUL07
S2BG1300	Excavate to Level of 2nd Layer of Waling	6d	-19d	0	03AUG07	10AUG07	13JUL07	19JUL07
S2BG1400	Install 2nd Layer of Waling & Strut	4d	-19d	0	10AUG07	15AUG07	20JUL07	24JUL07
S2BG1500	Excavate to Level of 3rd layer of Waling	7d	-19d	0	15AUG07	23AUG07	25JUL07	01AUG07
S2BG1600	Install 3rd Layer of Waling & Strut	4d	-19d	0	23AUG07	28AUG07	02AUG07	06AUG07
S2BG1700	Excavate to Formation Level	9d	-19d	0	28AUG07	07SEP07	07AUG07	16AUG07
Geotechnical works								
S2BP1000	Monitoring of Instruments	255d	142d	29	26FEB07 A	04JAN08	26FEB07 A	27JUN08
Additonal Works / Disruption								
Pumping Test at SP P/S (Claim No. 022)								
S2BV1040	Respond to ER's Comments	6d		100	14MAR07 A	30APR07 A	14MAR07 A	30APR07 A
S2BV1050	Receive Engineer's Consent	6d		100	01MAY07 A	02MAY07 A	01MAY07 A	02MAY07 A
S2BV1060	Drill Pump & Obs. Wells	28d	-19d	66	12MAY07 A	08JUN07	12MAY07 A	16MAY07
S2BV1070	Install Pump & Equipment	6d	-19d	0	08JUN07	15JUN07	17MAY07	23MAY07
S2BV1080	Baseline & Pumping Test	15d	-19d	0	15JUN07	05JUL07	24MAY07	11JUN07
S2BV1090	Prepare & Submit Ass. Report	12d	-19d	0	05JUL07	19JUL07	12JUN07	26JUN07
S2BV1100	Engineer Confirm Acceptance	6d	-19d	0	19JUL07	26JUL07	27JUN07	04JUL07
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-138d	0	13JUL07	13JUL07	20JAN07	20JAN07
S3CEA1750	Install Geotextile Filter up to -9.0mPD	1d	-138d	0	16AUG07	16AUG07	27FEB07	27FEB07
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-128d	0	23AUG07	29AUG07	17MAR07	23MAR07
Earthworks								
S3CG2100	Excavate to Level of 6th Layer of Waling	22d		100	17APR07 A	02MAY07 A	17APR07 A	02MAY07 A
S3CG2200	Install 6th Layer of Waling & Strut	4d	-138d	50	20APR07 A	30MAY07	20APR07 A	06DEC06
S3CG2210	Excavate to Level of 7th Layer of Waling	16d	-138d	0	31MAY07	18JUN07	07DEC06	27DEC06
S3CG2220	Install 7th Layer of Waling & Strut	4d	-138d	0	20JUN07	23JUN07	28DEC06	02JAN07
S3CG2300	Excavate to Formation Level	15d	-138d	0	25JUN07	12JUL07	03JAN07	19JAN07
S3CG2400	Fill Grade 200 Rockfill	7d	-138d	0	14JUL07	21JUL07	22JAN07	29JAN07
S3CG2450	Backfill to -9.0mPD	5d	-138d	0	17AUG07	22AUG07	28FEB07	05MAR07
Formwork								
S3CJ1000	Erect Formwork to Base Slab	6d	-138d	0	24JUL07	30JUL07	31JAN07	06FEB07
S3CJ1100	Erect Kicker to Base Slab	6d	-138d	0	07AUG07	13AUG07	14FEB07	23FEB07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab	6d	-138d	0	31JUL07	06AUG07	07FEB07	13FEB07
S3CK1100	Fix Re-bar to -6.8mPD	8d	-138d	0	23AUG07	31AUG07	06MAR07	14MAR07



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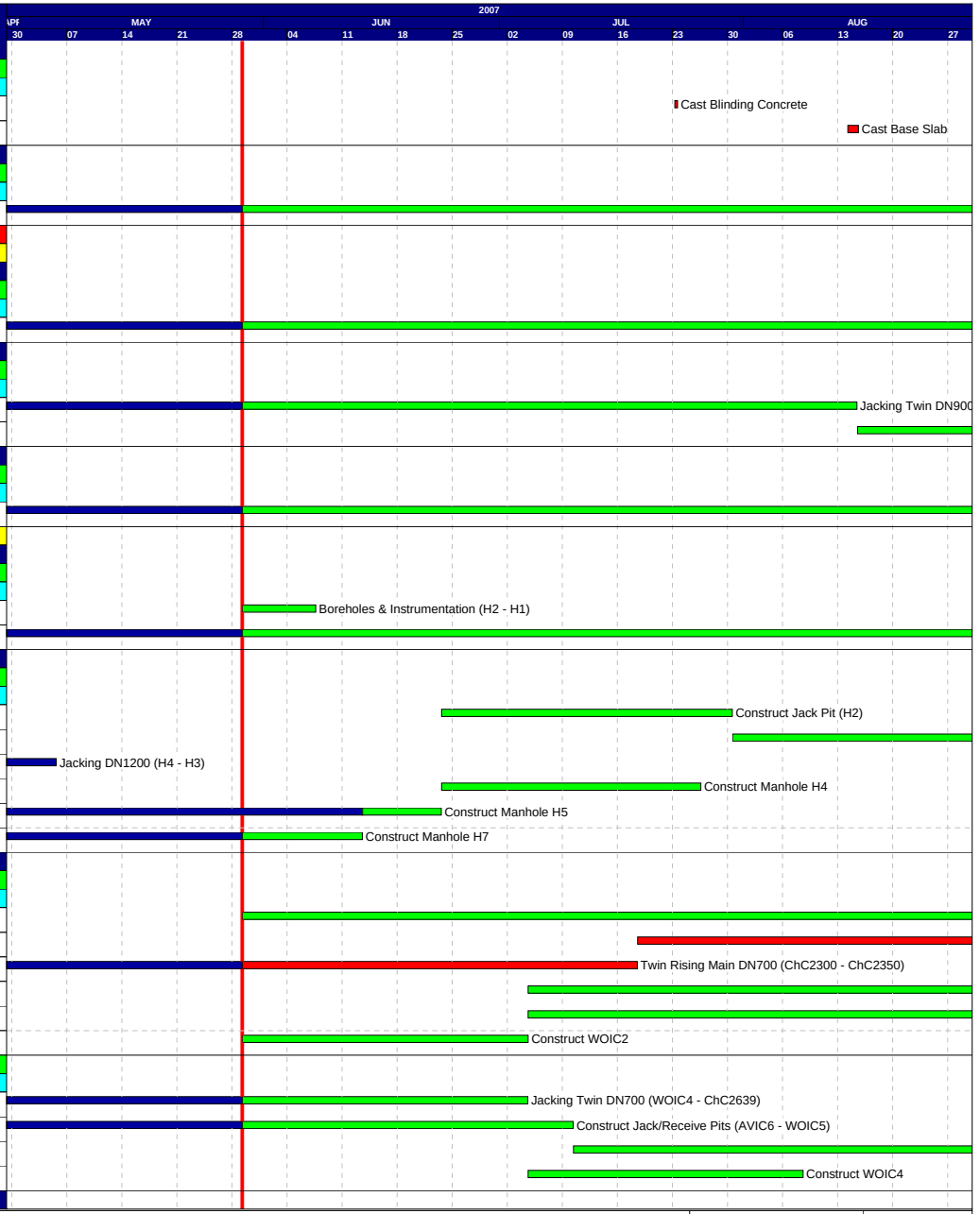
- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-138d	0	23JUL07	23JUL07	30JAN07	30JAN07
S3CL1100	Cast Base Slab	2d	-138d	0	14AUG07	15AUG07	24FEB07	26FEB07
Geotechnical works								
S3CP1000	Monitoring of Instruments	657d4h	1d	57	06APR06 A	10MAY08	06APR06 A	12MAY08
Section 4 - Sewers & RM in Portion D, F, G, H, I								
Portion D								
Ground Investigation								
S4DB1300	Install Settlement Markers	589d4h	245d	60	31OCT06 A	14MAR08	31OCT06 A	08JAN09
Pipework - Rising Main								
Trenchless Method								
S4DFB1020	Jacking Twin DN900 (WOIC1 - ChA2095)	131d	79d	50	29MAR07 A	15AUG07	29MAR07 A	17NOV07
S4DFB1100	Construct WOIC1	30d	79d	0	15AUG07	19SEP07	19NOV07	22DEC07
Geotechnical works								
S4DP1000	Monitoring of Instruments	603d	57d	29	02NOV06 A	01NOV08	02NOV06 A	08JAN09
Portion F								
Ground Investigation								
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	72d	0	29MAY07	07JUN07	23AUG07	01SEP07
S4FB1500	Install Settlement Markers	730d4h	108d	49	27APR06 A	30AUG08	27APR06 A	08JAN09
Drainage and Ducts								
Trenchless Method								
S4FEB1100	Construct Jack Pit (H2)	30d	13d	0	23JUN07	30JUL07	11JUL07	14AUG07
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	13d	0	30JUL07	21SEP07	15AUG07	09OCT07
S4FEB1220	Jacking DN1200 (H4 - H3)	41d		100	03APR07 A	05MAY07 A	03APR07 A	05MAY07 A
S4FEB1240	Construct Manhole H4	27d	376d	0	23JUN07	26JUL07	26SEP08	29OCT08
S4FEB1340	Construct Manhole H5	27d	13d	70	18APR07 A	23JUN07	18APR07 A	10JUL07
S4FEB1540	Construct Manhole H7	34d4h	13d	60	13MAR07 A	13JUN07	13MAR07 A	29JUN07
Pipework - Rising Main								
Trench Method								
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d	280d	0	29MAY07	20OCT07	08MAY08	27SEP08
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	52d	-22d	0	18JUL07	17SEP07	22JUN07	22AUG07
S4FFA2000	Twin Rising Main DN700 (ChC2300 - ChC2350)	52d	-22d	20	14MAR07 A	18JUL07	14MAR07 A	21JUN07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	1d	0	04JUL07	24OCT07	06JUL07	25OCT07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	212d	0	04JUL07	03SEP07	19MAR08	23MAY08
S4FFA2500	Construct WOIC2	30d	370d	0	29MAY07	04JUL07	23AUG08	27SEP08
Trenchless Method								
S4FFB1020	Jacking Twin DN700 (WOIC4 - ChC2639)	149d4h	1d	80	25NOV06 A	04JUL07	25NOV06 A	05JUL07
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d	9d	40	08JAN07 A	10JUL07	08JAN07 A	19JUL07
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	90d	9d	0	10JUL07	26OCT07	20JUL07	05NOV07
S4FFB1200	Construct WOIC4	30d	64d	0	04JUL07	08AUG07	18SEP07	25OCT07
Geotechnical works								



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Early bar
Progress bar
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Summary bar
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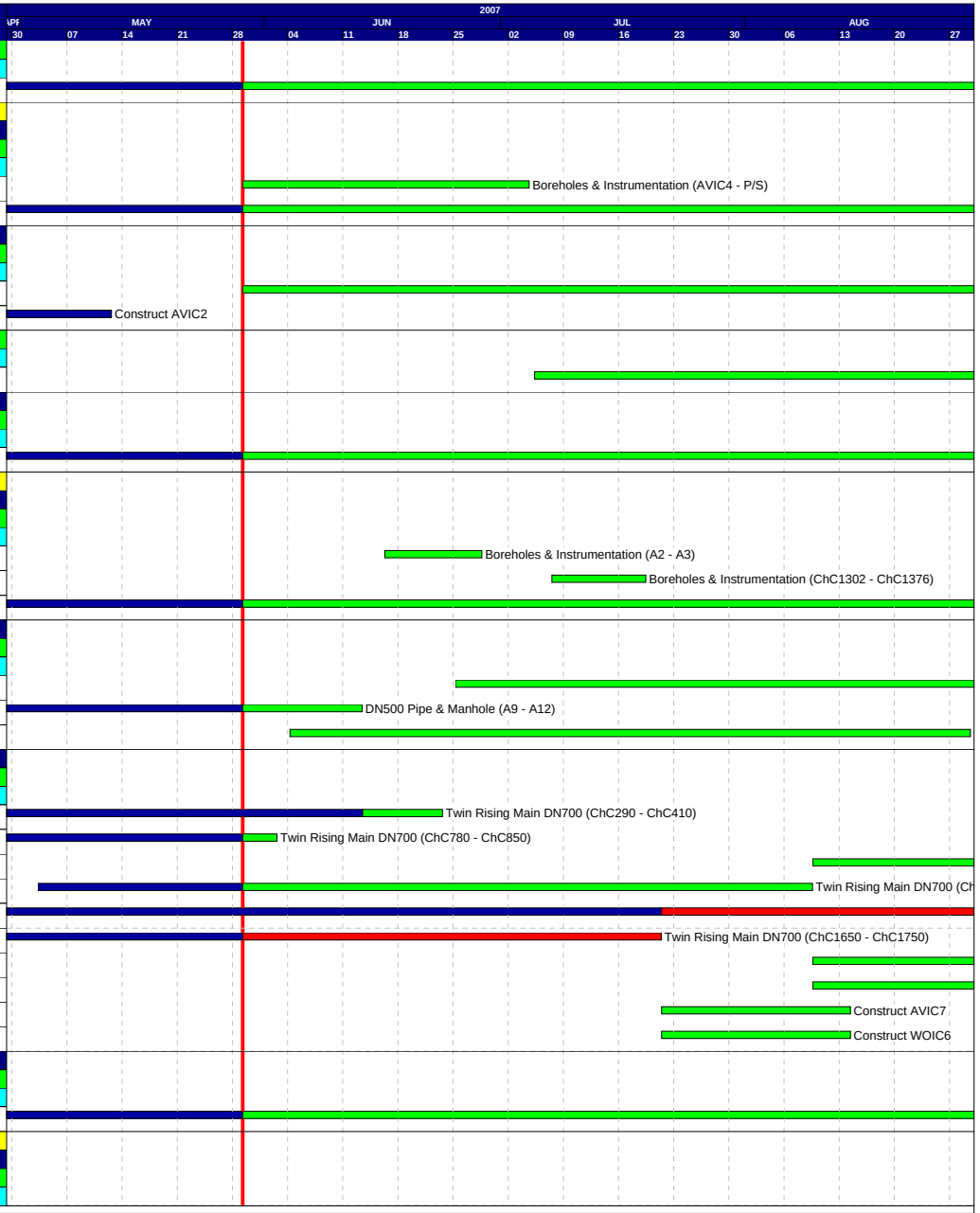
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4FP1000	Monitoring of Instruments	748d	36d	40	05JUN06 A	25NOV08	05JUN06 A	08JAN09
Portion G								
Ground Investigation								
S4GB1020	Boreholes & Instrumentation (AVIC4 - P/S)	30d	60d	0	29MAY07	04JUL07	09AUG07	12SEP07
S4GB1500	Install Settlement Markers	748d4h	90d	47	21APR06 A	22SEP08	21APR06 A	08JAN09
Pipework - Rising Main								
Trench Method								
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	349d	0	29MAY07	05SEP07	30JUL08	07NOV08
S4GFA1600	Construct AVIC2	30d		100	02APR07 A	12MAY07 A	02APR07 A	12MAY07 A
Trenchless Method								
S4GFB1000	Construct Jack/Receive Plts (AVIC4 - P/S)	57d	60d	0	05JUL07	08SEP07	13SEP07	21NOV07
Geotechnical works								
S4GP1000	Monitoring of Instruments	749d	61d	44	22APR06 A	28OCT08	22APR06 A	08JAN09
Portion H								
Ground Investigation								
S4HB1020	Boreholes & Instrumentation (A2 - A3)	10d	168d	0	16JUN07	28JUN07	08JAN08	18JAN08
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	126d	0	07JUL07	19JUL07	05DEC07	15DEC07
S4HB1300	Install Settlement Markers	727d4h	110d	49	26MAY06 A	27AUG08	26MAY06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	22d	0	25JUN07	23OCT07	21JUL07	17NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d	22d	85	03JUL06 A	13JUN07	03JUL06 A	11JUL07
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	45d	0	04JUN07	29AUG07	27JUL07	24OCT07
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d	22d	81	03JUL06 A	23JUN07	03JUL06 A	20JUL07
S4HFA1700	Twin Rising Main DN700 (ChC780 - ChC850)	50d	45d	90	09JAN07 A	02JUN07	09JAN07 A	27JUL07
S4HFA1800	Twin Rising Main DN700 (ChC850 - ChC950)	125d	68d	0	09AUG07	09JAN08	31OCT07	05APR08
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	68d	30	03MAY07 A	09AUG07	03MAY07 A	31OCT07
S4HFA2500	Twin Rising Main DN700 (ChC1550 - ChC1650)	223d	-47d	9	16DEC06 A	28MAR08	16DEC06 A	25JAN08
S4HFA2600	Twin Rising Main DN700 (ChC1650 - ChC1750)	134d4h	-47d	67	19JUN06 A	21JUL07	19JUN06 A	24MAY07
S4HFA3000	Construct AVIC9	20d	173d	0	09AUG07	01SEP07	08MAR08	05APR08
S4HFA3100	Construct WOIC8	20d	173d	0	09AUG07	01SEP07	08MAR08	05APR08
S4HFA3300	Construct AVIC7	20d	136d	0	21JUL07	14AUG07	03JAN08	25JAN08
S4HFA3400	Construct WOIC6	20d	136d	0	21JUL07	14AUG07	03JAN08	25JAN08
Geotechnical works								
S4HP1000	Monitoring of Instruments	749d	34d	40	26MAY06 A	28NOV08	26MAY06 A	08JAN09
Portion I								
Ground Investigation								



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Early bar
Progress bar
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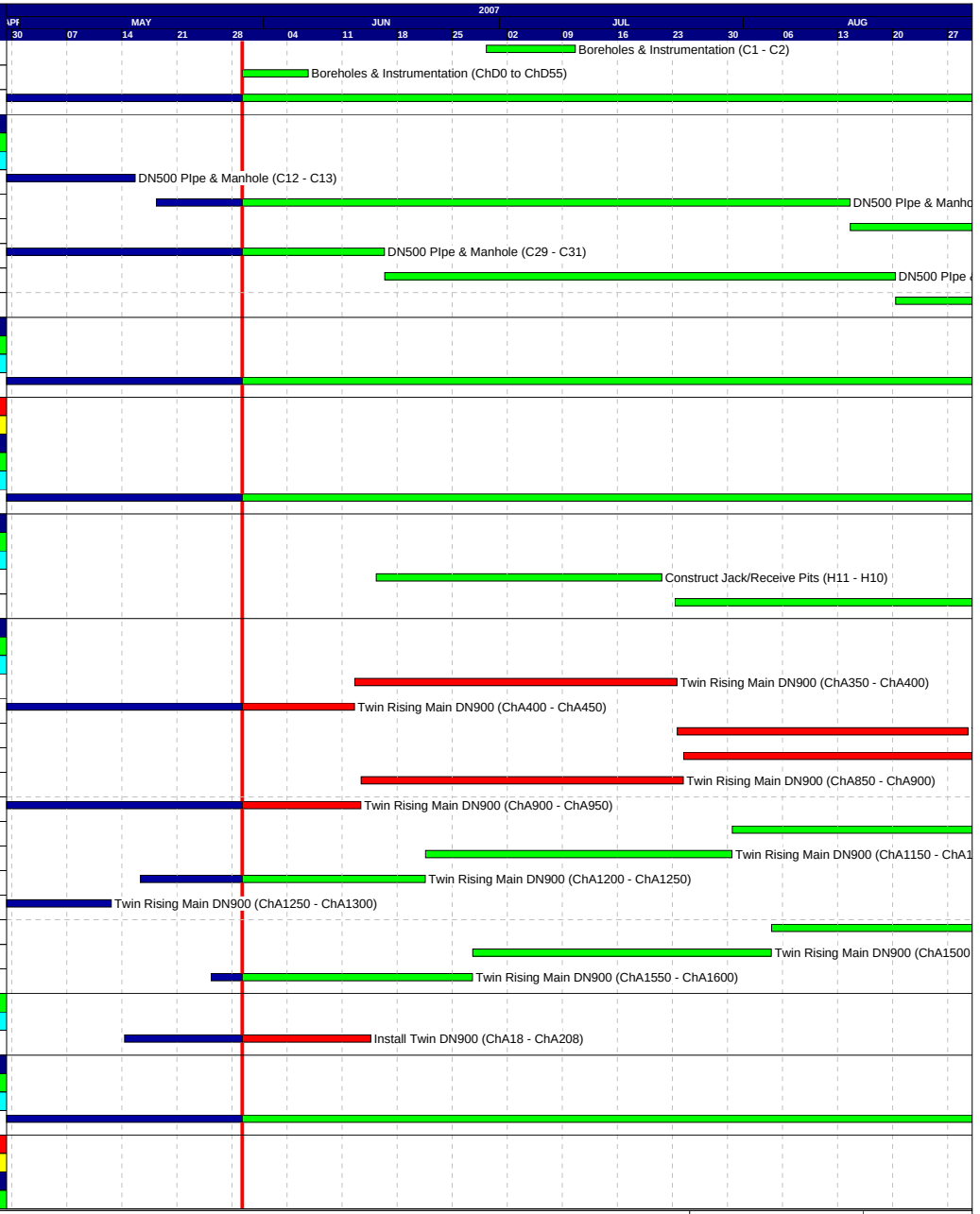
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4IB1020	Boreholes & Instrumentation (C1 - C2)	9d	309d	0	29JUN07	10JUL07	14JUL08	23JUL08
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	277d	0	29MAY07	06JUN07	05MAY08	13MAY08
S4IB1300	Install Settlement Markers	736d4h	79d	45	26JUN06 A	06OCT08	26JUN06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4IEA1400	DN500 PIpe & Manhole (C12 - C13)	58d		100	05DEC06 A	15MAY07 A	05DEC06 A	15MAY07 A
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	20d	20	18MAY07 A	14AUG07	18MAY07 A	06SEP07
S4IEA1600	DN500 PIpe & Manhole (C14 - C15)	45d	20d	0	14AUG07	08OCT07	07SEP07	01NOV07
S4IEA2300	DN500 PIpe & Manhole (C29 - C31)	54d	1d	70	08MAR07 A	16JUN07	08MAR07 A	16JUN07
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	1d	0	16JUN07	20AUG07	18JUN07	20AUG07
S4IEA2400	DN500 PIpe & Manhole (C32 - C34)	70d	1d	0	20AUG07	13NOV07	21AUG07	13NOV07
Geotechnical works								
S4IP1000	Monitoring of Instruments	726d	38d	39	28JUN06 A	22NOV08	28JUN06 A	08JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d	38d	34	29MAR07 A	14SEP07	29MAR07 A	31OCT07 *
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	157d	0	15JUN07 *	21JUL07	21DEC07	28JAN08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	157d	0	23JUL07	13NOV07	29JAN08	27MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	33d	-15d	0	12JUN07	23JUL07	26MAY07	05JUL07
S5EFA1400	Twin Rising Main DN900 (ChA400 - ChA450)	32d	-15d	60	10APR07 A	12JUN07	10APR07 A	24MAY07
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	32d	-15d	0	23JUL07	29AUG07	06JUL07	11AUG07
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	33d	-16d	0	24JUL07	31AUG07	05JUL07	11AUG07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	33d	-16d	0	13JUN07	24JUL07	24MAY07	04JUL07
S5EFA2400	Twin Rising Main DN900 (ChA900 - ChA950)	33d	-16d	60	02APR07 A	13JUN07	02APR07 A	23MAY07
S5EFA2800	Twin Rising Main DN900 (ChA1100 - ChA1150)	33d	44d	0	30JUL07	06SEP07	20SEP07	31OCT07 *
S5EFA2900	Twin Rising Main DN900 (ChA1150 - ChA1200)	32d	44d	0	21JUN07	30JUL07	14AUG07	19SEP07
S5EFA3000	Twin Rising Main DN900 (ChA1200 - ChA1250)	33d	44d	40	16MAY07 A	21JUN07	16MAY07 A	13AUG07
S5EFA3100	Twin Rising Main DN900 (ChA1250 - ChA1300)	33d		100	10APR07 A	12MAY07 A	10APR07 A	12MAY07 A
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	33d	6d	0	04AUG07	12SEP07	13AUG07	19SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	32d	6d	0	27JUN07	04AUG07	06JUL07	11AUG07
S5EFA3700	Twin Rising Main DN900 (ChA1550 - ChA1600)	33d	6d	25	25MAY07 A	27JUN07	25MAY07 A	05JUL07
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-71d	50	14MAY07 A	14JUN07	14MAY07 A	16MAR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	43d	47	01AUG06 A	10MAY08	01AUG06 A	30JUN08
Section 6 - Sewers in Portion J								
Portion J								
Ground Investigation								



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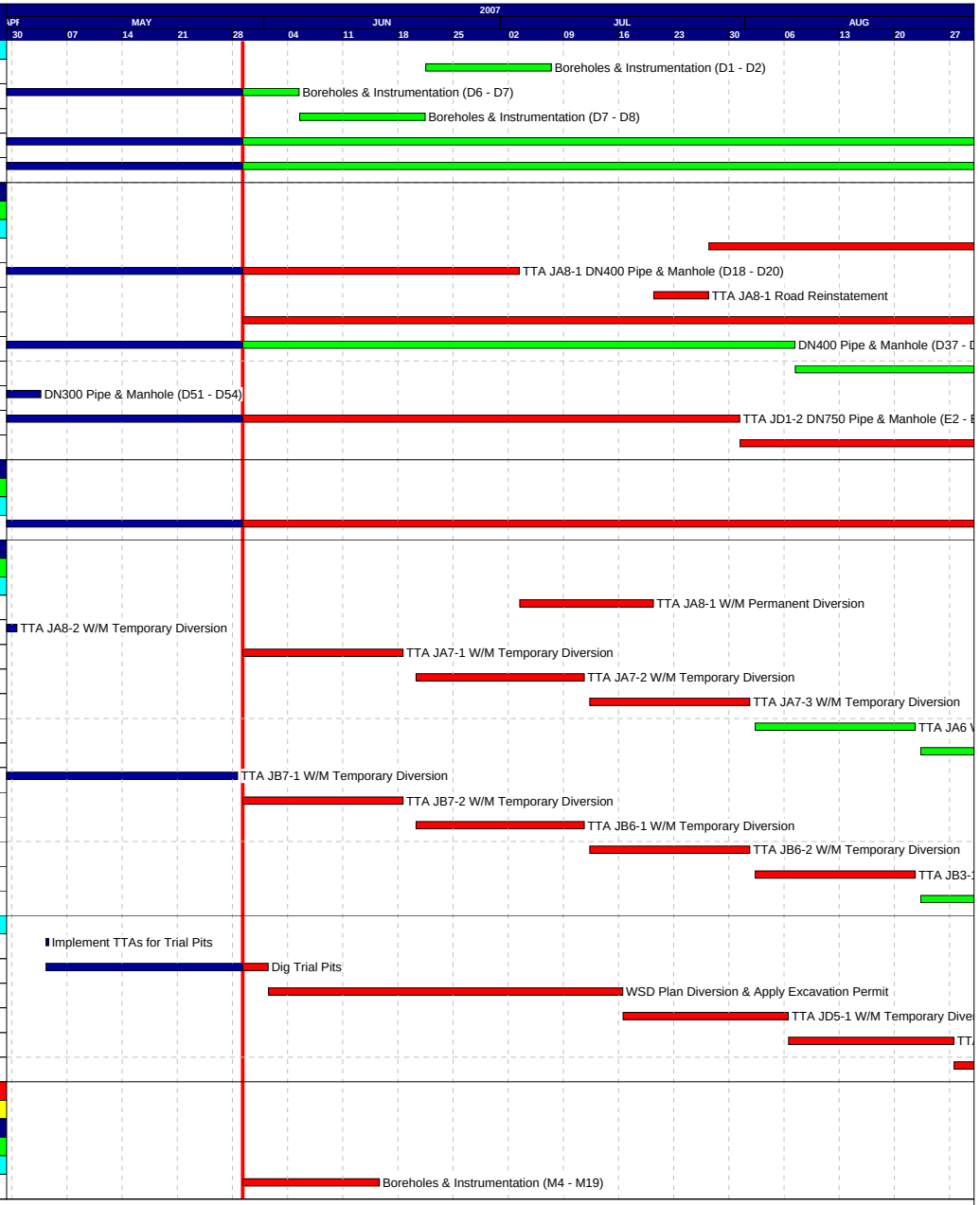
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S6JB1020	Boreholes & Instrumentation (D1 - D2)	13d	126d	0	21JUN07	07JUL07	20NOV07	04DEC07
S6JB1040	Boreholes & Instrumentation (D6 - D7)	13d	99d	50	13JUN06 A	05JUN07	13JUN06 A	02OCT07
S6JB1060	Boreholes & Instrumentation (D7 - D8)	13d	115d	0	05JUN07	21JUN07	23OCT07	06NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	58d	43	20APR06 A	11NOV08	20APR06 A	20JAN09
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	143d	42	07JUL06 A	31JUL08	07JUL06 A	20JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-276d	0	27JUL07	26OCT07	19AUG06	17NOV06
S6JEA1820	TTA JA8-1 DN400 Pipe & Manhole (D18 - D20)	81d	-276d	65	29JAN07 A	03JUL07	29JAN07 A	25JUL06
S6JEA1830	TTA JA8-1 Road Reinstatement	6d	-276d	0	20JUL07	27JUL07	12AUG06	18AUG06
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-436d	0	29MAY07	10SEP07	03DEC05	21MAR06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	65d	33	28MAR07 A	07AUG07	28MAR07 A	25OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	65d	0	07AUG07	25OCT07	25OCT07	12JAN08
S6JEA3600	DN300 Pipe & Manhole (D51 - D54)	30d		100	02JAN07 A	03MAY07 A	02JAN07 A	03MAY07 A
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-431d	5	31MAR07 A	31JUL07	31MAR07 A	13FEB06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-431d	0	31JUL07	29OCT07	14FEB06	17MAY06
Geotechnical works								
S6JP1000	Monitoring of Instruments	1220d	-389d	28	21APR06 A	10MAY10	21APR06 A	20JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1260	TTA JA8-1 W/M Permanent Diversion	15d	-276d	0	03JUL07	20JUL07	26JUL06	11AUG06
S6JV1270	TTA JA8-2 W/M Temporary Diversion	18d		100	21MAR07 A	30APR07 A	21MAR07 A	30APR07 A
S6JV1290	TTA JA7-1 W/M Temporary Diversion	18d	-143d	0	29MAY07	18JUN07	29NOV06	19DEC06
S6JV1310	TTA JA7-2 W/M Temporary Diversion	18d	-85d	0	20JUN07	11JUL07	05MAR07	24MAR07
S6JV1330	TTA JA7-3 W/M Temporary Diversion	18d	-42d	0	12JUL07	01AUG07	21MAY07	11JUN07
S6JV1350	TTA JA6 W/M Temporary Diversion	18d	7d	0	02AUG07	22AUG07	10AUG07	30AUG07
S6JV1370	TTA JA5-2 W/M Temporary Diversion	18d	65d	0	23AUG07	12SEP07	10NOV07	30NOV07
S6JV1450	TTA JB7-1 W/M Temporary Diversion	103d		100	20MAR07 A	28MAY07 A	20MAR07 A	28MAY07 A
S6JV1470	TTA JB7-2 W/M Temporary Diversion	18d	-345d	0	29MAY07	18JUN07	25MAR06	19APR06
S6JV1490	TTA JB6-1 W/M Temporary Diversion	18d	-266d	0	20JUN07	11JUL07	26JUL06	15AUG06
S6JV1510	TTA JB6-2 W/M Temporary Diversion	18d	-183d	0	12JUL07	01AUG07	24NOV06	14DEC06
S6JV1530	TTA JB3-1 W/M Temporary Diversion	18d	-99d	0	02AUG07	22AUG07	30MAR07	24APR07
S6JV1550	TTA JB3-2 W/M Temporary Diversion	18d	26d	0	23AUG07	12SEP07	22SEP07	15OCT07
Kam Sheung Road A/C Watermain (Claim No. 018)								
S6JV2430	Implement TTAs for Trial Pits	1d		100	04MAY07 A	04MAY07 A	04MAY07 A	04MAY07 A
S6JV2440	Dig Trial Pits	18d	-179d	80	04MAY07 A	01JUN07	04MAY07 A	20OCT06
S6JV2450	WSD Plan Diversion & Apply Excavation Permit	36d	-179d	0	01JUN07	16JUL07	21OCT06	02DEC06
S6JV2460	TTA JD5-1 W/M Temporary Diversion	18d	-179d	0	16JUL07	06AUG07	04DEC06	23DEC06
S6JV2480	TTA JD5-2 W/M Temporary Diversion	18d	-114d	0	06AUG07	27AUG07	17MAR07	11APR07
S6JV2500	TTA JD6 W/M Temporary Diversion	18d	-54d	0	27AUG07	17SEP07	25JUN07	16JUL07
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1020	Boreholes & Instrumentation (M4 - M19)	16d	-152d	0	29MAY07	15JUN07	18NOV06	06DEC06



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- Early bar
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- Critical bar
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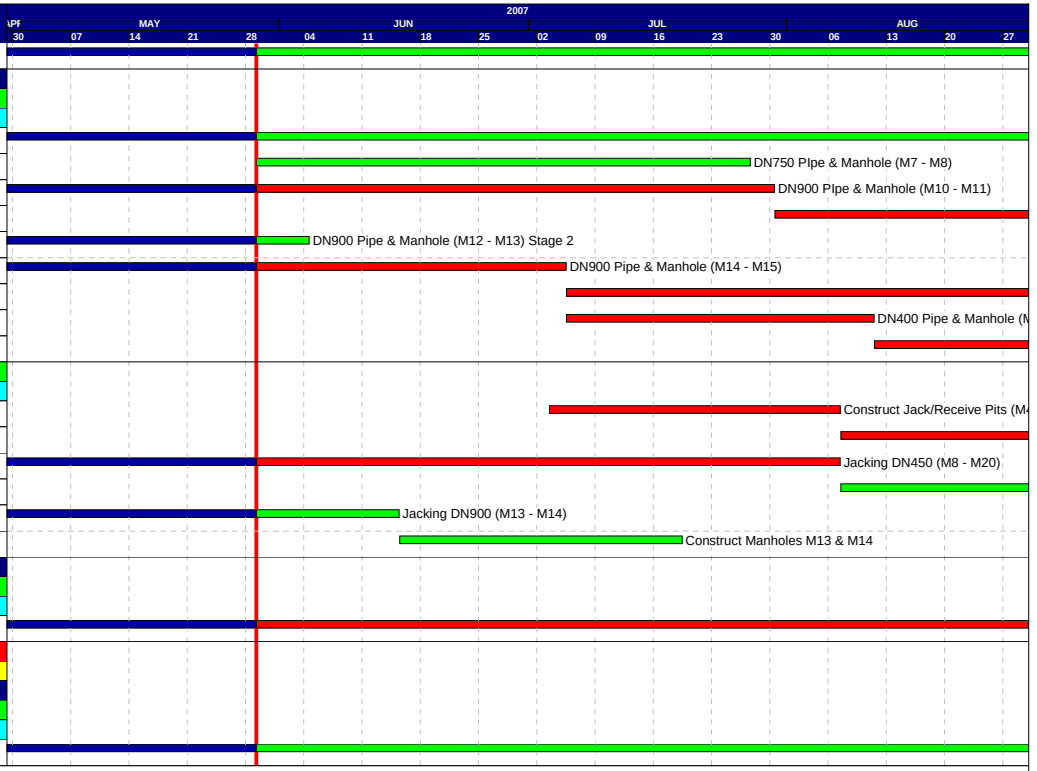
- Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S7KB1500	Install Settlement Markers	423d4h	53d	80	08MAY06 A	07SEP07	08MAY06 A	10NOV07
Drainage and Ducts								
Trench Method								
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	32d	20	03APR07 A	25SEP07	03APR07 A	05NOV07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	32d	0	29MAY07	27JUL07	07JUL07	03SEP07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-24d	10	23JAN07 A	30JUL07	23JAN07 A	30JUN07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-24d	0	30JUL07	03OCT07	03JUL07	03SEP07
S7KEA1710	DN900 Pipe & Manhole (M12 - M13) Stage 2	30d	130d	80	03APR07 A	04JUN07	03APR07 A	08NOV07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-37d	40	27DEC06 A	05JUL07	27DEC06 A	19MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-37d	0	05JUL07	25OCT07	21MAY07	08SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	-2d	0	05JUL07	11AUG07	04JUL07	09AUG07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	-2d	0	11AUG07	08SEP07	10AUG07	06SEP07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-165d	0	03JUL07	07AUG07	07DEC06	13JAN07
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-165d	0	07AUG07	02NOV07	15JAN07	16APR07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-165d	40	18NOV06 A	07AUG07	18NOV06 A	13JAN07
S7KEB1140	Construct Manholes M8 & M20	27d	51d	0	07AUG07	07SEP07	08OCT07	08NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	94d	68	02DEC06 A	15JUN07	02DEC06 A	06OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	94d	0	15JUN07	19JUL07	08OCT07	08NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	561d	-114d	55	24MAY06 A	02APR08	24MAY06 A	10NOV07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	885d	0	44	29JUL06 A	20JAN09	29JUL06 A	20JAN09



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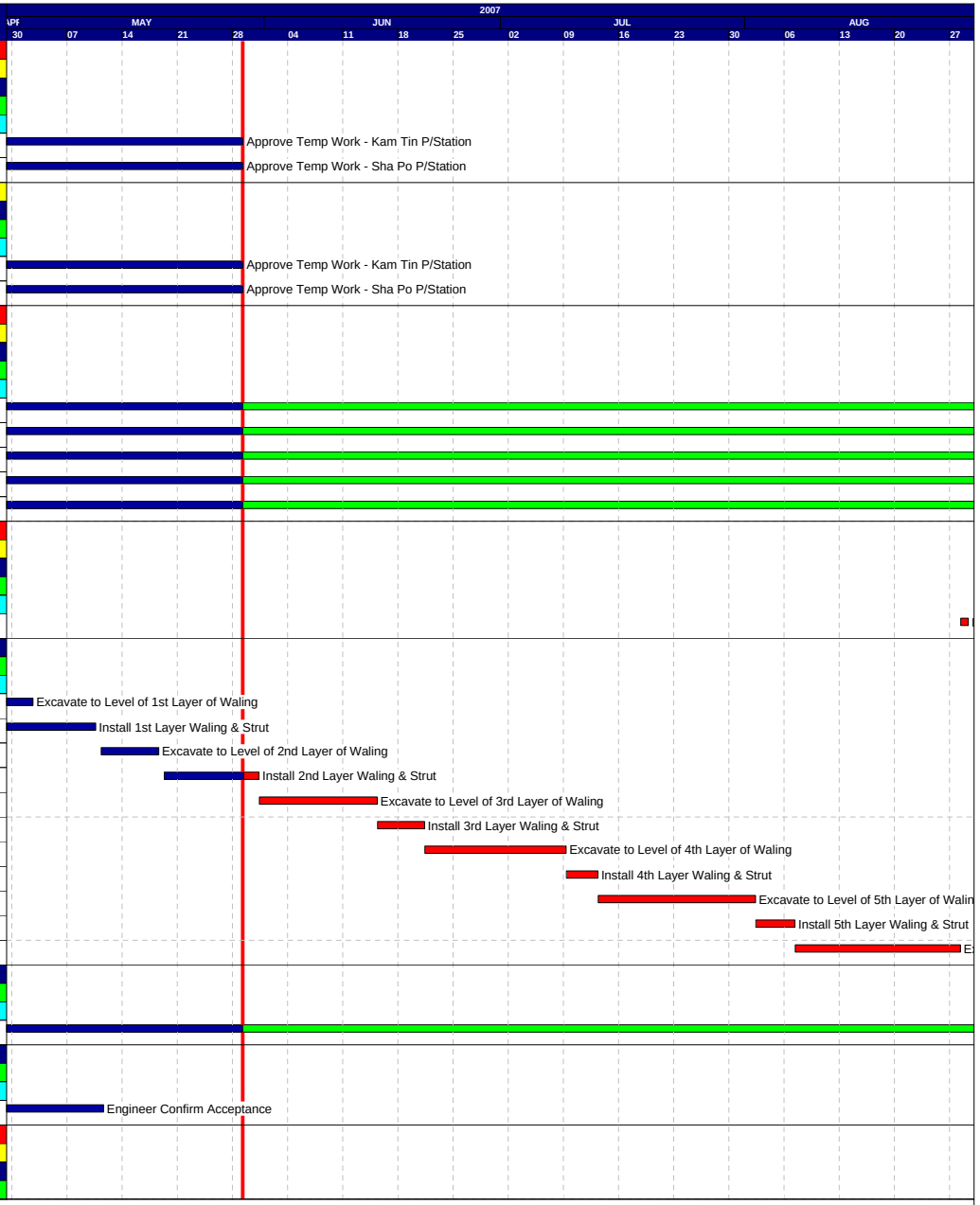
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Submission								
Design Submission								
SUN1500	Approve Temp Work - Kam Tin P/Station	6d	-78d	95	10NOV06 A	29MAY07	10NOV06 A	15FEB07
SUN1700	Approve Temp Work - Sha Po P/Station	6d	30d	95	11JAN07 A	29MAY07	11JAN07 A	04JUL07
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d	-78d	95	10NOV06 A	29MAY07	10NOV06 A	15FEB07
SUO1300	Approve Temp Work - Sha Po P/Station	6d	30d	95	21APR07 A	29MAY07	21APR07 A	04JUL07
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	54d	44	29APR06 A	21NOV08	29APR06 A	29JAN09
PR3100	Deliver Precast Concrete Pipe	800d	69d	46	24APR06 A	04NOV08	24APR06 A	29JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	40d	43	10APR06 A	09DEC08	10APR06 A	29JAN09
PR3400	44.2	835d	32d	44	06APR06 A	17DEC08	06APR06 A	29JAN09
PR3500	Environmental monitoring by ET	814d	72d	48	06APR06 A	01NOV08	06APR06 A	29JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Drainage and Ducts								
Trench Method								
S1AEA1600	Install Geotextile Filter to F/L of Base Slab	1d	-78d	0	28AUG07	29AUG07	26MAY07	26MAY07
Earthworks								
S1AG1100	Excavate to Level of 1st Layer of Waling	4d		100	24APR07 A	02MAY07 A	24APR07 A	02MAY07 A
S1AG1200	Install 1st Layer Waling & Strut	4d		100	26APR07 A	10MAY07 A	26APR07 A	10MAY07 A
S1AG1300	Excavate to Level of 2nd Layer of Waling	10d		100	11MAY07 A	18MAY07 A	11MAY07 A	18MAY07 A
S1AG1400	Install 2nd Layer Waling & Strut	4d	-78d	50	19MAY07 A	31MAY07	19MAY07 A	21FEB07
S1AG1500	Excavate to Level of 3rd Layer of Waling	13d	-78d	0	31MAY07	15JUN07	22FEB07	08MAR07
S1AG1600	Install 3rd Layer Waling & Strut	4d	-78d	0	15JUN07	21JUN07	09MAR07	13MAR07
S1AG1700	Excavate to Level of 4th Layer of Waling	14d	-78d	0	21JUN07	09JUL07	14MAR07	29MAR07
S1AG1800	Install 4th Layer Waling & Strut	4d	-78d	0	09JUL07	13JUL07	30MAR07	03APR07
S1AG1900	Excavate to Level of 5th Layer of Waling	17d	-78d	0	13JUL07	02AUG07	04APR07	27APR07
S1AG2000	Install 5th Layer Waling & Strut	4d	-78d	0	02AUG07	07AUG07	28APR07	03MAY07
S1AG2100	Excavate to Formation Level	18d	-78d	0	07AUG07	28AUG07	04MAY07	24MAY07
Geotechnical works								
S1AP1000	Monitoring of Instruments	384d	95d	41	16NOV06 A	03MAR08	16NOV06 A	27JUN08
Additonal Works / Disruption								
Pumping Test at KT P/S (Claim No. 023)								
S1AV1100	Engineer Confirm Acceptance	6d		100	17APR07 A	11MAY07 A	17APR07 A	11MAY07 A
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Earthworks								



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Early bar
Progress bar
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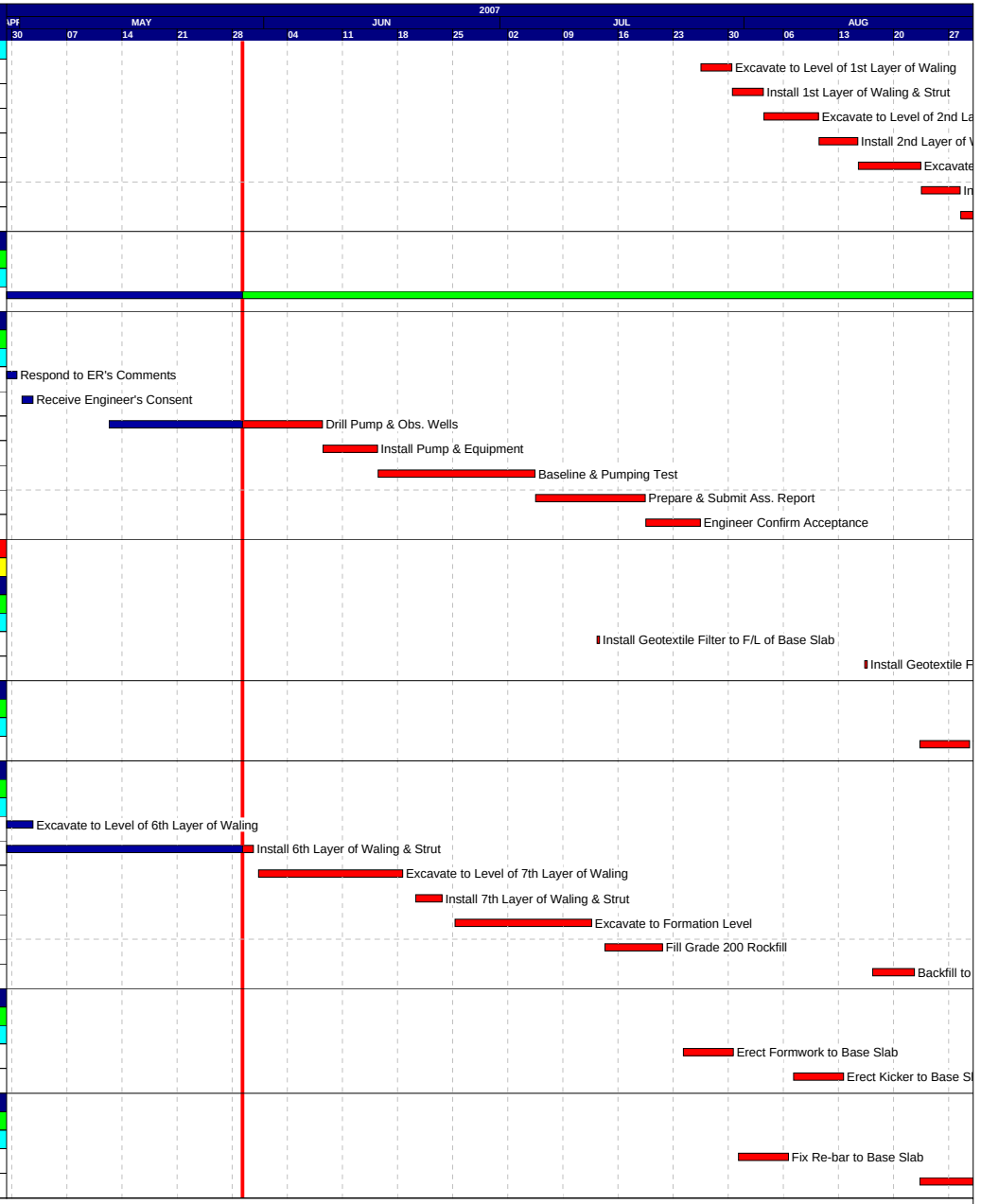
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S2BG1100	Excavate to Level of 1st Layer of Waling	3d	-19d	0	26JUL07	30JUL07	05JUL07	07JUL07
S2BG1200	Install 1st Layer of Waling & Strut	4d	-19d	0	30JUL07	03AUG07	09JUL07	12JUL07
S2BG1300	Excavate to Level of 2nd Layer of Waling	6d	-19d	0	03AUG07	10AUG07	13JUL07	19JUL07
S2BG1400	Install 2nd Layer of Waling & Strut	4d	-19d	0	10AUG07	15AUG07	20JUL07	24JUL07
S2BG1500	Excavate to Level of 3rd layer of Waling	7d	-19d	0	15AUG07	23AUG07	25JUL07	01AUG07
S2BG1600	Install 3rd Layer of Waling & Strut	4d	-19d	0	23AUG07	28AUG07	02AUG07	06AUG07
S2BG1700	Excavate to Formation Level	9d	-19d	0	28AUG07	07SEP07	07AUG07	16AUG07
Geotechnical works								
S2BP1000	Monitoring of Instruments	255d	142d	29	26FEB07 A	04JAN08	26FEB07 A	27JUN08
Additonal Works / Disruption								
Pumping Test at SP P/S (Claim No. 022)								
S2BV1040	Respond to ER's Comments	6d		100	14MAR07 A	30APR07 A	14MAR07 A	30APR07 A
S2BV1050	Receive Engineer's Consent	6d		100	01MAY07 A	02MAY07 A	01MAY07 A	02MAY07 A
S2BV1060	Drill Pump & Obs. Wells	28d	-19d	66	12MAY07 A	08JUN07	12MAY07 A	16MAY07
S2BV1070	Install Pump & Equipment	6d	-19d	0	08JUN07	15JUN07	17MAY07	23MAY07
S2BV1080	Baseline & Pumping Test	15d	-19d	0	15JUN07	05JUL07	24MAY07	11JUN07
S2BV1090	Prepare & Submit Ass. Report	12d	-19d	0	05JUL07	19JUL07	12JUN07	26JUN07
S2BV1100	Engineer Confirm Acceptance	6d	-19d	0	19JUL07	26JUL07	27JUN07	04JUL07
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-138d	0	13JUL07	13JUL07	20JAN07	20JAN07
S3CEA1750	Install Geotextile Filter up to -9.0mPD	1d	-138d	0	16AUG07	16AUG07	27FEB07	27FEB07
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-128d	0	23AUG07	29AUG07	17MAR07	23MAR07
Earthworks								
S3CG2100	Excavate to Level of 6th Layer of Waling	22d		100	17APR07 A	02MAY07 A	17APR07 A	02MAY07 A
S3CG2200	Install 6th Layer of Waling & Strut	4d	-138d	50	20APR07 A	30MAY07	20APR07 A	06DEC06
S3CG2210	Excavate to Level of 7th Layer of Waling	16d	-138d	0	31MAY07	18JUN07	07DEC06	27DEC06
S3CG2220	Install 7th Layer of Waling & Strut	4d	-138d	0	20JUN07	23JUN07	28DEC06	02JAN07
S3CG2300	Excavate to Formation Level	15d	-138d	0	25JUN07	12JUL07	03JAN07	19JAN07
S3CG2400	Fill Grade 200 Rockfill	7d	-138d	0	14JUL07	21JUL07	22JAN07	29JAN07
S3CG2450	Backfill to -9.0mPD	5d	-138d	0	17AUG07	22AUG07	28FEB07	05MAR07
Formwork								
S3CJ1000	Erect Formwork to Base Slab	6d	-138d	0	24JUL07	30JUL07	31JAN07	06FEB07
S3CJ1100	Erect Kicker to Base Slab	6d	-138d	0	07AUG07	13AUG07	14FEB07	23FEB07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab	6d	-138d	0	31JUL07	06AUG07	07FEB07	13FEB07
S3CK1100	Fix Re-bar to -6.8mPD	8d	-138d	0	23AUG07	31AUG07	06MAR07	14MAR07



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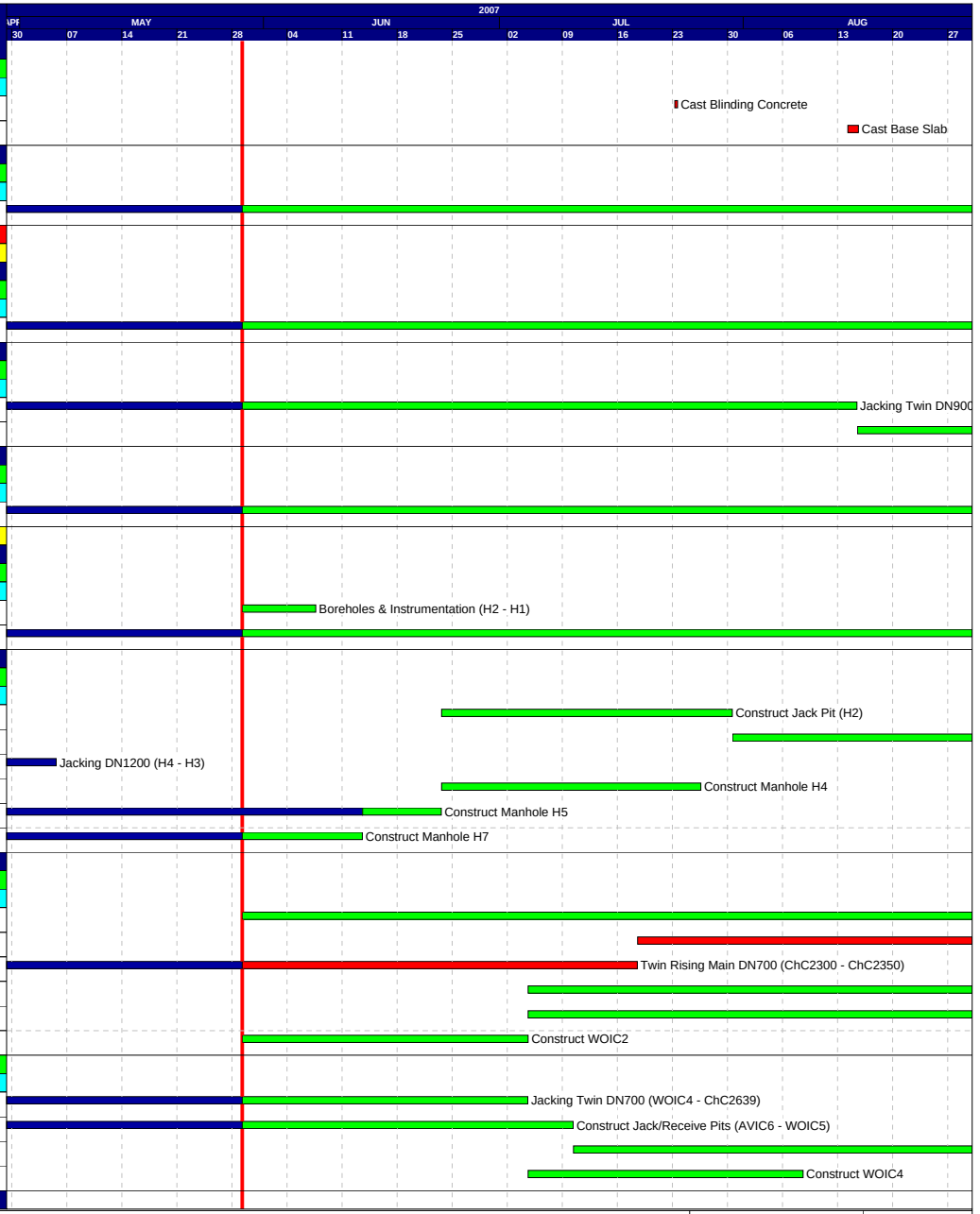
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-138d	0	23JUL07	23JUL07	30JAN07	30JAN07
S3CL1100	Cast Base Slab	2d	-138d	0	14AUG07	15AUG07	24FEB07	26FEB07
Geotechnical works								
S3CP1000	Monitoring of Instruments	657d4h	1d	57	06APR06 A	10MAY08	06APR06 A	12MAY08
Section 4 - Sewers & RM in Portion D, F, G, H, I								
Portion D								
Ground Investigation								
S4DB1300	Install Settlement Markers	589d4h	245d	60	31OCT06 A	14MAR08	31OCT06 A	08JAN09
Pipework - Rising Main								
Trenchless Method								
S4DFB1020	Jacking Twin DN900 (WOIC1 - ChA2095)	131d	79d	50	29MAR07 A	15AUG07	29MAR07 A	17NOV07
S4DFB1100	Construct WOIC1	30d	79d	0	15AUG07	19SEP07	19NOV07	22DEC07
Geotechnical works								
S4DP1000	Monitoring of Instruments	603d	57d	29	02NOV06 A	01NOV08	02NOV06 A	08JAN09
Portion F								
Ground Investigation								
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	72d	0	29MAY07	07JUN07	23AUG07	01SEP07
S4FB1500	Install Settlement Markers	730d4h	108d	49	27APR06 A	30AUG08	27APR06 A	08JAN09
Drainage and Ducts								
Trenchless Method								
S4FEB1100	Construct Jack Pit (H2)	30d	13d	0	23JUN07	30JUL07	11JUL07	14AUG07
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	13d	0	30JUL07	21SEP07	15AUG07	09OCT07
S4FEB1220	Jacking DN1200 (H4 - H3)	41d		100	03APR07 A	05MAY07 A	03APR07 A	05MAY07 A
S4FEB1240	Construct Manhole H4	27d	376d	0	23JUN07	26JUL07	26SEP08	29OCT08
S4FEB1340	Construct Manhole H5	27d	13d	70	18APR07 A	23JUN07	18APR07 A	10JUL07
S4FEB1540	Construct Manhole H7	34d4h	13d	60	13MAR07 A	13JUN07	13MAR07 A	29JUN07
Pipework - Rising Main								
Trench Method								
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d	280d	0	29MAY07	20OCT07	08MAY08	27SEP08
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	52d	-22d	0	18JUL07	17SEP07	22JUN07	22AUG07
S4FFA2000	Twin Rising Main DN700 (ChC2300 - ChC2350)	52d	-22d	20	14MAR07 A	18JUL07	14MAR07 A	21JUN07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	1d	0	04JUL07	24OCT07	06JUL07	25OCT07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	212d	0	04JUL07	03SEP07	19MAR08	23MAY08
S4FFA2500	Construct WOIC2	30d	370d	0	29MAY07	04JUL07	23AUG08	27SEP08
Trenchless Method								
S4FFB1020	Jacking Twin DN700 (WOIC4 - ChC2639)	149d4h	1d	80	25NOV06 A	04JUL07	25NOV06 A	05JUL07
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d	9d	40	08JAN07 A	10JUL07	08JAN07 A	19JUL07
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	90d	9d	0	10JUL07	26OCT07	20JUL07	05NOV07
S4FFB1200	Construct WOIC4	30d	64d	0	04JUL07	08AUG07	18SEP07	25OCT07
Geotechnical works								



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Early bar
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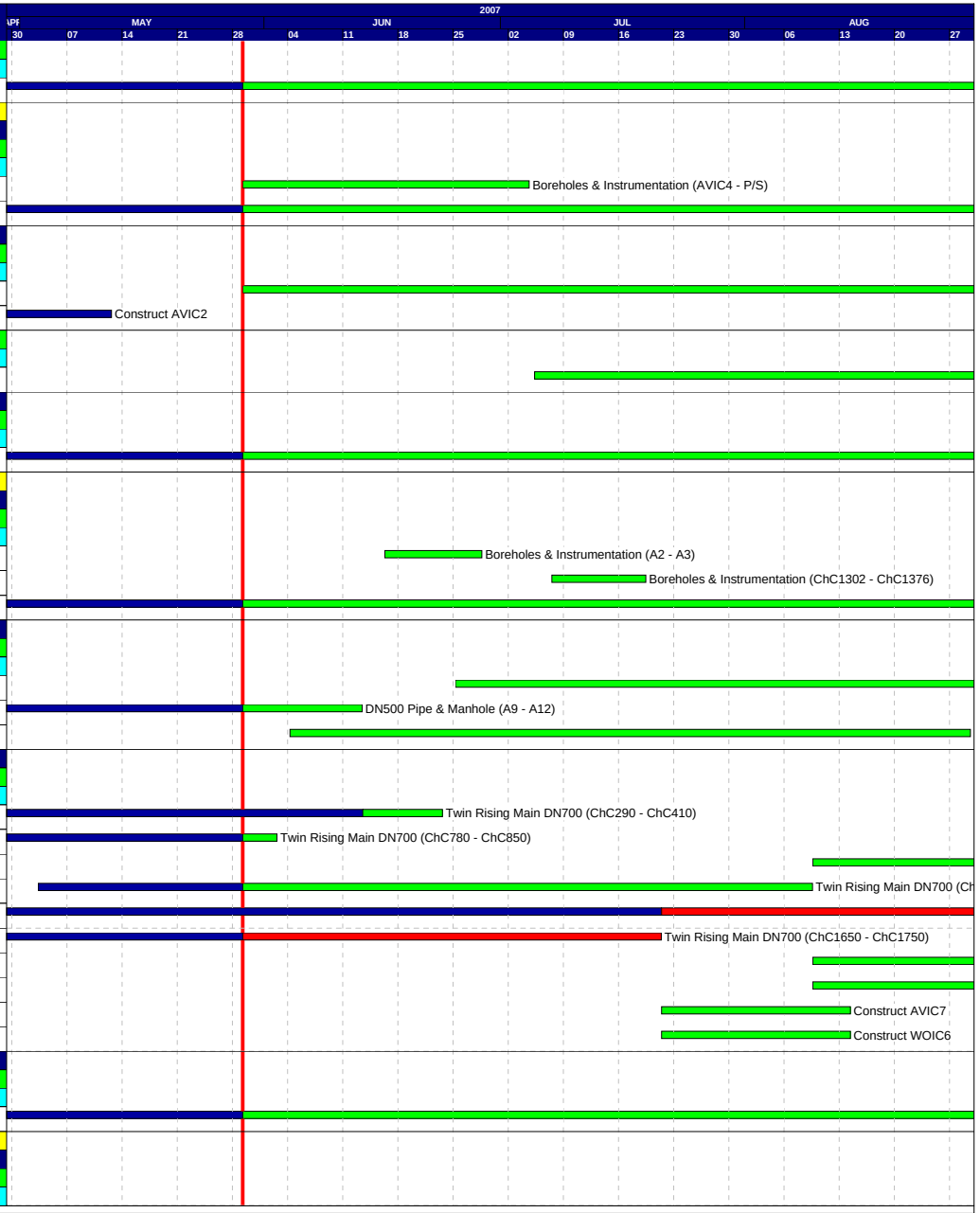
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4FP1000	Monitoring of Instruments	748d	36d	40	05JUN06 A	25NOV08	05JUN06 A	08JAN09
Portion G								
Ground Investigation								
S4GB1020	Boreholes & Instrumentation (AVIC4 - P/S)	30d	60d	0	29MAY07	04JUL07	09AUG07	12SEP07
S4GB1500	Install Settlement Markers	748d4h	90d	47	21APR06 A	22SEP08	21APR06 A	08JAN09
Pipework - Rising Main								
Trench Method								
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	349d	0	29MAY07	05SEP07	30JUL08	07NOV08
S4GFA1600	Construct AVIC2	30d		100	02APR07 A	12MAY07 A	02APR07 A	12MAY07 A
Trenchless Method								
S4GFB1000	Construct Jack/Receive Plts (AVIC4 - P/S)	57d	60d	0	05JUL07	08SEP07	13SEP07	21NOV07
Geotechnical works								
S4GP1000	Monitoring of Instruments	749d	61d	44	22APR06 A	28OCT08	22APR06 A	08JAN09
Portion H								
Ground Investigation								
S4HB1020	Boreholes & Instrumentation (A2 - A3)	10d	168d	0	16JUN07	28JUN07	08JAN08	18JAN08
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	126d	0	07JUL07	19JUL07	05DEC07	15DEC07
S4HB1300	Install Settlement Markers	727d4h	110d	49	26MAY06 A	27AUG08	26MAY06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	22d	0	25JUN07	23OCT07	21JUL07	17NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d	22d	85	03JUL06 A	13JUN07	03JUL06 A	11JUL07
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	45d	0	04JUN07	29AUG07	27JUL07	24OCT07
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d	22d	81	03JUL06 A	23JUN07	03JUL06 A	20JUL07
S4HFA1700	Twin Rising Main DN700 (ChC780 - ChC850)	50d	45d	90	09JAN07 A	02JUN07	09JAN07 A	27JUL07
S4HFA1800	Twin Rising Main DN700 (ChC850 - ChC950)	125d	68d	0	09AUG07	09JAN08	31OCT07	05APR08
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	68d	30	03MAY07 A	09AUG07	03MAY07 A	31OCT07
S4HFA2500	Twin Rising Main DN700 (ChC1550 - ChC1650)	223d	-47d	9	16DEC06 A	28MAR08	16DEC06 A	25JAN08
S4HFA2600	Twin Rising Main DN700 (ChC1650 - ChC1750)	134d4h	-47d	67	19JUN06 A	21JUL07	19JUN06 A	24MAY07
S4HFA3000	Construct AVIC9	20d	173d	0	09AUG07	01SEP07	08MAR08	05APR08
S4HFA3100	Construct WOIC8	20d	173d	0	09AUG07	01SEP07	08MAR08	05APR08
S4HFA3300	Construct AVIC7	20d	136d	0	21JUL07	14AUG07	03JAN08	25JAN08
S4HFA3400	Construct WOIC6	20d	136d	0	21JUL07	14AUG07	03JAN08	25JAN08
Geotechnical works								
S4HP1000	Monitoring of Instruments	749d	34d	40	26MAY06 A	28NOV08	26MAY06 A	08JAN09
Portion I								
Ground Investigation								



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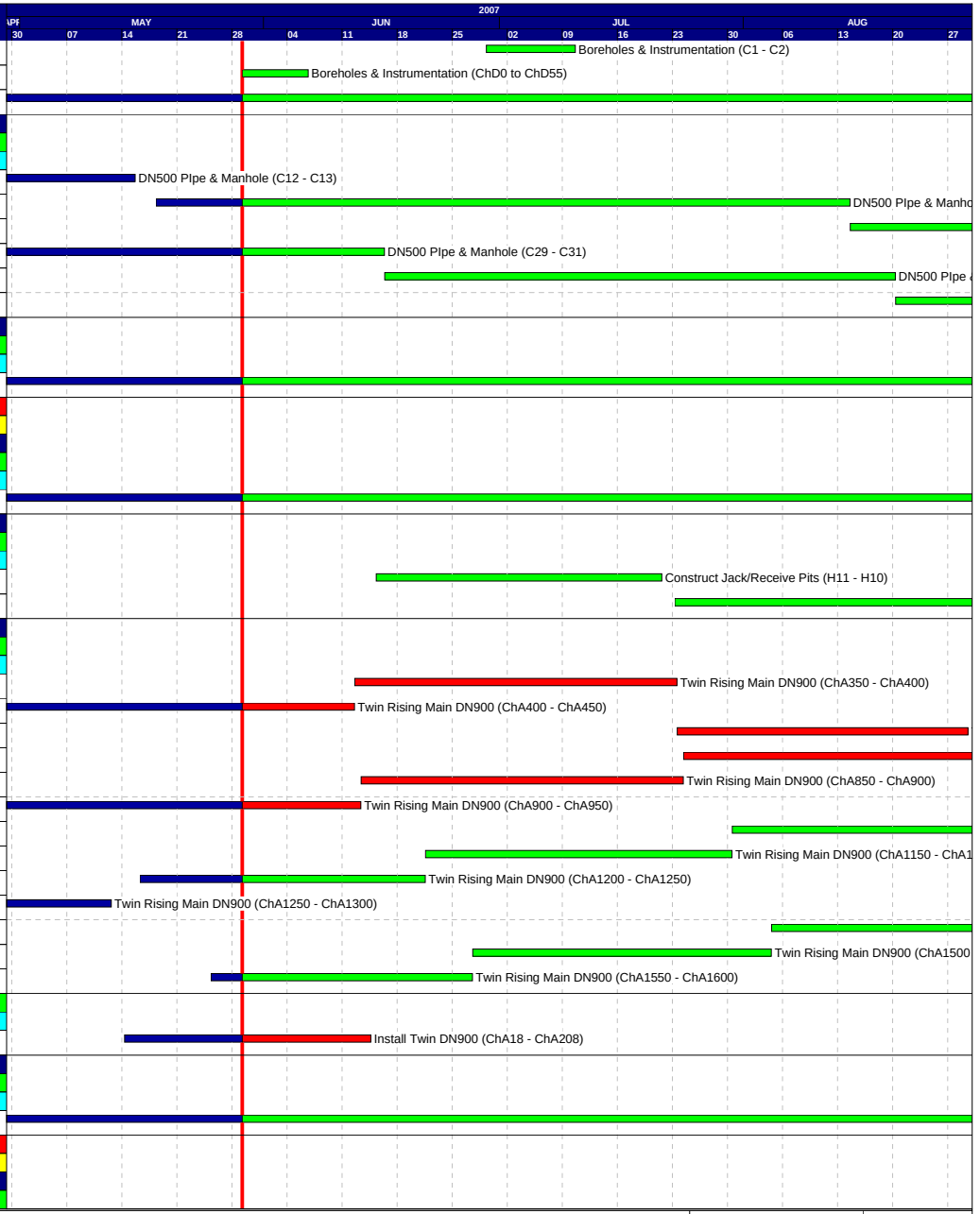
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4IB1020	Boreholes & Instrumentation (C1 - C2)	9d	309d	0	29JUN07	10JUL07	14JUL08	23JUL08
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	277d	0	29MAY07	06JUN07	05MAY08	13MAY08
S4IB1300	Install Settlement Markers	736d4h	79d	45	26JUN06 A	06OCT08	26JUN06 A	08JAN09
Drainage and Ducts								
Trench Method								
S4IEA1400	DN500 PIpe & Manhole (C12 - C13)	58d		100	05DEC06 A	15MAY07 A	05DEC06 A	15MAY07 A
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	20d	20	18MAY07 A	14AUG07	18MAY07 A	06SEP07
S4IEA1600	DN500 PIpe & Manhole (C14 - C15)	45d	20d	0	14AUG07	08OCT07	07SEP07	01NOV07
S4IEA2300	DN500 PIpe & Manhole (C29 - C31)	54d	1d	70	08MAR07 A	16JUN07	08MAR07 A	16JUN07
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	1d	0	16JUN07	20AUG07	18JUN07	20AUG07
S4IEA2400	DN500 PIpe & Manhole (C32 - C34)	70d	1d	0	20AUG07	13NOV07	21AUG07	13NOV07
Geotechnical works								
S4IP1000	Monitoring of Instruments	726d	38d	39	28JUN06 A	22NOV08	28JUN06 A	08JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d	38d	34	29MAR07 A	14SEP07	29MAR07 A	31OCT07 *
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	157d	0	15JUN07 *	21JUL07	21DEC07	28JAN08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	157d	0	23JUL07	13NOV07	29JAN08	27MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	33d	-15d	0	12JUN07	23JUL07	26MAY07	05JUL07
S5EFA1400	Twin Rising Main DN900 (ChA400 - ChA450)	32d	-15d	60	10APR07 A	12JUN07	10APR07 A	24MAY07
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	32d	-15d	0	23JUL07	29AUG07	06JUL07	11AUG07
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	33d	-16d	0	24JUL07	31AUG07	05JUL07	11AUG07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	33d	-16d	0	13JUN07	24JUL07	24MAY07	04JUL07
S5EFA2400	Twin Rising Main DN900 (ChA900 - ChA950)	33d	-16d	60	02APR07 A	13JUN07	02APR07 A	23MAY07
S5EFA2800	Twin Rising Main DN900 (ChA1100 - ChA1150)	33d	44d	0	30JUL07	06SEP07	20SEP07	31OCT07 *
S5EFA2900	Twin Rising Main DN900 (ChA1150 - ChA1200)	32d	44d	0	21JUN07	30JUL07	14AUG07	19SEP07
S5EFA3000	Twin Rising Main DN900 (ChA1200 - ChA1250)	33d	44d	40	16MAY07 A	21JUN07	16MAY07 A	13AUG07
S5EFA3100	Twin Rising Main DN900 (ChA1250 - ChA1300)	33d		100	10APR07 A	12MAY07 A	10APR07 A	12MAY07 A
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	33d	6d	0	04AUG07	12SEP07	13AUG07	19SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	32d	6d	0	27JUN07	04AUG07	06JUL07	11AUG07
S5EFA3700	Twin Rising Main DN900 (ChA1550 - ChA1600)	33d	6d	25	25MAY07 A	27JUN07	25MAY07 A	05JUL07
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-71d	50	14MAY07 A	14JUN07	14MAY07 A	16MAR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	43d	47	01AUG06 A	10MAY08	01AUG06 A	30JUN08
Section 6 - Sewers in Portion J								
Portion J								
Ground Investigation								



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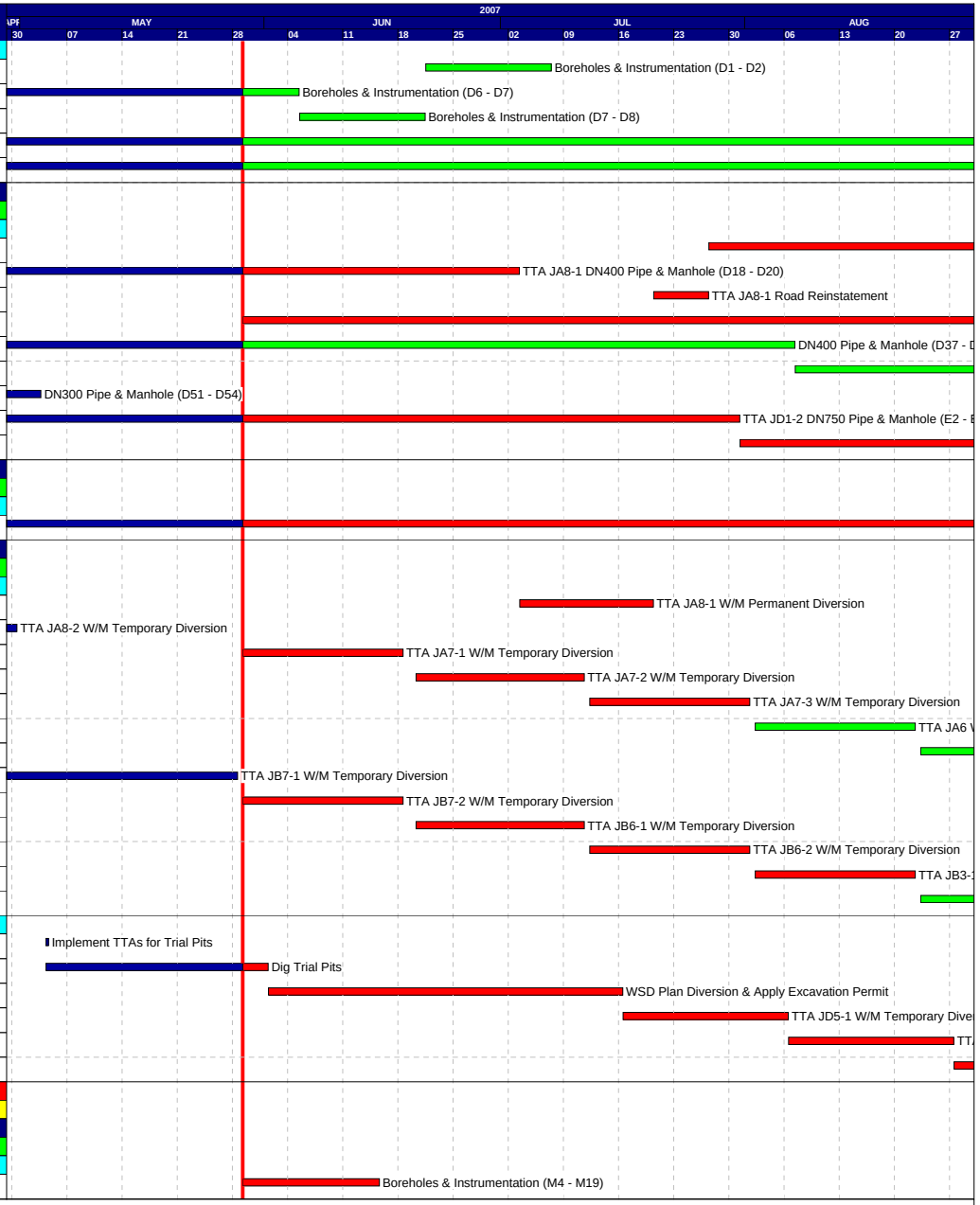
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S6JB1020	Boreholes & Instrumentation (D1 - D2)	13d	126d	0	21JUN07	07JUL07	20NOV07	04DEC07
S6JB1040	Boreholes & Instrumentation (D6 - D7)	13d	99d	50	13JUN06 A	05JUN07	13JUN06 A	02OCT07
S6JB1060	Boreholes & Instrumentation (D7 - D8)	13d	115d	0	05JUN07	21JUN07	23OCT07	06NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	58d	43	20APR06 A	11NOV08	20APR06 A	20JAN09
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	143d	42	07JUL06 A	31JUL08	07JUL06 A	20JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-276d	0	27JUL07	26OCT07	19AUG06	17NOV06
S6JEA1820	TTA JA8-1 DN400 Pipe & Manhole (D18 - D20)	81d	-276d	65	29JAN07 A	03JUL07	29JAN07 A	25JUL06
S6JEA1830	TTA JA8-1 Road Reinstatement	6d	-276d	0	20JUL07	27JUL07	12AUG06	18AUG06
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-436d	0	29MAY07	10SEP07	03DEC05	21MAR06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	65d	33	28MAR07 A	07AUG07	28MAR07 A	25OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	65d	0	07AUG07	25OCT07	25OCT07	12JAN08
S6JEA3600	DN300 Pipe & Manhole (D51 - D54)	30d		100	02JAN07 A	03MAY07 A	02JAN07 A	03MAY07 A
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-431d	5	31MAR07 A	31JUL07	31MAR07 A	13FEB06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-431d	0	31JUL07	29OCT07	14FEB06	17MAY06
Geotechnical works								
S6JP1000	Monitoring of Instruments	1220d	-389d	28	21APR06 A	10MAY10	21APR06 A	20JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1260	TTA JA8-1 W/M Permanent Diversion	15d	-276d	0	03JUL07	20JUL07	26JUL06	11AUG06
S6JV1270	TTA JA8-2 W/M Temporary Diversion	18d		100	21MAR07 A	30APR07 A	21MAR07 A	30APR07 A
S6JV1290	TTA JA7-1 W/M Temporary Diversion	18d	-143d	0	29MAY07	18JUN07	29NOV06	19DEC06
S6JV1310	TTA JA7-2 W/M Temporary Diversion	18d	-85d	0	20JUN07	11JUL07	05MAR07	24MAR07
S6JV1330	TTA JA7-3 W/M Temporary Diversion	18d	-42d	0	12JUL07	01AUG07	21MAY07	11JUN07
S6JV1350	TTA JA6 W/M Temporary Diversion	18d	7d	0	02AUG07	22AUG07	10AUG07	30AUG07
S6JV1370	TTA JA5-2 W/M Temporary Diversion	18d	65d	0	23AUG07	12SEP07	10NOV07	30NOV07
S6JV1450	TTA JB7-1 W/M Temporary Diversion	103d		100	20MAR07 A	28MAY07 A	20MAR07 A	28MAY07 A
S6JV1470	TTA JB7-2 W/M Temporary Diversion	18d	-345d	0	29MAY07	18JUN07	25MAR06	19APR06
S6JV1490	TTA JB6-1 W/M Temporary Diversion	18d	-266d	0	20JUN07	11JUL07	26JUL06	15AUG06
S6JV1510	TTA JB6-2 W/M Temporary Diversion	18d	-183d	0	12JUL07	01AUG07	24NOV06	14DEC06
S6JV1530	TTA JB3-1 W/M Temporary Diversion	18d	-99d	0	02AUG07	22AUG07	30MAR07	24APR07
S6JV1550	TTA JB3-2 W/M Temporary Diversion	18d	26d	0	23AUG07	12SEP07	22SEP07	15OCT07
Kam Sheung Road A/C Watermain (Claim No. 018)								
S6JV2430	Implement TTAs for Trial Pits	1d		100	04MAY07 A	04MAY07 A	04MAY07 A	04MAY07 A
S6JV2440	Dig Trial Pits	18d	-179d	80	04MAY07 A	01JUN07	04MAY07 A	20OCT06
S6JV2450	WSD Plan Diversion & Apply Excavation Permit	36d	-179d	0	01JUN07	16JUL07	21OCT06	02DEC06
S6JV2460	TTA JD5-1 W/M Temporary Diversion	18d	-179d	0	16JUL07	06AUG07	04DEC06	23DEC06
S6JV2480	TTA JD5-2 W/M Temporary Diversion	18d	-114d	0	06AUG07	27AUG07	17MAR07	11APR07
S6JV2500	TTA JD6 W/M Temporary Diversion	18d	-54d	0	27AUG07	17SEP07	25JUN07	16JUL07
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1020	Boreholes & Instrumentation (M4 - M19)	16d	-152d	0	29MAY07	15JUN07	18NOV06	06DEC06



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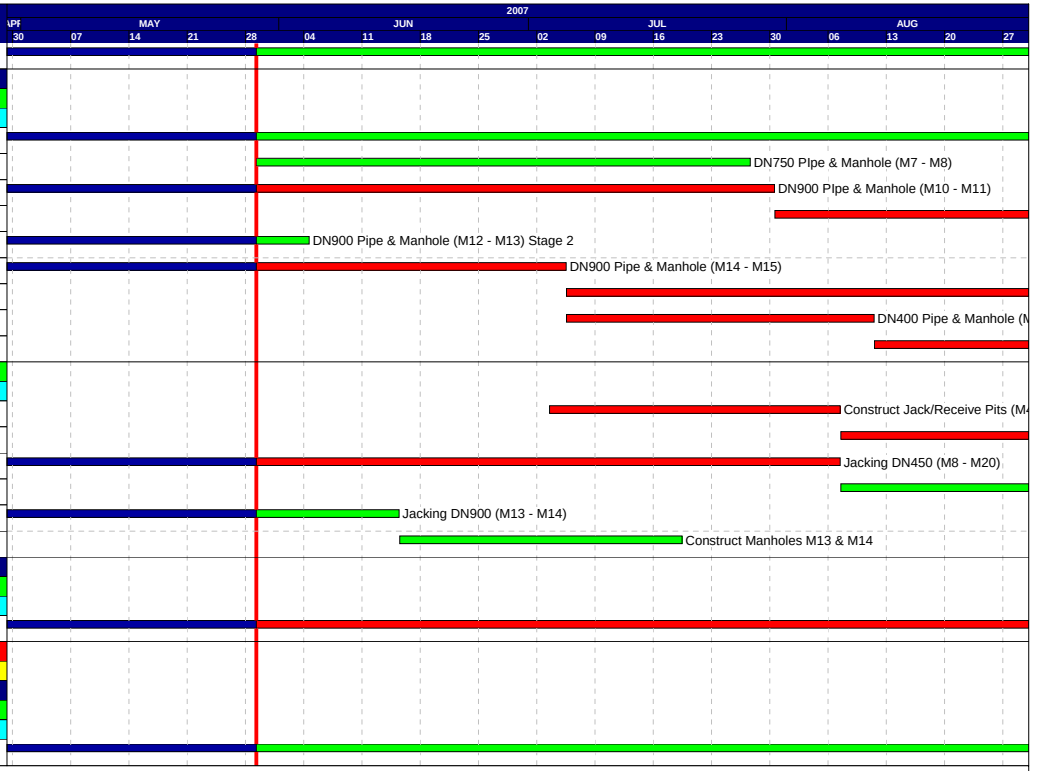
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S7KB1500	Install Settlement Markers	423d4h	53d	80	08MAY06 A	07SEP07	08MAY06 A	10NOV07
Drainage and Ducts								
Trench Method								
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	32d	20	03APR07 A	25SEP07	03APR07 A	05NOV07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	32d	0	29MAY07	27JUL07	07JUL07	03SEP07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-24d	10	23JAN07 A	30JUL07	23JAN07 A	30JUN07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-24d	0	30JUL07	03OCT07	03JUL07	03SEP07
S7KEA1710	DN900 Pipe & Manhole (M12 - M13) Stage 2	30d	130d	80	03APR07 A	04JUN07	03APR07 A	08NOV07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-37d	40	27DEC06 A	05JUL07	27DEC06 A	19MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-37d	0	05JUL07	25OCT07	21MAY07	08SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	-2d	0	05JUL07	11AUG07	04JUL07	09AUG07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	-2d	0	11AUG07	08SEP07	10AUG07	06SEP07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-165d	0	03JUL07	07AUG07	07DEC06	13JAN07
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-165d	0	07AUG07	02NOV07	15JAN07	16APR07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-165d	40	18NOV06 A	07AUG07	18NOV06 A	13JAN07
S7KEB1140	Construct Manholes M8 & M20	27d	51d	0	07AUG07	07SEP07	08OCT07	08NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	94d	68	02DEC06 A	15JUN07	02DEC06 A	06OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	94d	0	15JUN07	19JUL07	08OCT07	08NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	561d	-114d	55	24MAY06 A	02APR08	24MAY06 A	10NOV07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	885d	0	44	29JUL06 A	20JAN09	29JUL06 A	20JAN09



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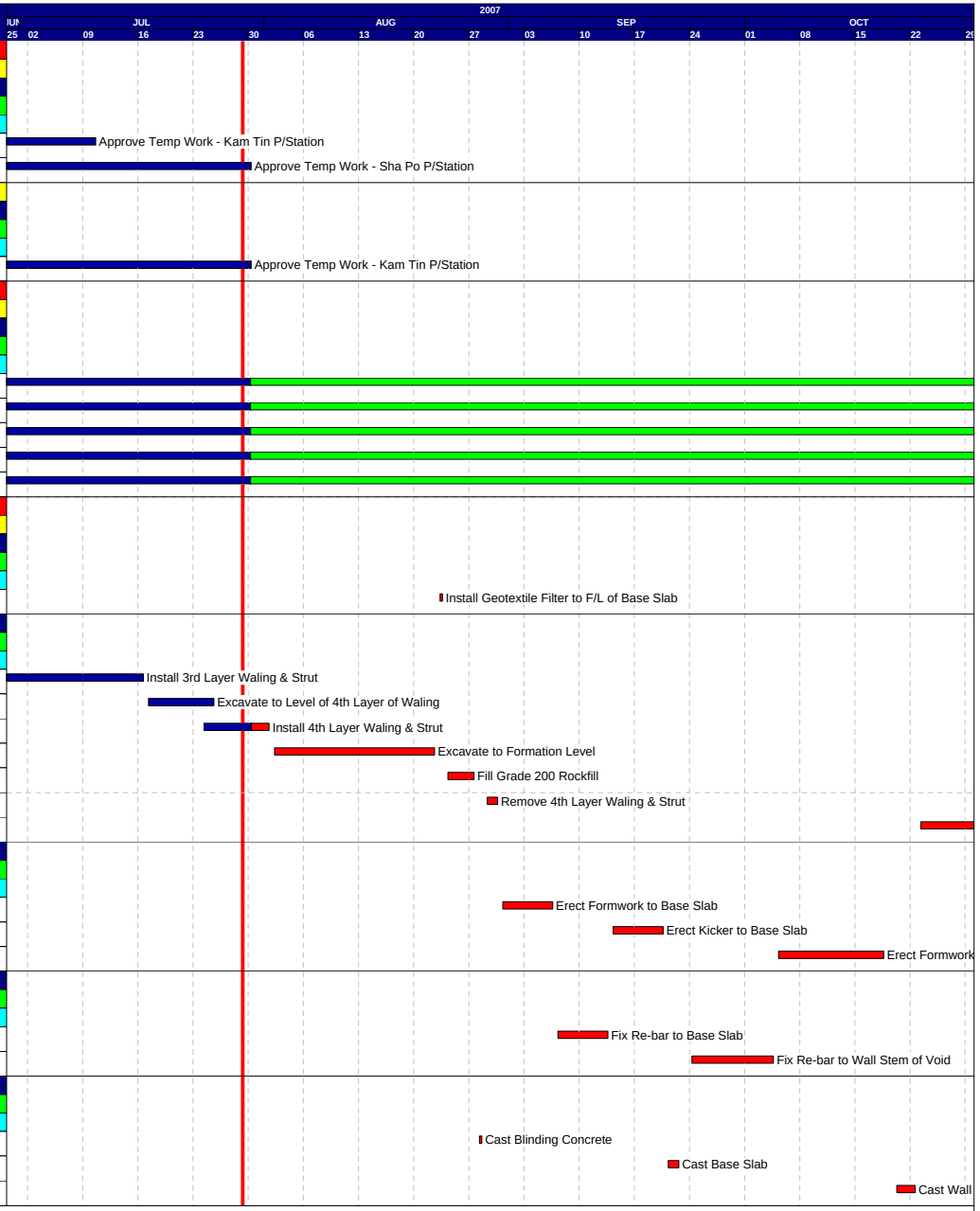
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Submission								
Design Submission								
SUN1500	Approve Temp Work - Kam Tin P/Station	6d		100	10NOV06 A	10JUL07 A	10NOV06 A	10JUL07 A
SUN1700	Approve Temp Work - Sha Po P/Station	6d	-33d	95	11JAN07 A	30JUL07	11JAN07 A	18JUN07
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d	-67d	95	10NOV06 A	30JUL07	10NOV06 A	09MAY07
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	55d	51	29APR06 A	21NOV08	29APR06 A	30JAN09
PR3100	Deliver Precast Concrete Pipe	800d	71d	53	24APR06 A	04NOV08	24APR06 A	30JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	40d	49	10APR06 A	09DEC08	10APR06 A	30JAN09
PR3400	Structural Monitoring by ISE	835d	33d	50	06APR06 A	17DEC08	06APR06 A	30JAN09
PR3500	Environmental monitoring by ET	814d	72d	54	06APR06 A	01NOV08	06APR06 A	30JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Drainage and Ducts								
Trench Method								
S1AEA1600	Install Geotextile Filter to F/L of Base Slab	1d	-67d	0	23AUG07	23AUG07	04JUN07	04JUN07
Earthworks								
S1AG1600	Install 3rd Layer Waling & Strut	4d		100	23JUN07 A	16JUL07 A	23JUN07 A	16JUL07 A
S1AG1700	Excavate to Level of 4th Layer of Waling	14d		100	17JUL07 A	25JUL07 A	17JUL07 A	25JUL07 A
S1AG1800	Install 4th Layer Waling & Strut	4d	-67d	30	24JUL07 A	01AUG07	24JUL07 A	11MAY07
S1AG2100	Excavate to Formation Level	18d	-67d	0	02AUG07	22AUG07	12MAY07	02JUN07
S1AG2200	Fill Grade 200 Rockfill	3d	-67d	0	24AUG07	27AUG07	05JUN07	07JUN07
S1AG2250	Remove 4th Layer Waling & Strut	2d	-67d	0	29AUG07	30AUG07	09JUN07	11JUN07
S1AG2300	Backfill inside Void	9d	-67d	0	23OCT07	01NOV07	02AUG07	11AUG07
Formwork								
S1AJ1000	Erect Formwork to Base Slab	6d	-67d	0	31AUG07	06SEP07	12JUN07	18JUN07
S1AJ1100	Erect Kicker to Base Slab	6d	-67d	0	14SEP07	20SEP07	27JUN07	04JUL07
S1AJ1200	Erect Formwork to Wall Stem of Void	12d	-67d	0	05OCT07	18OCT07	17JUL07	30JUL07
Steel Reinforcement								
S1AK1000	Fix Re-bar to Base Slab	6d	-67d	0	07SEP07	13SEP07	20JUN07	26JUN07
S1AK1100	Fix Re-bar to Wall Stem of Void	8d	-67d	0	24SEP07	04OCT07	07JUL07	16JUL07
In-Situ Concrete								
S1AL1000	Cast Blinding Concrete	1d	-67d	0	28AUG07	28AUG07	08JUN07	08JUN07
S1AL1100	Cast Base Slab	2d	-67d	0	21SEP07	22SEP07	05JUL07	06JUL07
S1AL1200	Cast Wall Stem of Void	2d	-67d	0	20OCT07	22OCT07	31JUL07	01AUG07



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Early bar
Progress bar
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Start milestone point
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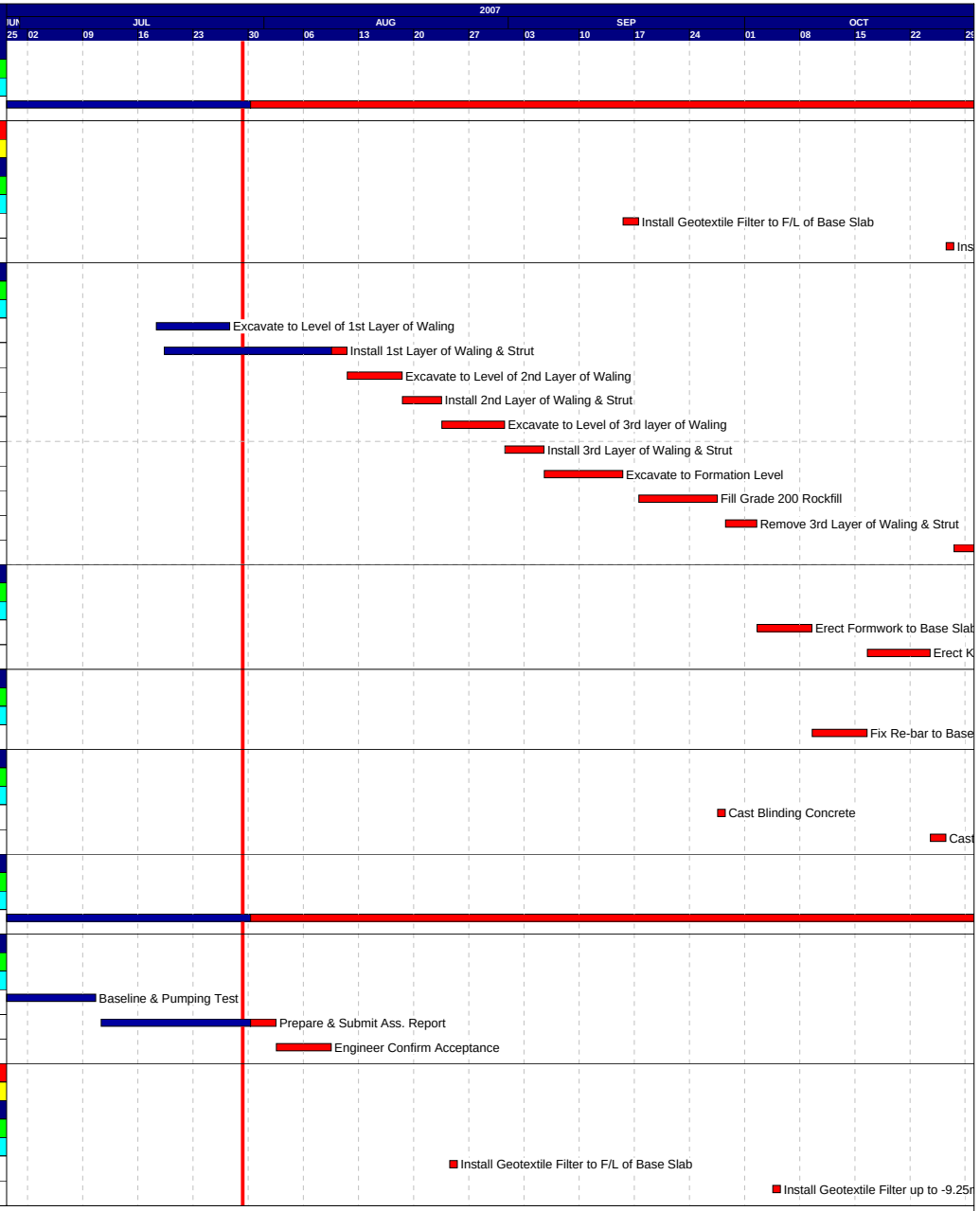
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Geotechnical works								
S1AP1000	Monitoring of Instruments	525d	-41d	39	16NOV06 A	23AUG08	16NOV06 A	05JUL08
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Drainage and Ducts								
Trench Method								
S2BEA1400	Install Geotextile Filter to F/L of Base Slab	1d	-43d	0	15SEP07	17SEP07	28JUL07	28JUL07
S2BEA1450	Install Geotextile Filter uo to -2.87mPD	1d	-43d	0	26OCT07	27OCT07	04SEP07	04SEP07
Earthworks								
S2BG1100	Excavate to Level of 1st Layer of Waling	3d		100	18JUL07 A	27JUL07 A	18JUL07 A	27JUL07 A
S2BG1200	Install 1st Layer of Waling & Strut	4d	-43d	50	19JUL07 A	11AUG07	19JUL07 A	21JUN07
S2BG1300	Excavate to Level of 2nd Layer of Waling	6d	-43d	0	11AUG07	18AUG07	22JUN07	28JUN07
S2BG1400	Install 2nd Layer of Waling & Strut	4d	-43d	0	18AUG07	23AUG07	29JUN07	04JUL07
S2BG1500	Excavate to Level of 3rd layer of Waling	7d	-43d	0	23AUG07	31AUG07	05JUL07	12JUL07
S2BG1600	Install 3rd Layer of Waling & Strut	4d	-43d	0	31AUG07	05SEP07	13JUL07	17JUL07
S2BG1700	Excavate to Formation Level	9d	-43d	0	05SEP07	15SEP07	18JUL07	27JUL07
S2BG1800	Fill Grade 200 Rockfill	8d	-43d	0	17SEP07	27SEP07	30JUL07	07AUG07
S2BG1850	Remove 3rd Layer of Waling & Strut	2d	-43d	0	28SEP07	02OCT07	09AUG07	10AUG07
S2BG1860	Backfill to -2.87mPD	4d	-43d	0	27OCT07	01NOV07	05SEP07	08SEP07
Formwork								
S2BJ1000	Erect Formwork to Base Slab	6d	-43d	0	02OCT07	09OCT07	11AUG07	17AUG07
S2BJ1100	Erect Kicker to Base Slab	6d	-43d	0	16OCT07	24OCT07	25AUG07	31AUG07
Steel Reinforcement								
S2BK1000	Fix Re-bar to Base Slab	6d	-43d	0	09OCT07	16OCT07	18AUG07	24AUG07
In-Situ Concrete								
S2BL1000	Cast Blinding Concrete	1d	-43d	0	27SEP07	28SEP07	08AUG07	08AUG07
S2BL1100	Cast Base Slab	2d	-43d	0	24OCT07	26OCT07	01SEP07	03SEP07
Geotechnical works								
S2BP1000	Monitoring of Instruments	414d	-17d	30	26FEB07 A	19JUL08	26FEB07 A	28JUN08
Additonal Works / Disruption								
Pumping Test at SP P/S (Claim No. 022)								
S2BV1080	Baseline & Pumping Test	15d		100	27JUN07 A	10JUL07 A	27JUN07 A	10JUL07 A
S2BV1090	Prepare & Submit Ass. Report	12d	-43d	70	11JUL07 A	02AUG07	11JUL07 A	11JUN07
S2BV1100	Engineer Confirm Acceptance	6d	-43d	0	02AUG07	09AUG07	12JUN07	18JUN07
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-169d	0	24AUG07	25AUG07	27JAN07	27JAN07
S3CEA1750	Install Geotextile Filter up to -9.25mPD	1d	-169d	0	04OCT07	05OCT07	10MAR07	10MAR07



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Early bar
Progress bar
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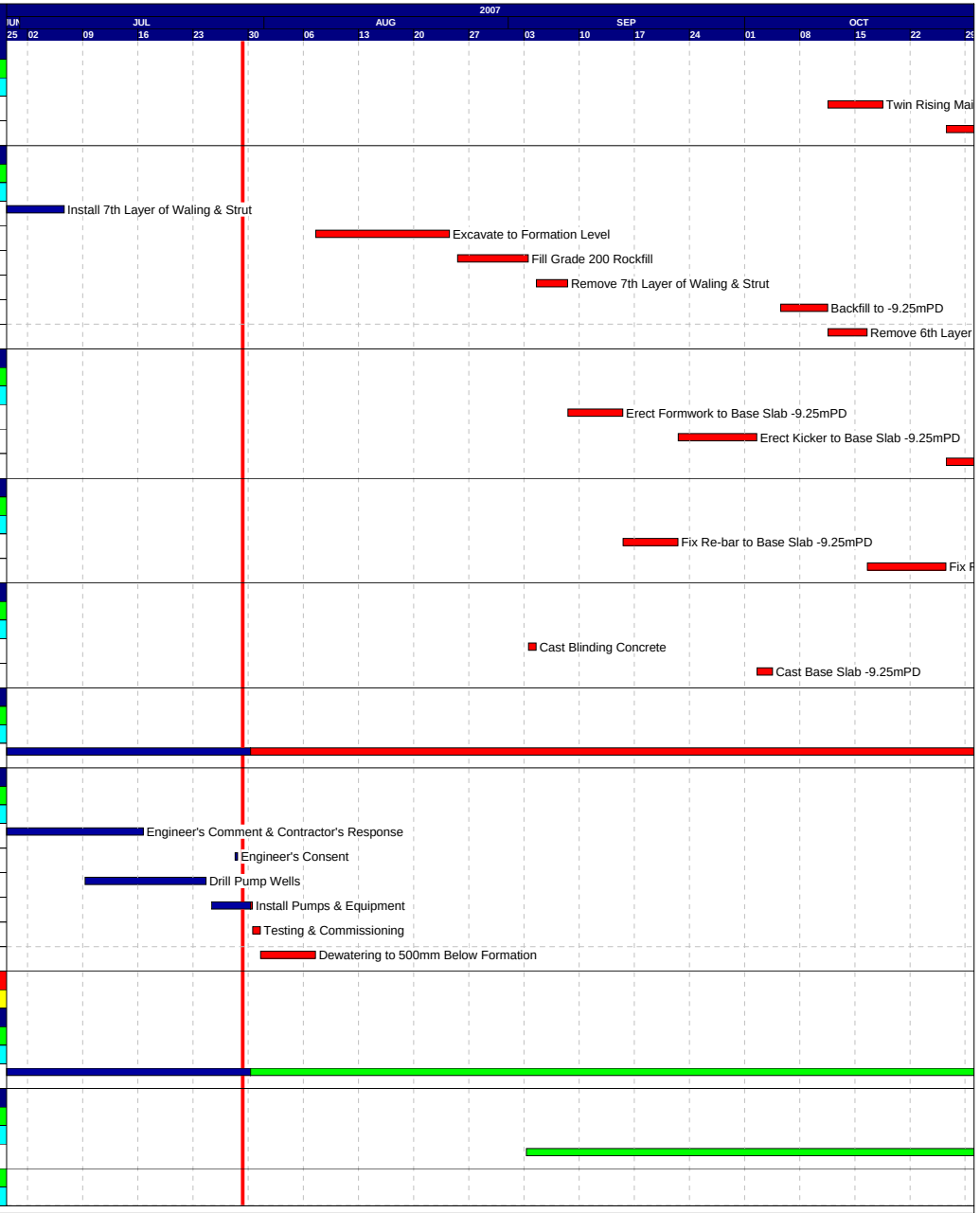
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-155d	0	11OCT07	18OCT07	03APR07	13APR07
S3CFA1100	Twin Rising Main DN900 in Structure	4d	-161d	0	26OCT07	31OCT07	14APR07	18APR07
Earthworks								
S3CG2220	Install 7th Layer of Waling & Strut	4d		100	12JUN07 A	06JUL07 A	12JUN07 A	06JUL07 A
S3CG2300	Excavate to Formation Level	15d	-169d	0	07AUG07	24AUG07	10JAN07	26JAN07
S3CG2400	Fill Grade 200 Rockfill	7d	-169d	0	25AUG07	03SEP07	29JAN07	05FEB07
S3CG2420	Remove 7th Layer of Waling & Strut	4d	-169d	0	04SEP07	08SEP07	07FEB07	10FEB07
S3CG2450	Backfill to -9.25mPD	5d	-169d	0	05OCT07	11OCT07	12MAR07	16MAR07
S3CG2470	Remove 6th Layer of Waling & Strut	4d	-169d	0	11OCT07	16OCT07	17MAR07	21MAR07
Formwork								
S3CJ1000	Erect Formwork to Base Slab -9.25mPD	6d	-169d	0	08SEP07	15SEP07	12FEB07	21FEB07
S3CJ1100	Erect Kicker to Base Slab -9.25mPD	6d	-169d	0	22SEP07	02OCT07	01MAR07	07MAR07
S3CJ1200	Erect Formwork to -7.25mPD	12d	-169d	0	26OCT07	09NOV07	31MAR07	18APR07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab -9.25mPD	6d	-169d	0	15SEP07	22SEP07	22FEB07	28FEB07
S3CK1100	Fix Re-bar to -7.25mPD	8d	-169d	0	16OCT07	26OCT07	22MAR07	30MAR07
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-169d	0	03SEP07	04SEP07	06FEB07	06FEB07
S3CL1100	Cast Base Slab -9.25mPD	2d	-169d	0	02OCT07	04OCT07	08MAR07	09MAR07
Geotechnical works								
S3CP1000	Monitoring of Instruments	771d	-143d	50	06APR06 A	10NOV08	06APR06 A	21MAY08
Additonal Works / Disruption								
Additional Dewatering at NSW P/S (Claim No. 037)								
S3CV1420	Engineer's Comment & Contractor's Response	12d		100	28APR07 A	16JUL07 A	28APR07 A	16JUL07 A
S3CV1430	Engineer's Consent	1d		100	28JUL07 A	28JUL07 A	28JUL07 A	28JUL07 A
S3CV1440	Drill Pump Wells	14d		100	09JUL07 A	24JUL07 A	09JUL07 A	24JUL07 A
S3CV1450	Install Pumps & Equipment	6d	-169d	90	25JUL07 A	30JUL07	25JUL07 A	30DEC06
S3CV1460	Testing & Commissioning	1d	-169d	0	30JUL07	31JUL07	02JAN07	02JAN07
S3CV1470	Dewatering to 500mm Below Formation	6d	-169d	0	31JUL07	07AUG07	03JAN07	09JAN07
Section 4 - Sewers & RM in Portion D, F, G, H, I								
Portion D								
Ground Investigation								
S4DB1300	Install Settlement Markers	589d4h	254d	68	31OCT06 A	14MAR08	31OCT06 A	17JAN09
Pipework - Rising Main								
Trench Method								
S4DFA1100	Twin Rising Main DN900 (ChA1850- WOIC1)	101d	101d	0	03SEP07	04JAN08	05JAN08	10MAY08
Trenchless Method								



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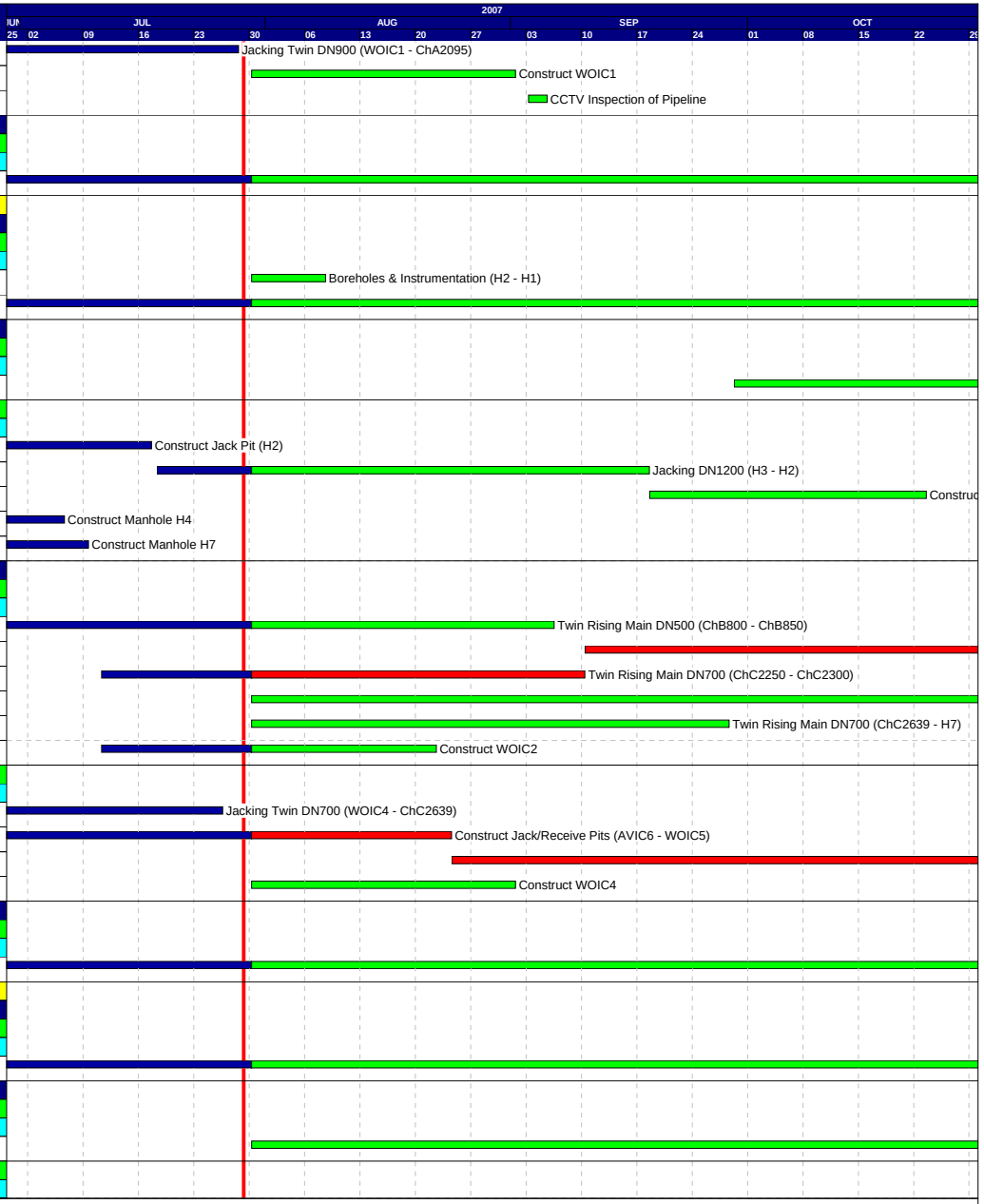
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4DFB1020	Jacking Twin DN900 (WOIC1 - ChA2095)	131d		100	29MAR07 A	28JUL07 A	29MAR07 A	28JUL07 A
S4DFB1100	Construct WOIC1	30d	101d	0	30JUL07	01SEP07	28NOV07	04JAN08
S4DFB1200	CCTV Inspection of Pipeline	3d	396d	0	03SEP07	05SEP07	31DEC08	03JAN09
Geotechnical works								
S4DP1000	Monitoring of Instruments	556d	102d	39	02NOV06 A	16SEP08	02NOV06 A	17JAN09
Portion F								
Ground Investigation								
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	45d	0	30JUL07	08AUG07	20SEP07	02OCT07
S4FB1500	Install Settlement Markers	730d4h	115d	55	27APR06 A	30AUG08	27APR06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4FEA1000	DN900 Pipe & Manhole (H8 - H7) 1st Stage	53d	162d	0	29SEP07	01DEC07	19APR08	21JUN08
Trenchless Method								
S4FEB1100	Construct Jack Pit (H2)	30d		100	02JUN07 A	17JUL07 A	02JUN07 A	17JUL07 A
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	40d	5	18JUL07 A	18SEP07	18JUL07 A	07NOV07
S4FEB1140	Construct Manhole H3	27d	338d	0	18SEP07	23OCT07	08NOV08	09DEC08
S4FEB1240	Construct Manhole H4	27d		100	29MAY07 A	06JUL07 A	29MAY07 A	06JUL07 A
S4FEB1540	Construct Manhole H7	34d4h		100	13MAR07 A	09JUL07 A	13MAR07 A	09JUL07 A
Pipework - Rising Main								
Trench Method								
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d	286d	40	01JUN07 A	06SEP07	01JUN07 A	23AUG08
S4FFA1800	Twin Rising Main DN700 (ChC2200 - ChC2250)	45d	-10d	0	10SEP07	05NOV07	29AUG07	23OCT07
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	45d	-10d	30	11JUL07 A	10SEP07	11JUL07 A	28AUG07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	23d	0	30JUL07	17NOV07	25AUG07	14DEC07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	162d	0	30JUL07	28SEP07	14FEB08	18APR08
S4FFA2500	Construct WOIC2	30d	349d	30	11JUL07 A	22AUG07	11JUL07 A	24OCT08
Trenchless Method								
S4FFB1020	Jacking Twin DN700 (WOIC4 - ChC2639)	149d4h		100	25NOV06 A	26JUL07 A	25NOV06 A	26JUL07 A
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d	-23d	60	08JAN07 A	24AUG07	08JAN07 A	28JUL07
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	90d	-23d	0	24AUG07	11DEC07	30JUL07	14NOV07
S4FFB1200	Construct WOIC4	30d	86d	0	30JUL07	01SEP07	10NOV07	14DEC07
Geotechnical works								
S4FP1000	Monitoring of Instruments	774d	9d	44	05JUN06 A	07JAN09	05JUN06 A	17JAN09
Portion G								
Ground Investigation								
S4GB1500	Install Settlement Markers	748d4h	98d	54	21APR06 A	22SEP08	21APR06 A	17JAN09
Pipework - Rising Main								
Trench Method								
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	306d	0	30JUL07	07NOV07	08AUG08	17NOV08
Trenchless Method								



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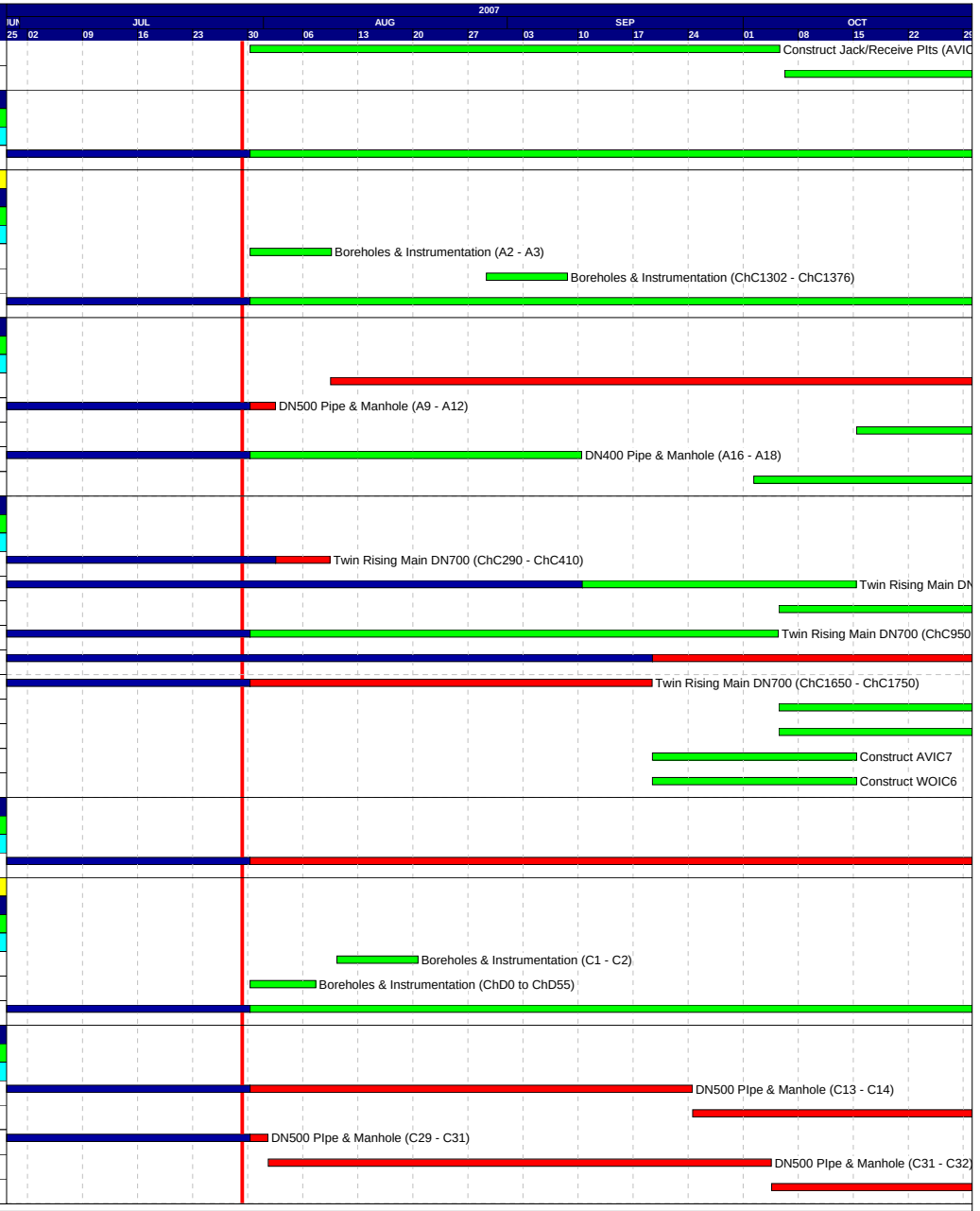
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4GFB1000	Construct Jack/Receive PIts (AVIC4 - P/S)	57d	47d	0	30JUL07	05OCT07	22SEP07	30NOV07
S4GFB1020	Jacking Twin DN500 (AVIC4 - P/S)	73d	47d	0	06OCT07	03JAN08	01DEC07	01MAR08
Geotechnical works								
S4GP1000	Monitoring of Instruments	768d	49d	49	22APR06 A	19NOV08	22APR06 A	17JAN09
Portion H								
Ground Investigation								
S4HB1020	Boreholes & Instrumentation (A2 - A3)	10d	138d	0	30JUL07	09AUG07	14JAN08	24JAN08
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	89d	0	29AUG07	08SEP07	14DEC07	27DEC07
S4HB1300	Install Settlement Markers	727d4h	118d	56	26MAY06 A	27AUG08	26MAY06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	-12d	0	09AUG07	07DEC07	27JUL07	23NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d	-12d	96	03JUL06 A	02AUG07	03JUL06 A	20JUL07
S4HEA1400	DN500 Pipe & Manhole (A14 - A16)	109d	57d	0	15OCT07	27FEB08	21DEC07	09MAY08
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	57d	50	04JUN07 A	10SEP07	04JUN07 A	19NOV07
S4HEA2000	DN300 PIpe & Manhole (B6 - B8)	44d	111d	0	02OCT07 *	22NOV07	16FEB08	11APR08
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d	-12d	87	03JUL06 A	09AUG07	03JUL06 A	26JUL07
S4HFA1500	Twin Rising Main DN700 (ChC570 - ChC660)	42d	57d	34	04JUN07 A	15OCT07	04JUN07 A	21DEC07
S4HFA1800	Twin Rising Main DN700 (ChC850 - ChC950)	125d	29d	0	05OCT07	07MAR08	09NOV07	15APR08
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	29d	35	03MAY07 A	05OCT07	03MAY07 A	09NOV07
S4HFA2500	Twin Rising Main DN700 (ChC1550 - ChC1650)	223d	-90d	9	16DEC06 A	29MAY08	16DEC06 A	04FEB08
S4HFA2600	Twin Rising Main DN700 (ChC1650 - ChC1750)	134d4h	-90d	67	19JUN06 A	19SEP07	19JUN06 A	04JUN07
S4HFA3000	Construct AVIC9	20d	134d	0	05OCT07	30OCT07	18MAR08	15APR08
S4HFA3100	Construct WOIC8	20d	134d	0	05OCT07	30OCT07	18MAR08	15APR08
S4HFA3300	Construct AVIC7	20d	93d	0	19SEP07	15OCT07	12JAN08	04FEB08
S4HFA3400	Construct WOIC6	20d	93d	0	19SEP07	15OCT07	12JAN08	04FEB08
Geotechnical works								
S4HP1000	Monitoring of Instruments	846d	-56d	41	26MAY06 A	27MAR09	26MAY06 A	17JAN09
Portion I								
Ground Investigation								
S4IB1020	Boreholes & Instrumentation (C1 - C2)	9d	279d	0	10AUG07	20AUG07	19JUL08	29JUL08
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	234d	0	30JUL07	07AUG07	14MAY08	22MAY08
S4IB1300	Install Settlement Markers	736d4h	110d	55	26JUN06 A	06SEP08	26JUN06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	-10d	40	18MAY07 A	24SEP07	18MAY07 A	12SEP07
S4IEA1600	DN500 PIpe & Manhole (C14 - C15)	45d	-10d	0	24SEP07	19NOV07	13SEP07	07NOV07
S4IEA2300	DN500 PIpe & Manhole (C29 - C31)	54d	-11d	95	08MAR07 A	01AUG07	08MAR07 A	19JUL07
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	-11d	0	01AUG07	04OCT07	20JUL07	19SEP07
S4IEA2400	DN500 PIpe & Manhole (C32 - C34)	70d	-11d	0	04OCT07	28DEC07	20SEP07	13DEC07



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Early bar
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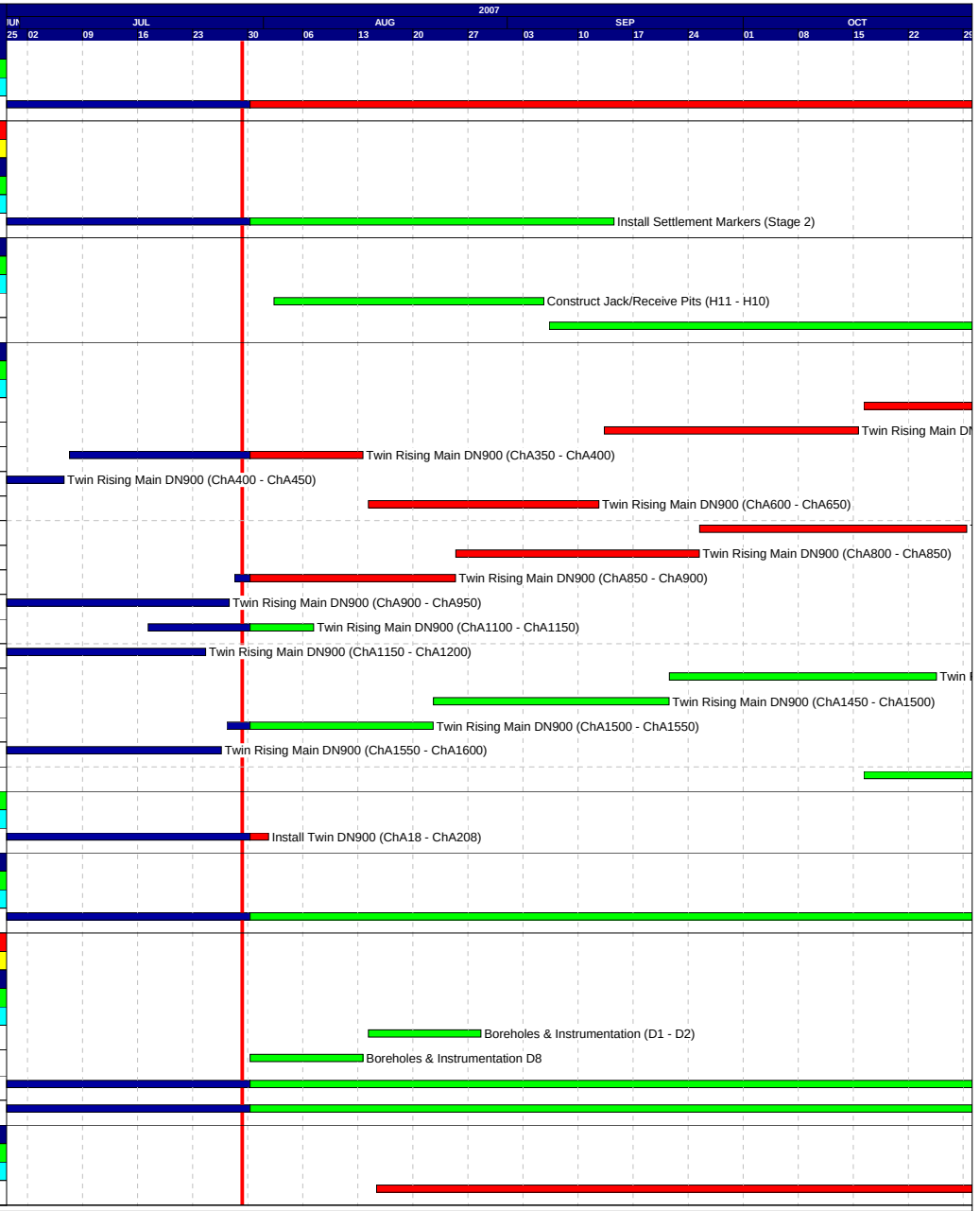
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Geotechnical works								
S4IP1000	Monitoring of Instruments	766d	-3d	42	28JUN06 A	21JAN09	28JUN06 A	17JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d	37d	71	29MAR07 A	14SEP07	29MAR07 A	31OCT07 *
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	122d	0	02AUG07 *	05SEP07	28DEC07	01FEB08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	122d	0	06SEP07	31DEC07	02FEB08	31MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1100	Twin Rising Main DN900 (ChA250 - ChA300)	26d	-13d	0	16OCT07	15NOV07	29SEP07	31OCT07 *
S5EFA1200	Twin Rising Main DN900 (ChA300 - ChA350)	26d	-13d	0	13SEP07	15OCT07	29AUG07	28SEP07
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	26d	-13d	50	07JUL07 A	13AUG07	07JUL07 A	28JUL07
S5EFA1400	Twin Rising Main DN900 (ChA400 - ChA450)	32d		100	10APR07 A	06JUL07 A	10APR07 A	06JUL07 A
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	26d	-13d	0	14AUG07	12SEP07	30JUL07	28AUG07
S5EFA2100	Twin Rising Main DN900 (ChA750 - ChA800)	26d	-23d	0	25SEP07	29OCT07	29AUG07	28SEP07
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	26d	-23d	0	25AUG07	25SEP07	30JUL07	28AUG07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	26d	-23d	10	28JUL07 A	25AUG07	28JUL07 A	28JUL07
S5EFA2400	Twin Rising Main DN900 (ChA900 - ChA950)	33d		100	02APR07 A	27JUL07 A	02APR07 A	27JUL07 A
S5EFA2800	Twin Rising Main DN900 (ChA1100 - ChA1150)	26d	71d	72	17JUL07 A	07AUG07	17JUL07 A	31OCT07 *
S5EFA2900	Twin Rising Main DN900 (ChA1150 - ChA1200)	32d		100	12JUN07 A	24JUL07 A	12JUN07 A	24JUL07 A
S5EFA3400	Twin Rising Main DN900 (ChA1400 - ChA1450)	26d	5d	0	21SEP07	25OCT07	29SEP07	31OCT07 *
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	26d	5d	0	22AUG07	21SEP07	29AUG07	28SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	26d	5d	20	27JUL07 A	22AUG07	27JUL07 A	28AUG07
S5EFA3700	Twin Rising Main DN900 (ChA1550 - ChA1600)	33d		100	25MAY07 A	26JUL07 A	25MAY07 A	26JUL07 A
S5EFA4100	Construct IC1	20d	128d	0	16OCT07	08NOV07	25MAR08	17APR08
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-96d	90	14MAY07 A	01AUG07	14MAY07 A	02APR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	47d	57	01AUG06 A	10MAY08	01AUG06 A	05JUL08
Section 6 - Sewers in Portion J								
Portion J								
Ground Investigation								
S6JB1020	Boreholes & Instrumentation (D1 - D2)	13d	89d	0	14AUG07	28AUG07	29NOV07	13DEC07
S6JB1060	Boreholes & Instrumentation D8	13d	78d	0	30JUL07	13AUG07	01NOV07	15NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	63d	50	20APR06 A	11NOV08	20APR06 A	29JAN09
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	148d	50	07JUL06 A	31JUL08	07JUL06 A	29JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-256d	0	15AUG07	14NOV07	30SEP06	02JAN07



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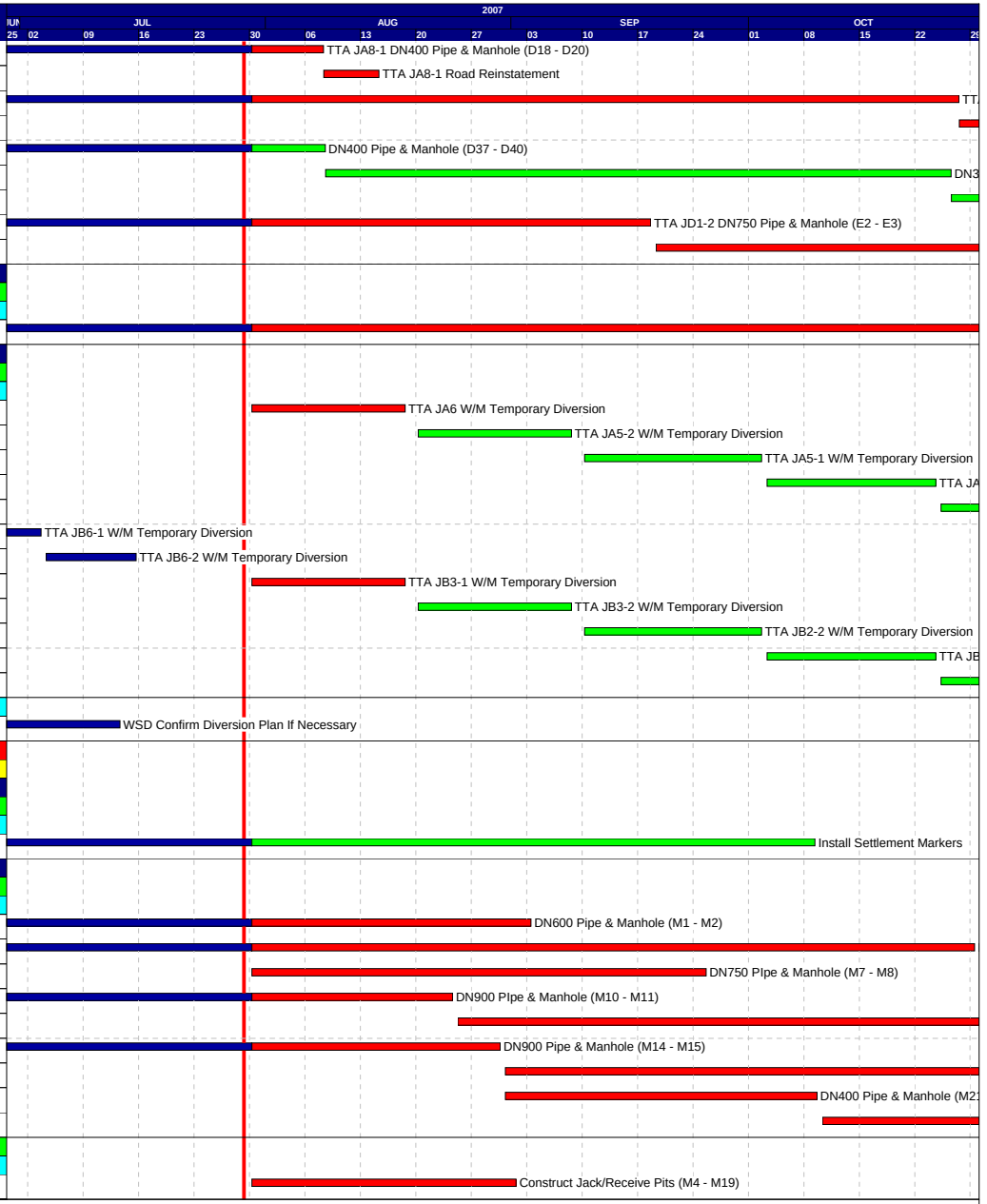
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S6JEA1820	TTA JA8-1 DN400 Pipe & Manhole (D18 - D20)	81d	-256d	90	29JAN07 A	08AUG07	29JAN07 A	22SEP06
S6JEA1830	TTA JA8-1 Road Reinstatement	6d	-256d	0	08AUG07	15AUG07	23SEP06	29SEP06
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-346d	15	06JUN07 A	27OCT07	06JUN07 A	26AUG06
S6JEA2530	TTA JB7-1 Road Reinstatement	6d	-346d	0	27OCT07	03NOV07	28AUG06	02SEP06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	69d	90	28MAR07 A	08AUG07	28MAR07 A	31OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	69d	0	08AUG07	26OCT07	31OCT07	18JAN08
S6JEA3300	DN300 Pipe & Manhole (D42 - D44)	72d	69d	0	26OCT07	22JAN08	18JAN08	19APR08
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-391d	20	31MAR07 A	18SEP07	31MAR07 A	27MAY06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-391d	0	19SEP07	17DEC07	29MAY06	24AUG06
Geotechnical works								
S6JP1000	Monitoring of Instruments	1192d	-366d	32	21APR06 A	17APR10	21APR06 A	29JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1350	TTA JA6 W/M Temporary Diversion	18d	-20d	0	30JUL07	18AUG07	06JUL07	26JUL07
S6JV1370	TTA JA5-2 W/M Temporary Diversion	18d	17d	0	20AUG07	08SEP07	08SEP07	29SEP07
S6JV1390	TTA JA5-1 W/M Temporary Diversion	18d	43d	0	10SEP07	02OCT07	02NOV07	22NOV07
S6JV1410	TTA JA4-1 W/M Temporary Diversion	18d	64d	0	03OCT07	24OCT07	18DEC07	10JAN08
S6JV1430	TTA JA4-2 W/M Temporary Diversion	18d	94d	0	25OCT07	14NOV07	19FEB08	10MAR08
S6JV1490	TTA JB6-1 W/M Temporary Diversion	18d		100	21JUN07 A	03JUL07 A	21JUN07 A	03JUL07 A
S6JV1510	TTA JB6-2 W/M Temporary Diversion	18d		100	04JUL07 A	15JUL07 A	04JUL07 A	15JUL07 A
S6JV1530	TTA JB3-1 W/M Temporary Diversion	18d	-34d	0	30JUL07	18AUG07	18JUN07	10JUL07
S6JV1550	TTA JB3-2 W/M Temporary Diversion	18d	76d	0	20AUG07	08SEP07	20NOV07	10DEC07
S6JV1570	TTA JB2-2 W/M Temporary Diversion	18d	111d	0	10SEP07	02OCT07	24JAN08	16FEB08
S6JV1590	TTA JB2-1 W/M Temporary Diversion	18d	161d	0	03OCT07	24OCT07	21APR08	12MAY08
S6JV1610	TTA JB1-1 W/M Temporary Diversion	18d	211d	0	25OCT07	14NOV07	12JUL08	01AUG08
Kam Sheung Road A/C Watermain (Claim No. 018)								
S6JV2450	WSD Confirm Diversion Plan If Necessary	36d		100	05JUN07 A	13JUL07 A	05JUN07 A	13JUL07 A
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1500	Install Settlement Markers	423d4h	37d	86	08MAY06 A	09OCT07	08MAY06 A	21NOV07
Drainage and Ducts								
Trench Method								
S7KEA1000	DN600 Pipe & Manhole (M1 - M2)	51d	-29d	40	13JUN07 A	03SEP07	13JUN07 A	31JUL07
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	-74d	40	03APR07 A	29OCT07	03APR07 A	31JUL07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	-10d	0	30JUL07	25SEP07	18JUL07	13SEP07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-37d	60	23JAN07 A	24AUG07	23JAN07 A	12JUL07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-37d	0	25AUG07	30OCT07	13JUL07	13SEP07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-76d	45	27DEC06 A	30AUG07	27DEC06 A	31MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-76d	0	31AUG07	20DEC07	01JUN07	19SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	-41d	0	31AUG07	09OCT07	14JUL07	20AUG07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	-41d	0	10OCT07	07NOV07	21AUG07	17SEP07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-127d	0	30JUL07	01SEP07	22FEB07	28MAR07



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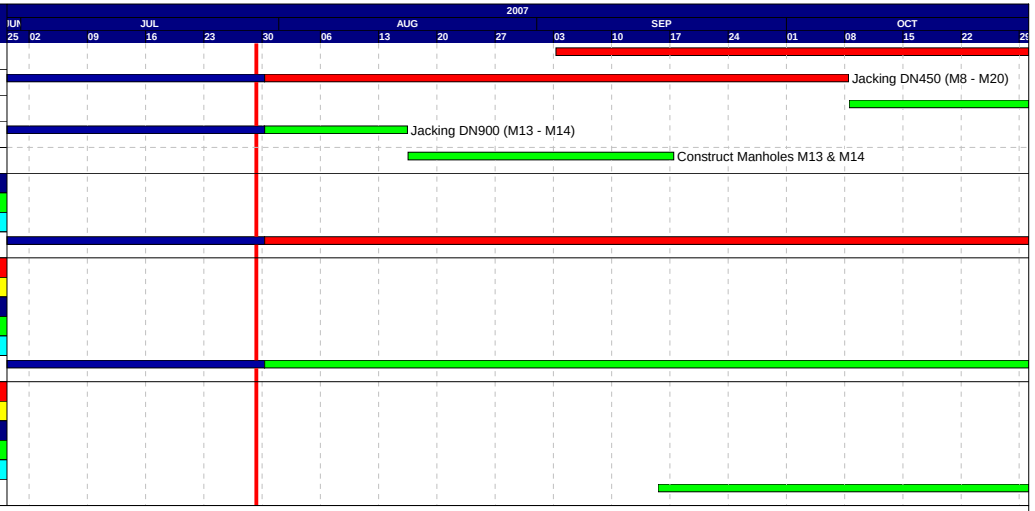
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-127d	0	03SEP07	28NOV07	29MAR07	28JUN07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-19d	40	18NOV06 A	08OCT07	18NOV06 A	13SEP07
S7KEB1140	Construct Manholes M8 & M20	27d	9d	0	08OCT07	09NOV07	18OCT07	19NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	52d	68	02DEC06 A	16AUG07	02DEC06 A	17OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	52d	0	16AUG07	17SEP07	18OCT07	19NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	569d	-122d	62	24MAY06 A	23APR08	24MAY06 A	21NOV07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	744d	0	40	29JUL06 A	29JAN09	29JUL06 A	29JAN09
Decontamination Works								
Portion B								
Decontamination								
S9BU1000	Decontamination Works	48d	183d	0	15SEP07	14NOV07	03MAY08	28JUN08



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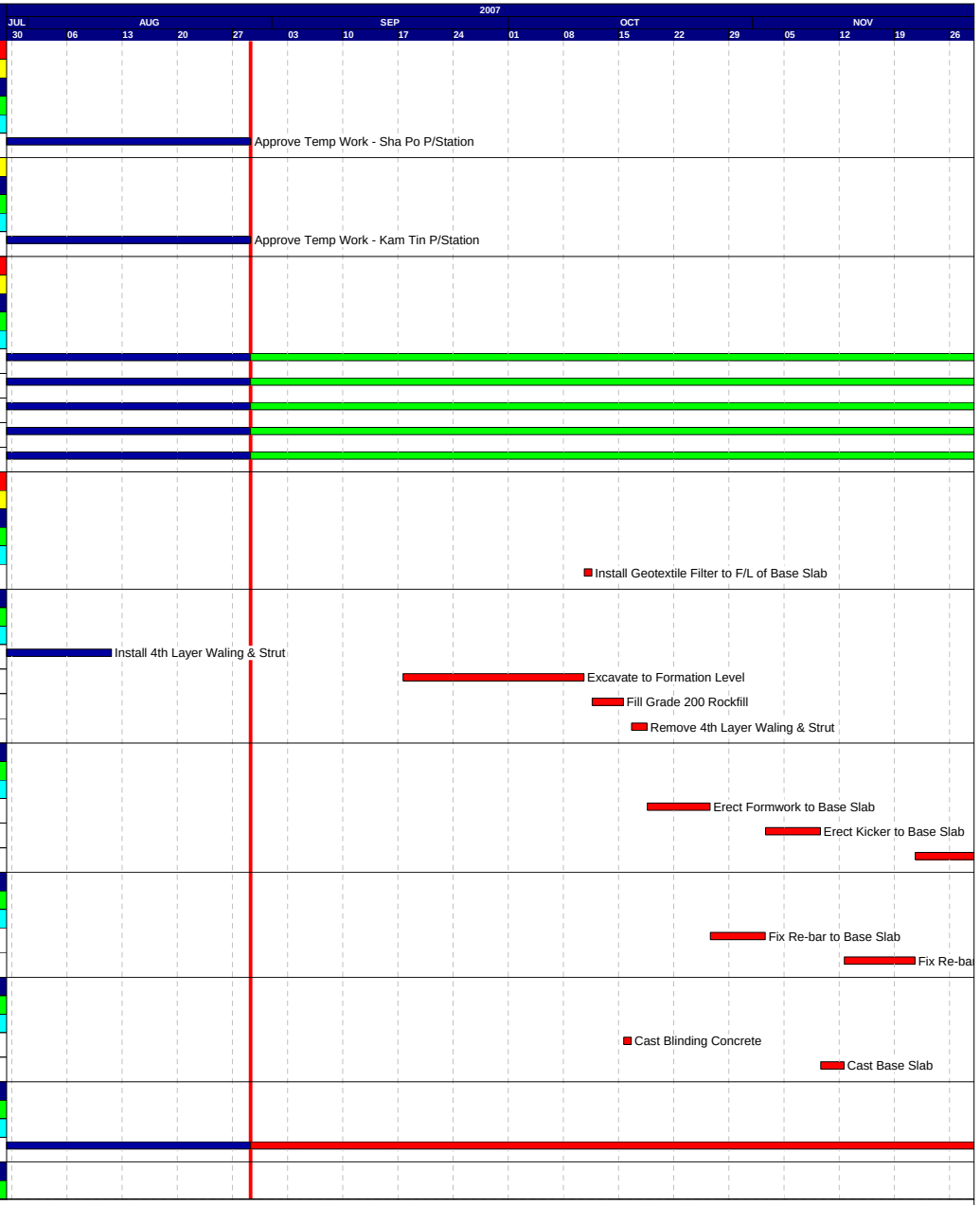
Submission								
Design Submission								
SUN1700	Approve Temp Work - Sha Po P/Station	6d	-57d	95	11JAN07 A	29AUG07	11JAN07 A	22JUN07
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d	-107d	95	10NOV06 A	29AUG07	10NOV06 A	21APR07
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	55d	54	29APR06 A	21NOV08	29APR06 A	30JAN09
PR3100	Deliver Precast Concrete Pipe	800d	70d	56	24APR06 A	04NOV08	24APR06 A	30JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	41d	52	10APR06 A	09DEC08	10APR06 A	30JAN09
PR3400	Structural Monitoring by ISE	835d	33d	53	06APR06 A	17DEC08	06APR06 A	30JAN09
PR3500	Environmental monitoring by ET	814d	72d	57	06APR06 A	01NOV08	06APR06 A	30JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Drainage and Ducts								
Trench Method								
S1AEA1600	Install Geotextile Filter to F/L of Base Slab	1d	-107d	0	10OCT07	11OCT07	04JUN07	04JUN07
Earthworks								
S1AG1800	Install 4th Layer Waling & Strut	4d		100	24JUL07 A	11AUG07 A	24JUL07 A	11AUG07 A
S1AG2100	Excavate to Formation Level	18d	-107d	0	17SEP07	10OCT07	12MAY07	02JUN07
S1AG2200	Fill Grade 200 Rockfill	3d	-107d	0	11OCT07	15OCT07	05JUN07	07JUN07
S1AG2250	Remove 4th Layer Waling & Strut	2d	-107d	0	16OCT07	18OCT07	09JUN07	11JUN07
Formwork								
S1AJ1000	Erect Formwork to Base Slab	6d	-107d	0	18OCT07	26OCT07	12JUN07	18JUN07
S1AJ1100	Erect Kicker to Base Slab	6d	-107d	0	02NOV07	09NOV07	27JUN07	04JUL07
S1AJ1200	Erect Formwork to Wall Stem of Void	12d	-107d	0	21NOV07	05DEC07	17JUL07	30JUL07
Steel Reinforcement								
S1AK1000	Fix Re-bar to Base Slab	6d	-107d	0	26OCT07	02NOV07	20JUN07	26JUN07
S1AK1100	Fix Re-bar to Wall Stem of Void	8d	-107d	0	12NOV07	21NOV07	07JUL07	16JUL07
In-Situ Concrete								
S1AL1000	Cast Blinding Concrete	1d	-107d	0	15OCT07	16OCT07	08JUN07	08JUN07
S1AL1100	Cast Base Slab	2d	-107d	0	09NOV07	12NOV07	05JUL07	06JUL07
Geotechnical works								
S1AP1000	Monitoring of Instruments	525d	-67d	39	16NOV06 A	24SEP08	16NOV06 A	05JUL08
Additonal Works / Disruption								



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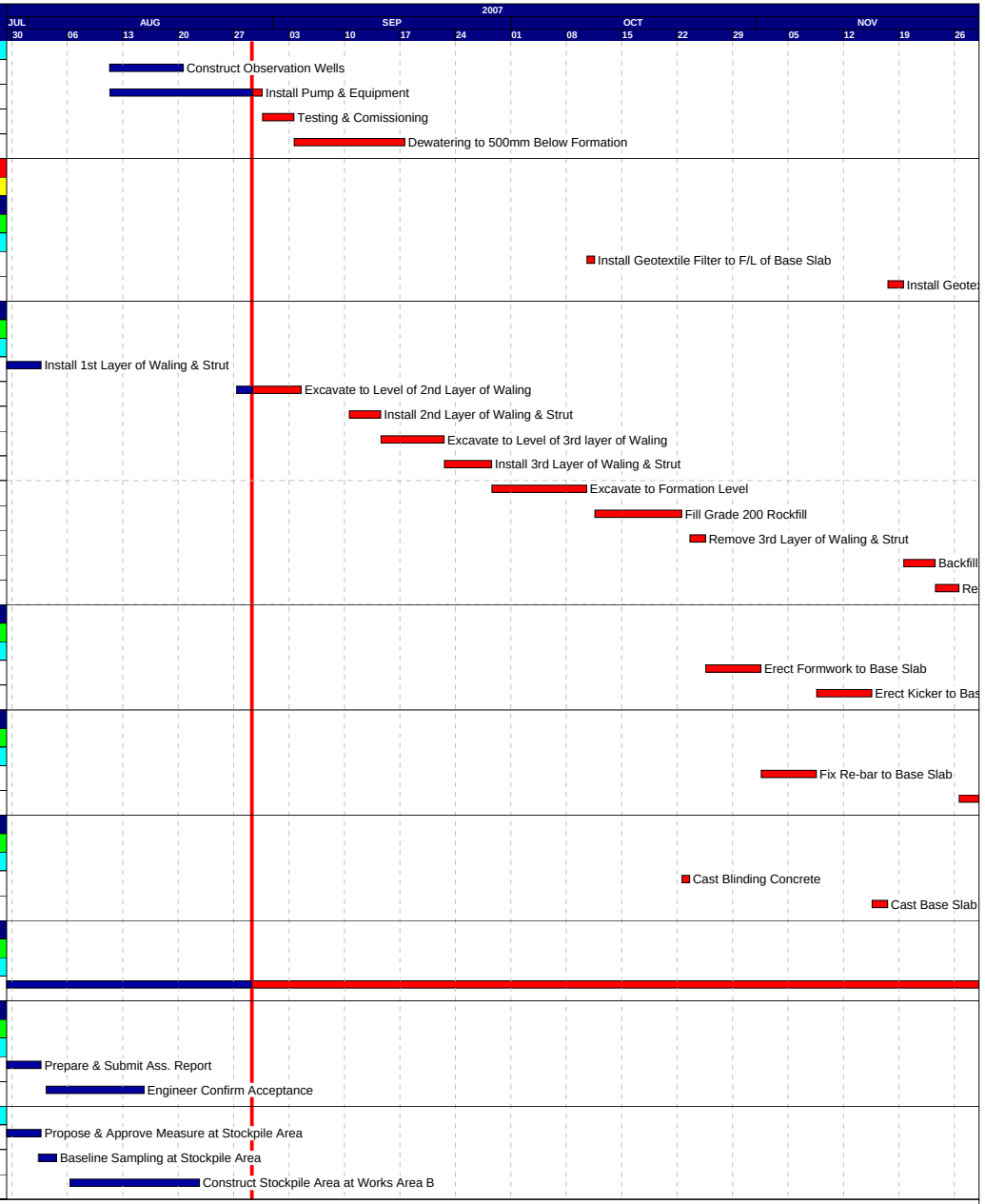
	Additional Dewatering at KT P/S (Claim No. 036)							
S1AV1200	Construct Observation Wells	8d		100	11AUG07 A	20AUG07 A	11AUG07 A	20AUG07 A
S1AV1210	Install Pump & Equipment	16d	-107d	90	11AUG07 A	30AUG07	11AUG07 A	23APR07
S1AV1220	Testing & Comissioning	3d	-107d	0	30AUG07	03SEP07	24APR07	26APR07
S1AV1230	Dewatering to 500mm Below Formation	12d	-107d	0	03SEP07	17SEP07	27APR07	11MAY07
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Drainage and Ducts								
Trench Method								
S2BEA1400	Install Geotextile Filter to F/L of Base Slab	1d	-62d	0	10OCT07	11OCT07	28JUL07	28JUL07
S2BEA1450	Install Geotextile Filter uo to -2.87mPD	1d	-62d	0	17NOV07	19NOV07	04SEP07	04SEP07
Earthworks								
S2BG1200	Install 1st Layer of Waling & Strut	4d		100	19JUL07 A	02AUG07 A	19JUL07 A	02AUG07 A
S2BG1300	Excavate to Level of 2nd Layer of Waling	6d	-57d	10	27AUG07 A	04SEP07	27AUG07 A	28JUN07
S2BG1400	Install 2nd Layer of Waling & Strut	4d	-62d	0	10SEP07	14SEP07	29JUN07	04JUL07
S2BG1500	Excavate to Level of 3rd layer of Waling	7d	-62d	0	14SEP07	22SEP07	05JUL07	12JUL07
S2BG1600	Install 3rd Layer of Waling & Strut	4d	-62d	0	22SEP07	28SEP07	13JUL07	17JUL07
S2BG1700	Excavate to Formation Level	9d	-62d	0	28SEP07	10OCT07	18JUL07	27JUL07
S2BG1800	Fill Grade 200 Rockfill	8d	-62d	0	11OCT07	22OCT07	30JUL07	07AUG07
S2BG1850	Remove 3rd Layer of Waling & Strut	2d	-62d	0	23OCT07	25OCT07	09AUG07	10AUG07
S2BG1860	Backfill to -2.87mPD	4d	-62d	0	19NOV07	23NOV07	05SEP07	08SEP07
S2BG1870	Remove 2nd Layer of Waling & Strut	2d	-62d	0	23NOV07	26NOV07	10SEP07	11SEP07
Formwork								
S2BJ1000	Erect Formwork to Base Slab	6d	-62d	0	25OCT07	01NOV07	11AUG07	17AUG07
S2BJ1100	Erect Kicker to Base Slab	6d	-62d	0	08NOV07	15NOV07	25AUG07	31AUG07
Steel Reinforcement								
S2BK1000	Fix Re-bar to Base Slab	6d	-62d	0	01NOV07	08NOV07	18AUG07	24AUG07
S2BK1100	Fix Re-bar to Wall Stem of Void	8d	-62d	0	26NOV07	05DEC07	12SEP07	20SEP07
In-Situ Concrete								
S2BL1000	Cast Blinding Concrete	1d	-62d	0	22OCT07	23OCT07	08AUG07	08AUG07
S2BL1100	Cast Base Slab	2d	-62d	0	15NOV07	17NOV07	01SEP07	03SEP07
Geotechnical works								
S2BP1000	Monitoring of Instruments	414d	-16d	36	26FEB07 A	19JUL08	26FEB07 A	28JUN08
Additonal Works / Disruption								
	Pumping Test at SP P/S (Claim No. 022)							
S2BV1090	Prepare & Submit Ass. Report	12d		100	11JUL07 A	02AUG07 A	11JUL07 A	02AUG07 A
S2BV1100	Engineer Confirm Acceptance	6d		100	03AUG07 A	15AUG07 A	03AUG07 A	15AUG07 A
	Disposal of Marine Deposit (MD) (Claim No. 048)							
S2BV1260	Propose & Approve Measure at Stockpile Area	13d		100	19JUL07 A	02AUG07 A	19JUL07 A	02AUG07 A
S2BV1270	Baseline Sampling at Stockpile Area	3d		100	02AUG07 A	04AUG07 A	02AUG07 A	04AUG07 A
S2BV1280	Construct Stockpile Area at Works Area B	15d		100	06AUG07 A	22AUG07 A	06AUG07 A	22AUG07 A



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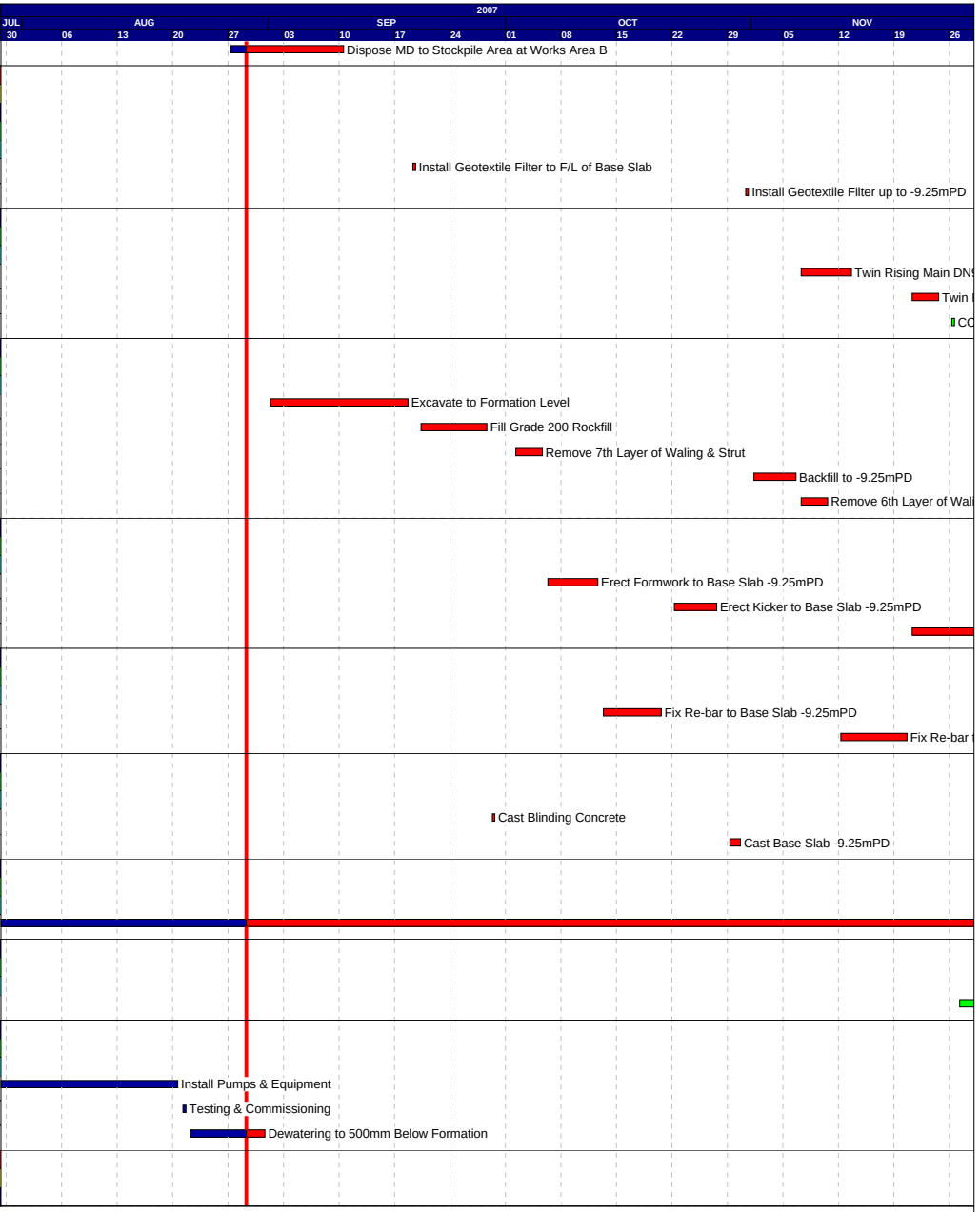
S2BV1290	Dispose MD to Stockpile Area at Works Area B	12d	-62d	10	27AUG07 A	10SEP07	27AUG07 A	28JUN07
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-190d	0	19SEP07	19SEP07	27JAN07	27JAN07
S3CEA1750	Install Geotextile Filter up to -9.25mPD	1d	-190d	0	31OCT07	31OCT07	10MAR07	10MAR07
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-176d	0	07NOV07	13NOV07	03APR07	13APR07
S3CFA1100	Twin Rising Main DN900 in Structure	4d	-182d	0	21NOV07	24NOV07	14APR07	18APR07
S3CFA1200	CCTV Inspection of Pipeline	1d	129d	0	26NOV07	26NOV07	07MAY08	07MAY08
Earthworks								
S3CG2300	Excavate to Formation Level	15d	-190d	0	01SEP07	18SEP07	10JAN07	26JAN07
S3CG2400	Fill Grade 200 Rockfill	7d	-190d	0	20SEP07	28SEP07	29JAN07	05FEB07
S3CG2420	Remove 7th Layer of Waling & Strut	4d	-190d	0	02OCT07	05OCT07	07FEB07	10FEB07
S3CG2450	Backfill to -9.25mPD	5d	-190d	0	01NOV07	06NOV07	12MAR07	16MAR07
S3CG2470	Remove 6th Layer of Waling & Strut	4d	-190d	0	07NOV07	10NOV07	17MAR07	21MAR07
Formwork								
S3CJ1000	Erect Formwork to Base Slab -9.25mPD	6d	-190d	0	06OCT07	12OCT07	12FEB07	21FEB07
S3CJ1100	Erect Kicker to Base Slab -9.25mPD	6d	-190d	0	22OCT07	27OCT07	01MAR07	07MAR07
S3CJ1200	Erect Formwork to -7.25mPD	12d	-190d	0	21NOV07	04DEC07	31MAR07	18APR07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab -9.25mPD	6d	-190d	0	13OCT07	20OCT07	22FEB07	28FEB07
S3CK1100	Fix Re-bar to -7.25mPD	8d	-190d	0	12NOV07	20NOV07	22MAR07	30MAR07
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-190d	0	29SEP07	29SEP07	06FEB07	06FEB07
S3CL1100	Cast Base Slab -9.25mPD	2d	-190d	0	29OCT07	30OCT07	08MAR07	09MAR07
Geotechnical works								
S3CP1000	Monitoring of Instruments	771d	-143d	54	06APR06 A	10NOV08	06APR06 A	21MAY08
Testing								
S3CS1000	Pressure Testing to Twin Rising Main DN900	12d	129d	0	27NOV07	10DEC07	08MAY08	21MAY08
Additonal Works / Disruption								
Additional Dewatering at NSW P/S (Claim No. 037)								
S3CV1450	Install Pumps & Equipment	6d		100	25JUL07 A	20AUG07 A	25JUL07 A	20AUG07 A
S3CV1460	Testing & Commissioning	1d		100	21AUG07 A	21AUG07 A	21AUG07 A	21AUG07 A
S3CV1470	Dewatering to 500mm Below Formation	6d	-190d	50	22AUG07 A	31AUG07	22AUG07 A	09JAN07
Section 4 - Sewers & RM in Portion D, F, G, H, I								
Portion D								
Ground Investigation								



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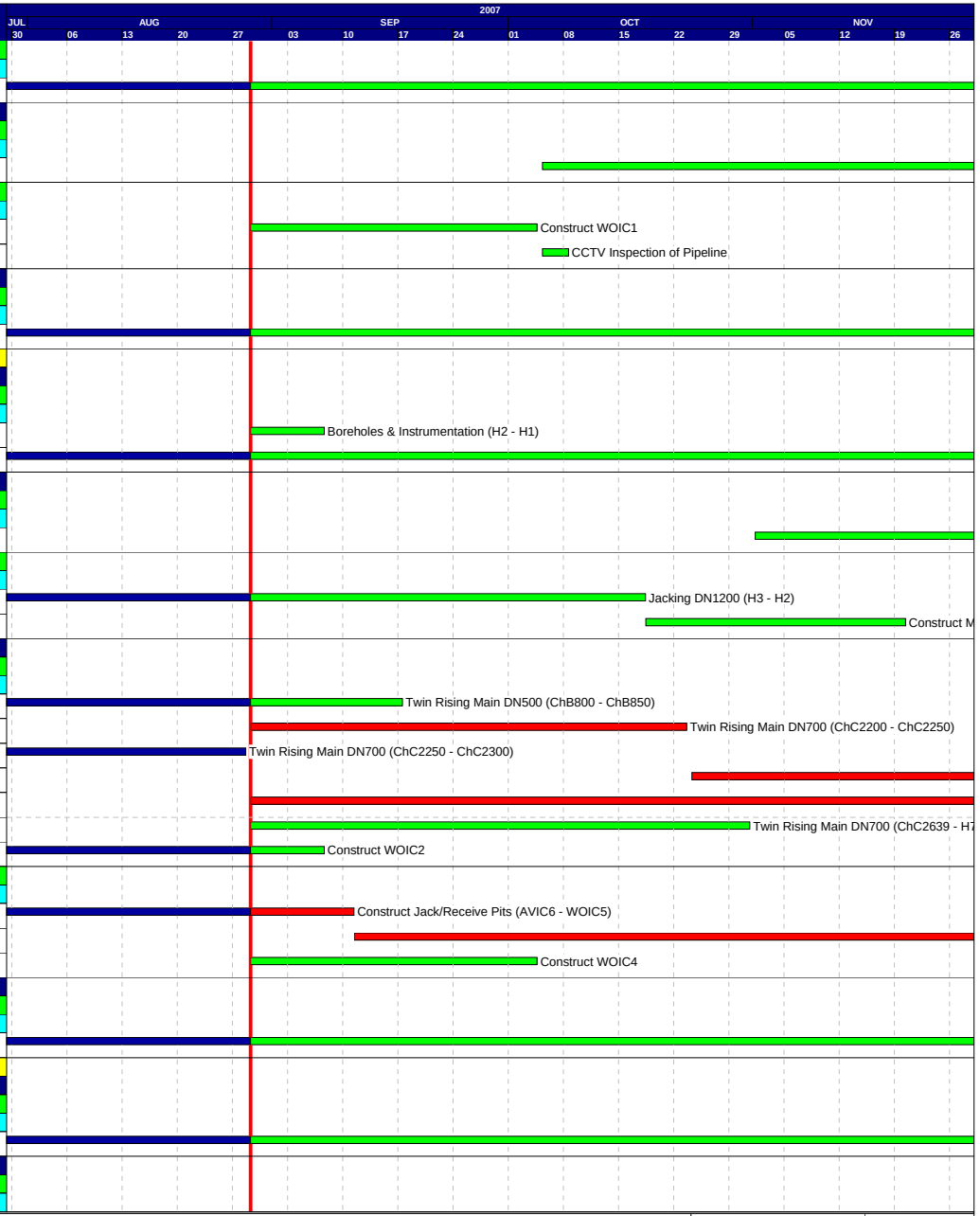
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4DB1300	Install Settlement Markers	589d4h	254d	73	31OCT06 A	14MAR08	31OCT06 A	17JAN09
Pipework - Rising Main								
Trench Method								
S4DFA1100	Twin Rising Main DN900 (ChA1850- WOIC1)	101d	75d	0	05OCT07	04FEB08	05JAN08	10MAY08
Trenchless Method								
S4DFB1100	Construct WOIC1	30d	75d	0	29AUG07	04OCT07	28NOV07	04JAN08
S4DFB1200	CCTV Inspection of Pipeline	3d	370d	0	05OCT07	08OCT07	31DEC08	03JAN09
Geotechnical works								
S4DP1000	Monitoring of Instruments	556d	103d	44	02NOV06 A	16SEP08	02NOV06 A	17JAN09
Portion F								
Ground Investigation								
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	19d	0	29AUG07	07SEP07	20SEP07	02OCT07
S4FB1500	Install Settlement Markers	730d4h	116d	59	27APR06 A	30AUG08	27APR06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4FEA1000	DN900 Pipe & Manhole (H8 - H7) 1st Stage	53d	136d	0	01NOV07	04JAN08	19APR08	21JUN08
Trenchless Method								
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	17d	10	18JUL07 A	18OCT07	18JUL07 A	07NOV07
S4FEB1140	Construct Manhole H3	27d	315d	0	18OCT07	20NOV07	08NOV08	09DEC08
Pipework - Rising Main								
Trench Method								
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d	277d	86	01JUN07 A	17SEP07	01JUN07 A	23AUG08
S4FFA1800	Twin Rising Main DN700 (ChC2200 - ChC2250)	45d	0	0	29AUG07	23OCT07	29AUG07	23OCT07
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	45d		100	11JUL07 A	28AUG07 A	11JUL07 A	28AUG07 A
S4FFA2000	Twin Rising Main DN700 (ChC2300 - ChC2350)	45d	0	0	24OCT07	14DEC07	24OCT07	14DEC07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	-3d	0	29AUG07	18DEC07	25AUG07	14DEC07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	136d	0	29AUG07	31OCT07	14FEB08	18APR08
S4FFA2500	Construct WOIC2	30d	335d	70	11JUL07 A	07SEP07	11JUL07 A	24OCT08
Trenchless Method								
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d	-37d	80	08JAN07 A	11SEP07	08JAN07 A	28JUL07
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	90d	-37d	0	11SEP07	31DEC07	30JUL07	14NOV07
S4FFB1200	Construct WOIC4	30d	60d	0	29AUG07	04OCT07	10NOV07	14DEC07
Geotechnical works								
S4FP1000	Monitoring of Instruments	774d	8d	47	05JUN06 A	09JAN09	05JUN06 A	17JAN09
Portion G								
Ground Investigation								
S4GB1500	Install Settlement Markers	748d4h	98d	58	21APR06 A	22SEP08	21APR06 A	17JAN09
Pipework - Rising Main								
Trench Method								



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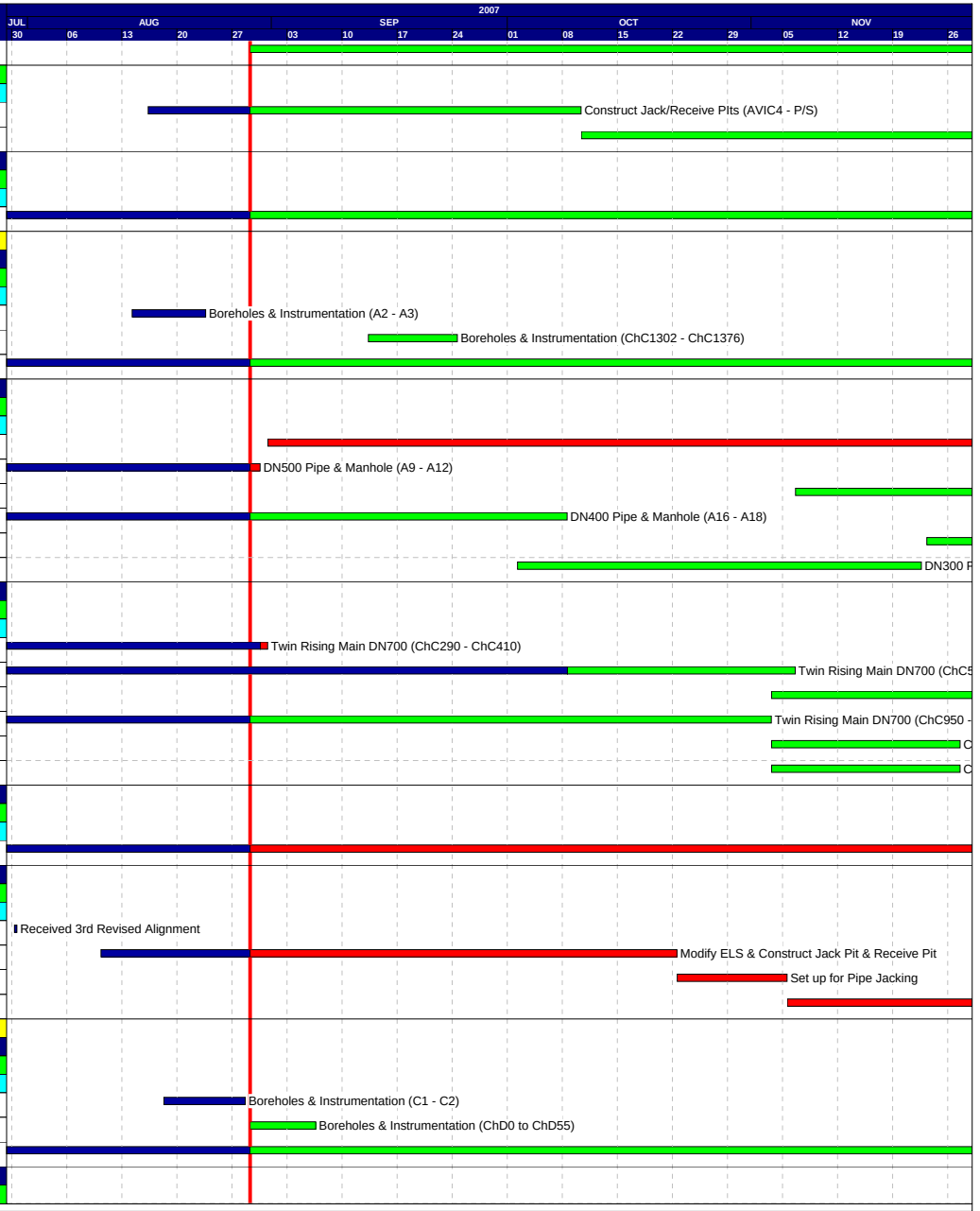
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	280d	0	29AUG07	07DEC07	08AUG08	17NOV08
Trenchless Method								
S4GFB1000	Construct Jack/Receive PIts (AVIC4 - P/S)	57d	44d	40	16AUG07 A	10OCT07	16AUG07 A	30NOV07
S4GFB1020	Jacking Twin DN500 (AVIC4 - P/S)	73d	44d	0	10OCT07	08JAN08	01DEC07	01MAR08
Geotechnical works								
S4GP1000	Monitoring of Instruments	768d	49d	52	22APR06 A	19NOV08	22APR06 A	17JAN09
Portion H								
Ground Investigation								
S4HB1020	Boreholes & Instrumentation (A2 - A3)	10d		100	14AUG07 A	23AUG07 A	14AUG07 A	23AUG07 A
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	76d	0	13SEP07	24SEP07	14DEC07	27DEC07
S4HB1300	Install Settlement Markers	727d4h	118d	59	26MAY06 A	27AUG08	26MAY06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	-31d	0	31AUG07	02JAN08	27JUL07	23NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d	-31d	98	03JUL06 A	30AUG07	03JUL06 A	26JUL07
S4HEA1400	DN500 Pipe & Manhole (A14 - A16)	109d	39d	0	06NOV07	19MAR08	21DEC07	09MAY08
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	39d	55	04JUN07 A	08OCT07	04JUN07 A	23NOV07
S4HEA1900	DN300 Pipe & Manhole (B4 - B6)	67d	111d	0	23NOV07	15FEB08	12APR08	02JUL08
S4HEA2000	DN300 PIpe & Manhole (B6 - B8)	44d	111d	0	02OCT07 *	22NOV07	16FEB08	11APR08
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d	-31d	98	03JUL06 A	31AUG07	03JUL06 A	26JUL07
S4HFA1500	Twin Rising Main DN700 (ChC570 - ChC660)	42d	39d	43	04JUN07 A	06NOV07	04JUN07 A	21DEC07
S4HFA1800	Twin Rising Main DN700 (ChC850 - ChC950)	125d	5d	0	03NOV07	09APR08	09NOV07	15APR08
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	5d	37	03MAY07 A	03NOV07	03MAY07 A	09NOV07
S4HFA3000	Construct AVIC9	20d	110d	0	03NOV07	27NOV07	18MAR08	15APR08
S4HFA3100	Construct WOIC8	20d	110d	0	03NOV07	27NOV07	18MAR08	15APR08
Geotechnical works								
S4HP1000	Monitoring of Instruments	846d	-55d	44	26MAY06 A	27MAR09	26MAY06 A	17JAN09
Additonal Works / Disruption								
Twin R/M DN700 ChC1620 - ChC1661 (Claim No. 026)								
S4HV1070	Received 3rd Revised Alignment	1d		100	30JUL07 A	30JUL07 A	30JUL07 A	30JUL07 A
S4HV1080	Modify ELS & Construct Jack Pit & Receive Pit	60d	-106d	27	10AUG07 A	22OCT07	10AUG07 A	14JUN07
S4HV1090	Set up for Pipe Jacking	12d	-106d	0	22OCT07	05NOV07	15JUN07	29JUN07
S4HV1100	Jack Twin DN1200 Sleeve Pipes	36d	-106d	0	05NOV07	17DEC07	30JUN07	11AUG07
Portion I								
Ground Investigation								
S4IB1020	Boreholes & Instrumentation (C1 - C2)	9d		100	18AUG07 A	28AUG07 A	18AUG07 A	28AUG07 A
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	208d	0	29AUG07	06SEP07	14MAY08	22MAY08
S4IB1300	Install Settlement Markers	736d4h	109d	59	26JUN06 A	06SEP08	26JUN06 A	17JAN09
Drainage and Ducts								
Trench Method								



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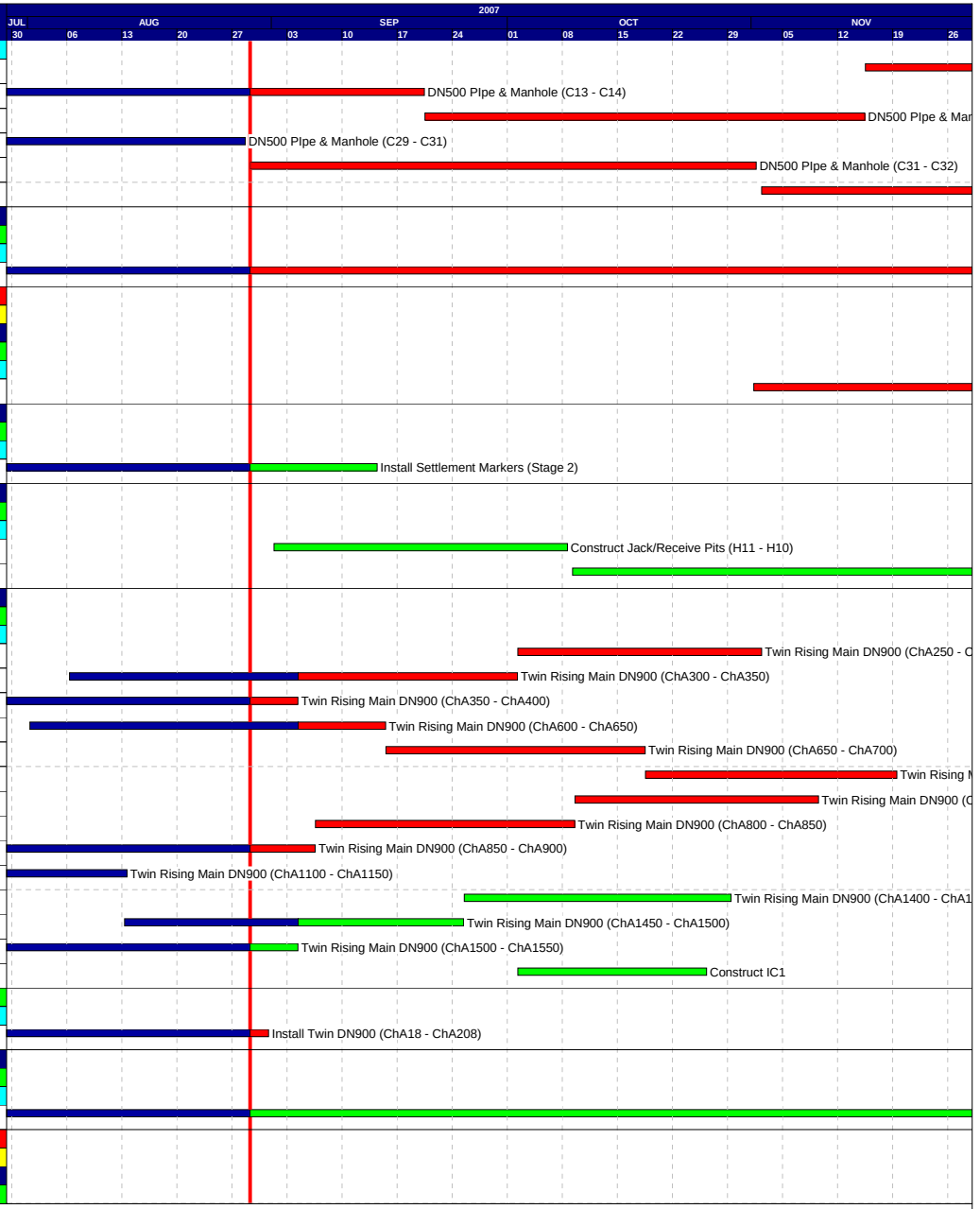
S4IEA1320	DN500 PIpe & Manhole (C10 - C12)	54d	-7d	0	15NOV07	21JAN08	08NOV07	12JAN08
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	-7d	76	18MAY07 A	20SEP07	18MAY07 A	12SEP07
S4IEA1600	DN500 PIpe & Manhole (C14 - C15)	45d	-7d	0	20SEP07	15NOV07	13SEP07	07NOV07
S4IEA2300	DN500 PIpe & Manhole (C29 - C31)	54d		100	08MAR07 A	28AUG07 A	08MAR07 A	28AUG07 A
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	-34d	0	29AUG07	01NOV07	20JUL07	19SEP07
S4IEA2400	DN500 PIpe & Manhole (C32 - C34)	70d	-34d	0	02NOV07	25JAN08	20SEP07	13DEC07
Geotechnical works								
S4IP1000	Monitoring of Instruments	766d	-3d	46	28JUN06 A	21JAN09	28JUN06 A	17JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Preliminaries								
S5EA1200	Non Work Period 01 Nov 07 - 31 Mar 08	121d	0	0	01NOV07 *	31MAR08	01NOV07	31MAR08 *
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d	38d	90	29MAR07 A	14SEP07	29MAR07 A	31OCT07 *
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	96d	0	01SEP07 *	08OCT07	28DEC07	01FEB08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	96d	0	09OCT07	31JAN08	02FEB08	31MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1100	Twin Rising Main DN900 (ChA250 - ChA300)	26d	-1d	0	02OCT07	02NOV07	29SEP07	31OCT07 *
S5EFA1200	Twin Rising Main DN900 (ChA300 - ChA350)	26d	-1d	16	06AUG07 A	02OCT07	06AUG07 A	28SEP07
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	26d	-16d	80	07JUL07 A	04SEP07	07JUL07 A	16AUG07
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	26d	-16d	60	01AUG07 A	15SEP07	01AUG07 A	28AUG07
S5EFA1900	Twin Rising Main DN900 (ChA650 - ChA700)	26d	-16d	0	15SEP07	18OCT07	29AUG07	28SEP07
S5EFA2000	Twin Rising Main DN900 (ChA700 - ChA750)	26d	-16d	0	18OCT07	19NOV07	29SEP07	31OCT07 *
S5EFA2100	Twin Rising Main DN900 (ChA750 - ChA800)	26d	-8d	0	09OCT07	09NOV07	29SEP07	31OCT07 *
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	26d	-8d	0	06SEP07	09OCT07	29AUG07	28SEP07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	26d	-8d	70	28JUL07 A	06SEP07	28JUL07 A	28AUG07
S5EFA2800	Twin Rising Main DN900 (ChA1100 - ChA1150)	26d		100	17JUL07 A	13AUG07 A	17JUL07 A	13AUG07 A
S5EFA3400	Twin Rising Main DN900 (ChA1400 - ChA1450)	26d	3d	0	25SEP07	29OCT07	29SEP07	31OCT07 *
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	26d	3d	30	13AUG07 A	25SEP07	13AUG07 A	28SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	26d	3d	80	27JUL07 A	04SEP07	27JUL07 A	06SEP07
S5EFA4100	Construct IC1	20d	140d	0	02OCT07	26OCT07	25MAR08	17APR08
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-122d	90	14MAY07 A	31AUG07	14MAY07 A	02APR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	46d	62	01AUG06 A	10MAY08	01AUG06 A	05JUL08
Section 6 - Sewers in Portion J								
Portion J								
Ground Investigation								



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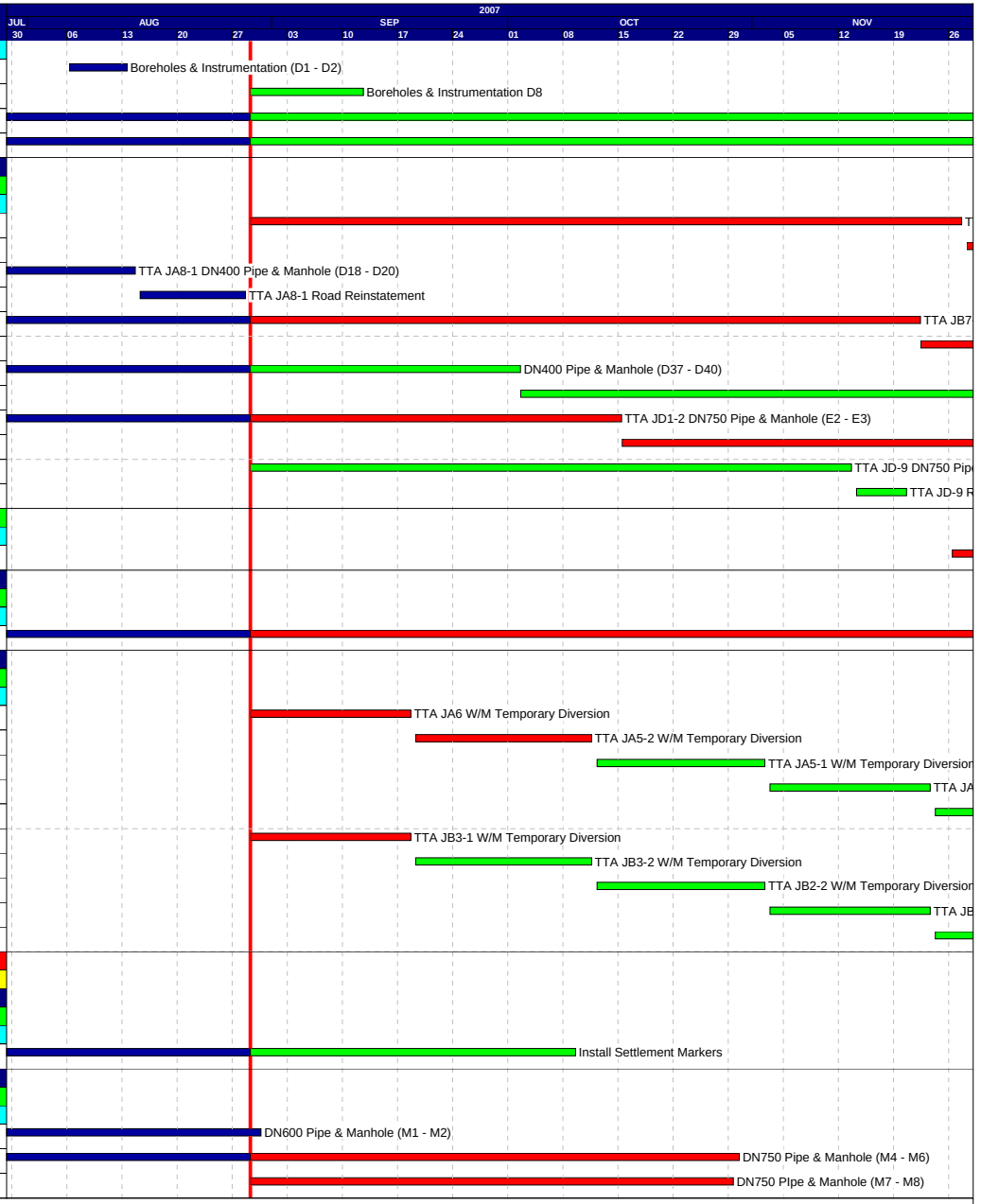
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S6JB1020	Boreholes & Instrumentation (D1 - D2)	13d		100	06AUG07 A	13AUG07 A	06AUG07 A	13AUG07 A
S6JB1060	Boreholes & Instrumentation D8	13d	52d	0	29AUG07	12SEP07	01NOV07	15NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	24d	53	20APR06 A	11NOV08	20APR06 A	09DEC08
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	149d	55	07JUL06 A	30JUL08	07JUL06 A	29JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-268d	0	29AUG07	27NOV07	30SEP06	02JAN07
S6JEA1810	TTA JA8-2 Road Reinstatement	6d	-268d	0	28NOV07	04DEC07	03JAN07	09JAN07
S6JEA1820	TTA JA8-1 DN400 Pipe & Manhole (D18 - D20)	81d		100	29JAN07 A	14AUG07 A	29JAN07 A	14AUG07 A
S6JEA1830	TTA JA8-1 Road Reinstatement	6d		100	15AUG07 A	28AUG07 A	15AUG07 A	28AUG07 A
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-367d	20	06JUN07 A	22NOV07	06JUN07 A	26AUG06
S6JEA2530	TTA JB7-1 Road Reinstatement	6d	-367d	0	22NOV07	29NOV07	28AUG06	02SEP06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	24d	68	28MAR07 A	02OCT07	28MAR07 A	31OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	24d	0	02OCT07	18DEC07	31OCT07	18JAN08
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-328d	30	31MAR07 A	15OCT07	31MAR07 A	05SEP06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-328d	0	15OCT07	14JAN08	06SEP06	04DEC06
S6JEA4700	TTA JD-9 DN750 Pipe & Manhole (E14 - E15)	63d	278d	0	29AUG07	13NOV07	06AUG08	21OCT08
S6JEA4710	TTA JD-9 Road Reinstatement	6d	278d	0	14NOV07	20NOV07	22OCT08	28OCT08
Trenchless Method								
S6JEB1100	Construct Jack/Receive Pits (D6 - D7)	28d	-37d	0	26NOV07	31DEC07	12OCT07	14NOV07
Geotechnical works								
S6JP1000	Monitoring of Instruments	1178d	-352d	34	21APR06 A	30MAR10	21APR06 A	29JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1350	TTA JA6 W/M Temporary Diversion	18d	-46d	0	29AUG07	18SEP07	06JUL07	26JUL07
S6JV1370	TTA JA5-2 W/M Temporary Diversion	18d	-9d	0	19SEP07	11OCT07	08SEP07	29SEP07
S6JV1390	TTA JA5-1 W/M Temporary Diversion	18d	17d	0	12OCT07	02NOV07	02NOV07	22NOV07
S6JV1410	TTA JA4-1 W/M Temporary Diversion	18d	38d	0	03NOV07	23NOV07	18DEC07	10JAN08
S6JV1430	TTA JA4-2 W/M Temporary Diversion	18d	68d	0	24NOV07	14DEC07	19FEB08	10MAR08
S6JV1530	TTA JB3-1 W/M Temporary Diversion	18d	-60d	0	29AUG07	18SEP07	18JUN07	10JUL07
S6JV1550	TTA JB3-2 W/M Temporary Diversion	18d	50d	0	19SEP07	11OCT07	20NOV07	10DEC07
S6JV1570	TTA JB2-2 W/M Temporary Diversion	18d	85d	0	12OCT07	02NOV07	24JAN08	16FEB08
S6JV1590	TTA JB2-1 W/M Temporary Diversion	18d	135d	0	03NOV07	23NOV07	21APR08	12MAY08
S6JV1610	TTA JB1-1 W/M Temporary Diversion	18d	185d	0	24NOV07	14DEC07	12JUL08	01AUG08
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1500	Install Settlement Markers	423d4h	36d	92	08MAY06 A	09OCT07	08MAY06 A	21NOV07
Drainage and Ducts								
Trench Method								
S7KEA1000	DN600 Pipe & Manhole (M1 - M2)	51d		100	13JUN07 A	30AUG07 A	13JUN07 A	30AUG07 A
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	-74d	60	03APR07 A	30OCT07	03APR07 A	31JUL07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	-36d	0	29AUG07	29OCT07	18JUL07	13SEP07



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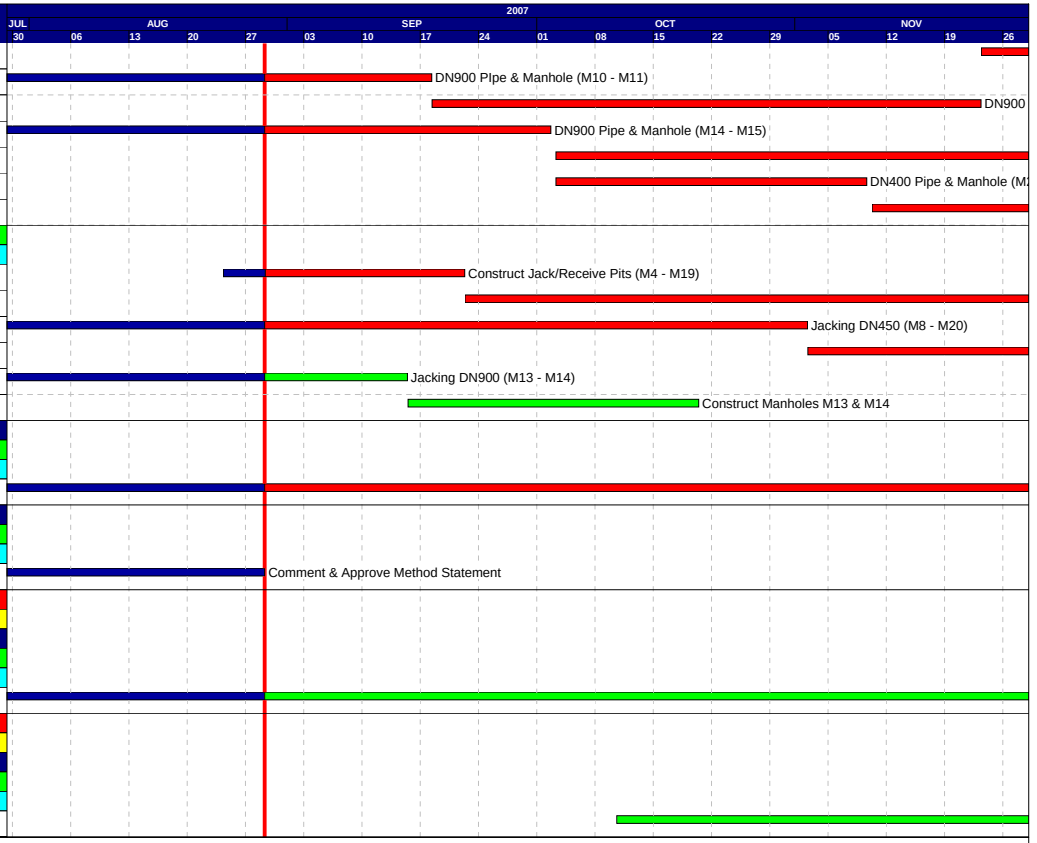
S7KEA1400	DN900 Pipe & Manhole (M8 - M10)	51d	-57d	0	23NOV07	25JAN08	14SEP07	15NOV07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-57d	70	23JAN07 A	18SEP07	23JAN07 A	12JUL07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-57d	0	18SEP07	23NOV07	13JUL07	13SEP07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-102d	45	27DEC06 A	02OCT07	27DEC06 A	31MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-102d	0	03OCT07	23JAN08	01JUN07	19SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	-67d	0	03OCT07	09NOV07	14JUL07	20AUG07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	-67d	0	10NOV07	07DEC07	21AUG07	17SEP07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-144d	30	24AUG07 A	22SEP07	24AUG07 A	28MAR07
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-144d	0	22SEP07	19DEC07	29MAR07	28JUN07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-40d	45	18NOV06 A	02NOV07	18NOV06 A	13SEP07
S7KEB1140	Construct Manholes M8 & M20	27d	-13d	0	02NOV07	04DEC07	18OCT07	19NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	26d	68	02DEC06 A	15SEP07	02DEC06 A	17OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	26d	0	15SEP07	20OCT07	18OCT07	19NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	569d	-122d	66	24MAY06 A	23APR08	24MAY06 A	21NOV07
Additonal Works / Disruption								
Conflict of Ext. Util. at M/H M4 (Claim No. 052)								
S7KV2210	Comment & Approve Method Statement	30d	-144d	90	28JUL07 A	29AUG07	28JUL07 A	03MAR07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	744d	0	43	29JUL06 A	29JAN09	29JUL06 A	29JAN09
Decontamination Works								
Portion B								
Decontamination								
S9BU1000	Decontamination Works	48d	164d	0	10OCT07	06DEC07	03MAY08	28JUN08



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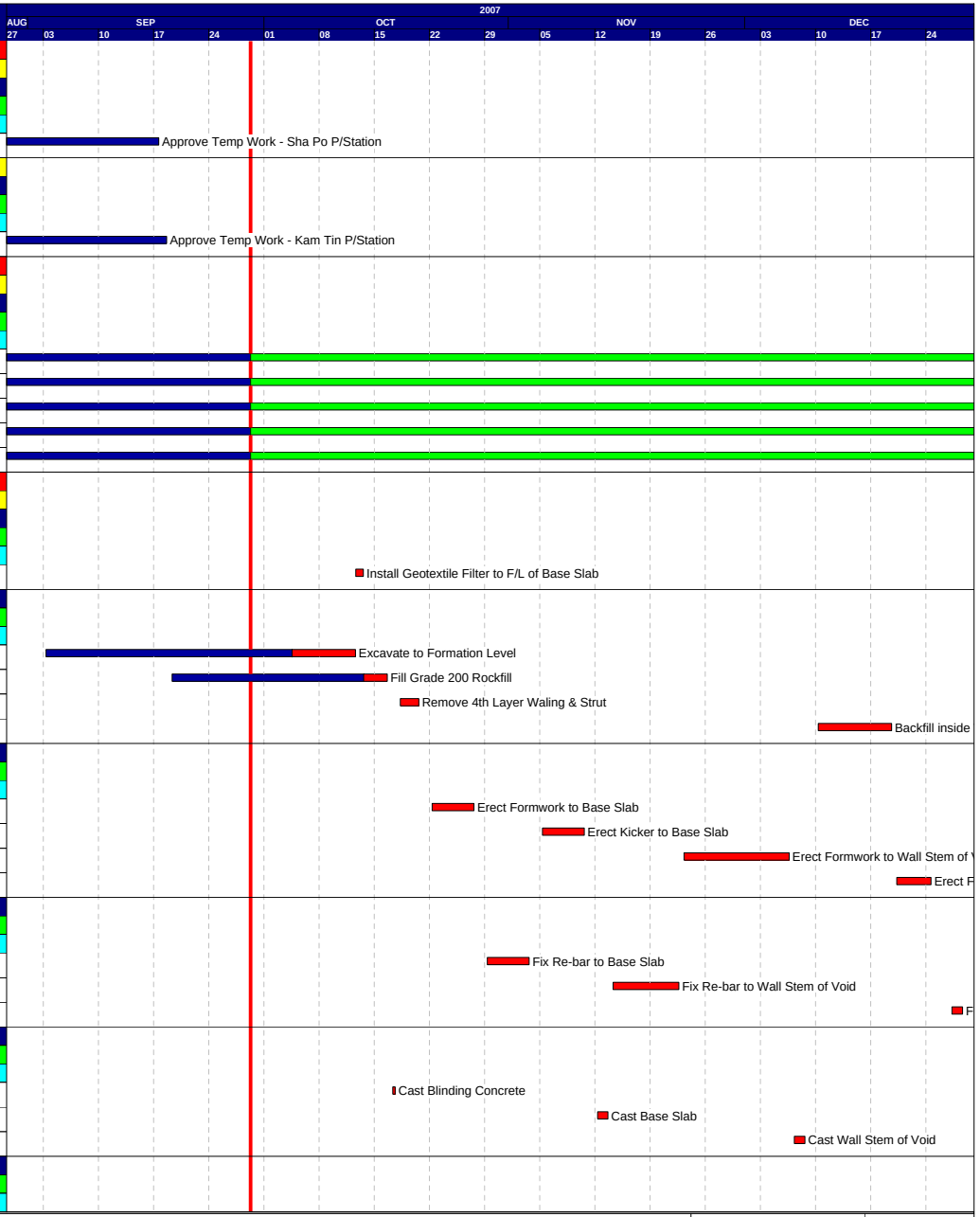
Submission								
Design Submission								
SUN1700	Approve Temp Work - Sha Po P/Station	6d		100	11JAN07 A	17SEP07 A	11JAN07 A	17SEP07 A
Method Statement Submission								
SUO1100	Approve Temp Work - Kam Tin P/Station	6d		100	10NOV06 A	18SEP07 A	10NOV06 A	18SEP07 A
Preliminaries								
PR2900	Deliver Ductile Iron Pipe	800d	55d	57	29APR06 A	21NOV08	29APR06 A	30JAN09
PR3100	Deliver Precast Concrete Pipe	800d	71d	59	24APR06 A	04NOV08	24APR06 A	30JAN09
PR3300	Deliver Vitrified Clay Pipe	800d	40d	55	10APR06 A	09DEC08	10APR06 A	30JAN09
PR3400	Structural Monitoring by ISE	835d	33d	56	06APR06 A	17DEC08	06APR06 A	30JAN09
PR3500	Environmental monitoring by ET	814d	72d	60	06APR06 A	01NOV08	06APR06 A	30JAN09
Section 1 - Kam Tin Sewage Pumping Station								
Portion A								
Drainage and Ducts								
Trench Method								
S1AEA1600	Install Geotextile Filter to F/L of Base Slab	1d	-108d	0	12OCT07	13OCT07	04JUN07	05JUN07
Earthworks								
S1AG2100	Excavate to Formation Level	18d	-108d	60	03SEP07 A	12OCT07	03SEP07 A	04JUN07
S1AG2200	Fill Grade 200 Rockfill	3d	-108d	30	19SEP07 A	16OCT07	19SEP07 A	07JUN07
S1AG2250	Remove 4th Layer Waling & Strut	2d	-108d	0	18OCT07	20OCT07	09JUN07	11JUN07
S1AG2300	Backfill inside Void	9d	-108d	0	10DEC07	19DEC07	02AUG07	11AUG07
Formwork								
S1AJ1000	Erect Formwork to Base Slab	6d	-108d	0	22OCT07	27OCT07	12JUN07	18JUN07
S1AJ1100	Erect Kicker to Base Slab	6d	-108d	0	05NOV07	10NOV07	27JUN07	04JUL07
S1AJ1200	Erect Formwork to Wall Stem of Void	12d	-108d	0	23NOV07	06DEC07	17JUL07	30JUL07
S1AJ1300	Erect Formwork to Top Slab of Void	4d	-108d	0	20DEC07	24DEC07	13AUG07	16AUG07
Steel Reinforcement								
S1AK1000	Fix Re-bar to Base Slab	6d	-108d	0	29OCT07	03NOV07	20JUN07	26JUN07
S1AK1100	Fix Re-bar to Wall Stem of Void	8d	-108d	0	14NOV07	22NOV07	07JUL07	16JUL07
S1AK1200	Fix Re-bar to Top Slab of Void	2d	-108d	0	27DEC07	28DEC07	17AUG07	18AUG07
In-Situ Concrete								
S1AL1000	Cast Blinding Concrete	1d	-108d	0	17OCT07	17OCT07	08JUN07	08JUN07
S1AL1100	Cast Base Slab	2d	-108d	0	12NOV07	13NOV07	05JUL07	06JUL07
S1AL1200	Cast Wall Stem of Void	2d	-108d	0	07DEC07	08DEC07	31JUL07	01AUG07
Geotechnical works								



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Early bar
Progress bar
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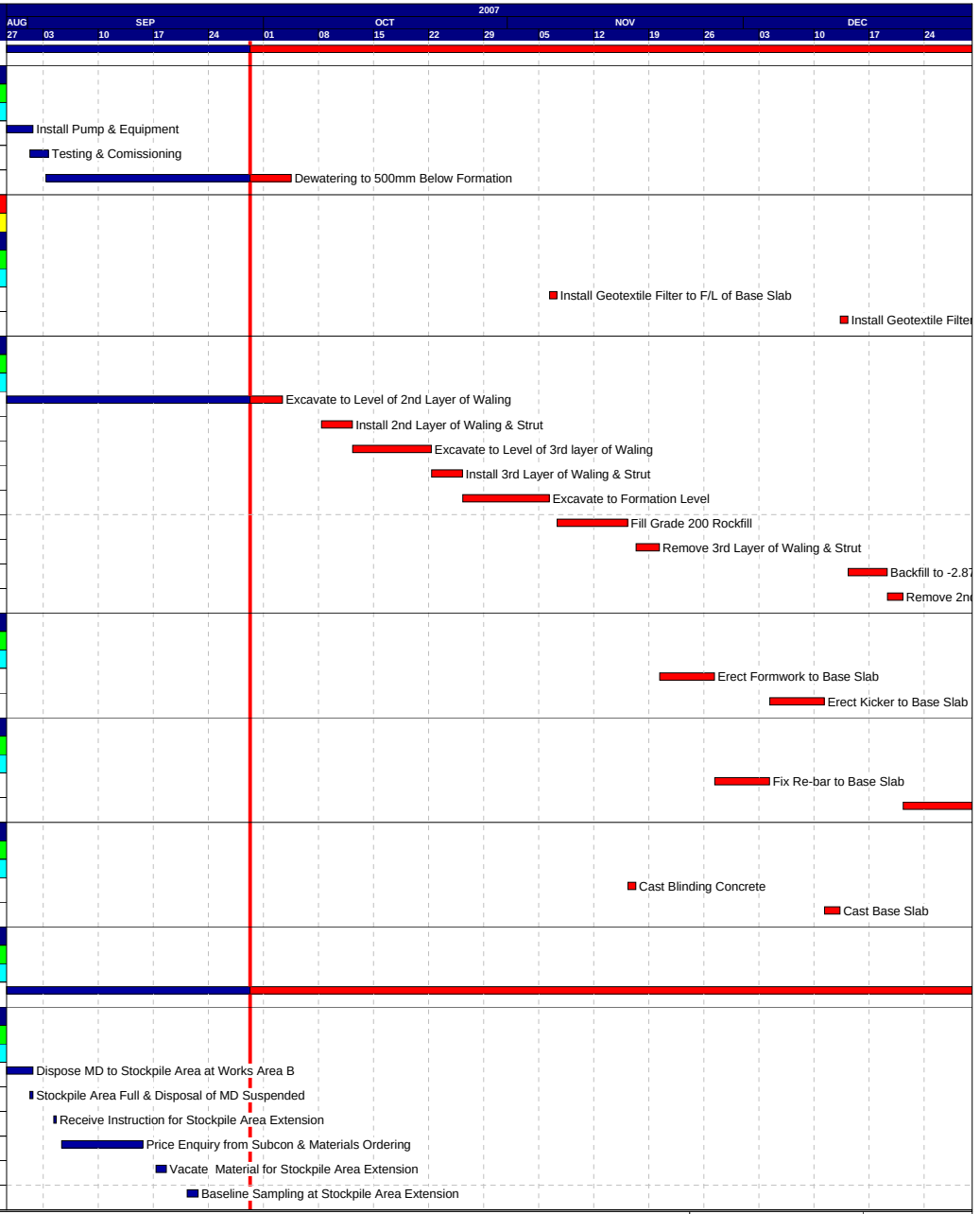
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S1AP1000	Monitoring of Instruments	525d	-68d	44	16NOV06 A	24SEP08	16NOV06 A	05JUL08
Additonal Works / Disruption								
Additional Dewatering at KT P/S (Claim No. 036)								
S1AV1210	Install Pump & Equipment	0		100	11AUG07 A	01SEP07 A	11AUG07 A	01SEP07 A
S1AV1220	Testing & Comissioning	0		100	01SEP07 A	03SEP07 A	01SEP07 A	03SEP07 A
S1AV1230	Dewatering to 500mm Below Formation	12d	-108d	70	03SEP07 A	04OCT07	03SEP07 A	26MAY07
Section 2 - Sha Po Sewage Pumping Station								
Portion B								
Drainage and Ducts								
Trench Method								
S2BEA1400	Install Geotextile Filter to F/L of Base Slab	1d	-251d	0	06NOV07	07NOV07	30DEC06	30DEC06
S2BEA1450	Install Geotextile Filter uo to -2.87mPD	1d	-251d	0	13DEC07	14DEC07	07FEB07	07FEB07
Earthworks								
S2BG1300	Excavate to Level of 2nd Layer of Waling	6d	-247d	60	27AUG07 A	03OCT07	27AUG07 A	29NOV06
S2BG1400	Install 2nd Layer of Waling & Strut	4d	-251d	0	08OCT07	12OCT07	30NOV06	04DEC06
S2BG1500	Excavate to Level of 3rd layer of Waling	7d	-251d	0	12OCT07	22OCT07	05DEC06	12DEC06
S2BG1600	Install 3rd Layer of Waling & Strut	4d	-251d	0	22OCT07	26OCT07	13DEC06	16DEC06
S2BG1700	Excavate to Formation Level	9d	-251d	0	26OCT07	06NOV07	18DEC06	29DEC06
S2BG1800	Fill Grade 200 Rockfill	8d	-251d	0	07NOV07	16NOV07	02JAN07	10JAN07
S2BG1850	Remove 3rd Layer of Waling & Strut	2d	-251d	0	17NOV07	20NOV07	12JAN07	13JAN07
S2BG1860	Backfill to -2.87mPD	4d	-251d	0	14DEC07	19DEC07	08FEB07	12FEB07
S2BG1870	Remove 2nd Layer of Waling & Strut	2d	-251d	0	19DEC07	21DEC07	13FEB07	14FEB07
Formwork								
S2BJ1000	Erect Formwork to Base Slab	6d	-251d	0	20NOV07	27NOV07	15JAN07	20JAN07
S2BJ1100	Erect Kicker to Base Slab	6d	-251d	0	04DEC07	11DEC07	29JAN07	03FEB07
Steel Reinforcement								
S2BK1000	Fix Re-bar to Base Slab	6d	-251d	0	27NOV07	04DEC07	22JAN07	27JAN07
S2BK1100	Fix Re-bar to Wall Stem of Void	8d	-251d	0	21DEC07	03JAN08	15FEB07	27FEB07
In-Situ Concrete								
S2BL1000	Cast Blinding Concrete	1d	-251d	0	16NOV07	17NOV07	11JAN07	11JAN07
S2BL1100	Cast Base Slab	2d	-251d	0	11DEC07	13DEC07	05FEB07	06FEB07
Geotechnical works								
S2BP1000	Monitoring of Instruments	414d	-17d	43	26FEB07 A	19JUL08	26FEB07 A	28JUN08
Additonal Works / Disruption								
Disposal of Marine Deposit (MD) (Claim No. 048)								
S2BV1290	Dispose MD to Stockpile Area at Works Area B	0		100	27AUG07 A	01SEP07 A	27AUG07 A	01SEP07 A
S2BV1300	Stockpile Area Full & Disposal of MD Suspended	0		100	01SEP07 A	01SEP07 A	01SEP07 A	01SEP07 A
S2BV1310	Receive Instruction for Stockpile Area Extension	0		100	04SEP07 A	04SEP07 A	04SEP07 A	04SEP07 A
S2BV1320	Price Enquiry from Subcon & Materials Ordering	0		100	05SEP07 A	15SEP07 A	05SEP07 A	15SEP07 A
S2BV1330	Vacate Material for Stockpile Area Extension	0		100	17SEP07 A	18SEP07 A	17SEP07 A	18SEP07 A
S2BV1340	Baseline Sampling at Stockpile Area Extension	0		100	21SEP07 A	22SEP07 A	21SEP07 A	22SEP07 A



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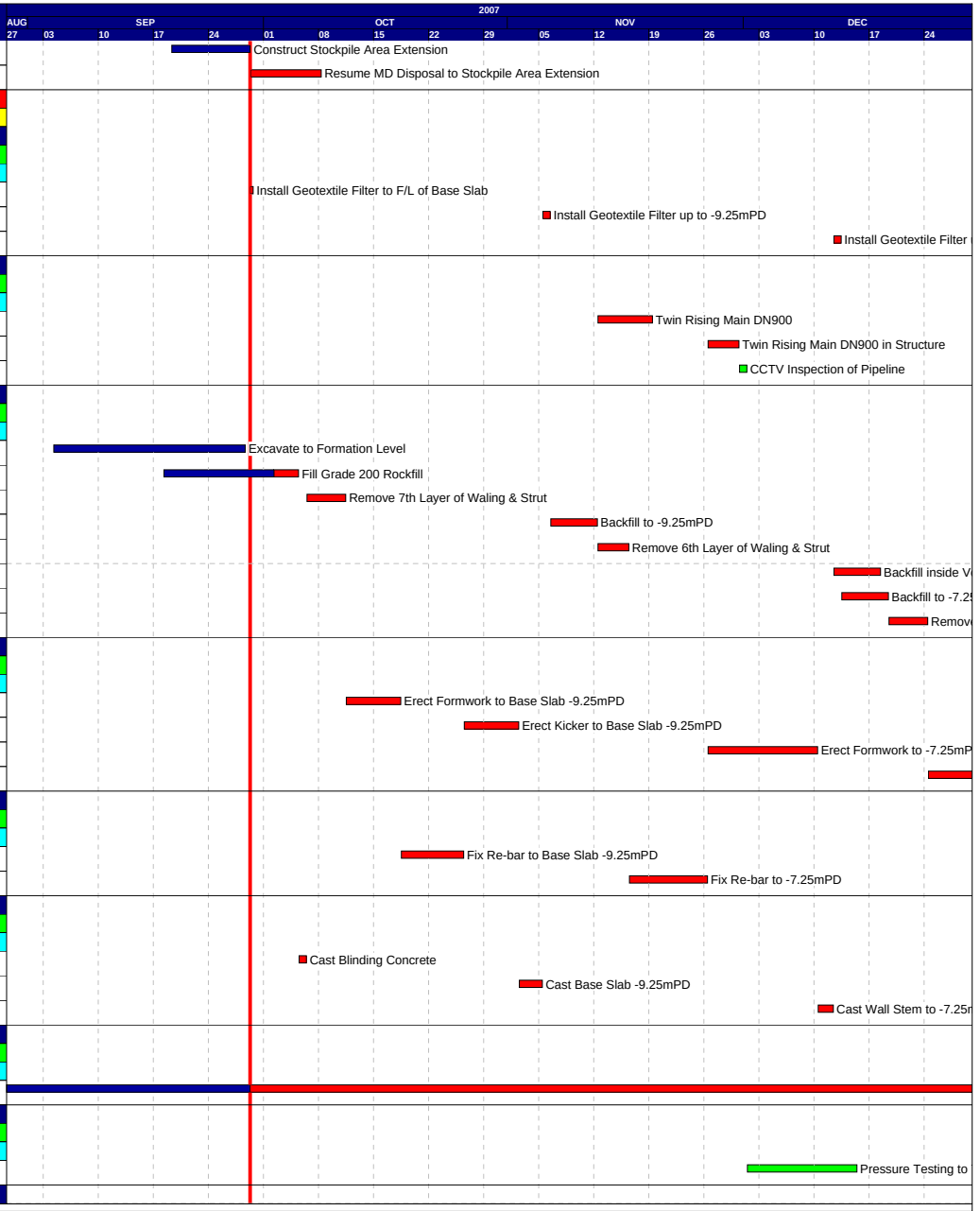
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S2BV1350	Construct Stockpile Area Extension	0	-251d	90	19SEP07 A	29SEP07	19SEP07 A	22NOV06
S2BV1360	Resume MD Disposal to Stockpile Area Extension	6d	-251d	0	29SEP07	08OCT07	23NOV06	29NOV06
Section 3 - Nam Sang Wai Sewage Pumping Station								
Portion C								
Drainage and Ducts								
Trench Method								
S3CEA1700	Install Geotextile Filter to F/L of Base Slab	1d	-189d	0	29SEP07	29SEP07	07FEB07	08FEB07
S3CEA1750	Install Geotextile Filter up to -9.25mPD	1d	-189d	0	05NOV07	06NOV07	17MAR07	17MAR07
S3CEA1800	Install Geotextile Filter up to -7.25mPD	1d	-189d	0	12DEC07	13DEC07	28APR07	28APR07
Pipework - Rising Main								
Trench Method								
S3CFA1000	Twin Rising Main DN900	6d	-175d	0	12NOV07	19NOV07	14APR07	20APR07
S3CFA1100	Twin Rising Main DN900 in Structure	4d	-181d	0	26NOV07	30NOV07	21APR07	25APR07
S3CFA1200	CCTV Inspection of Pipeline	1d	125d	0	30NOV07	01DEC07	07MAY08	07MAY08
Earthworks								
S3CG2300	Excavate to Formation Level	15d		100	04SEP07 A	28SEP07 A	04SEP07 A	28SEP07 A
S3CG2400	Fill Grade 200 Rockfill	7d	-189d	50	18SEP07 A	05OCT07	18SEP07 A	12FEB07
S3CG2420	Remove 7th Layer of Waling & Strut	4d	-189d	0	06OCT07	11OCT07	14FEB07	21FEB07
S3CG2450	Backfill to -9.25mPD	5d	-189d	0	06NOV07	12NOV07	19MAR07	23MAR07
S3CG2470	Remove 6th Layer of Waling & Strut	4d	-189d	0	12NOV07	16NOV07	24MAR07	28MAR07
S3CG2500	Backfill inside Void	5d	-184d	0	12DEC07	18DEC07	05MAY07	10MAY07
S3CG2600	Backfill to -7.25mPD	5d	-189d	0	13DEC07	19DEC07	30APR07	05MAY07
S3CG2620	Remove 5th Layer of Waling & Strut	4d	-189d	0	19DEC07	24DEC07	07MAY07	10MAY07
Formwork								
S3CJ1000	Erect Formwork to Base Slab -9.25mPD	6d	-189d	0	11OCT07	18OCT07	22FEB07	28FEB07
S3CJ1100	Erect Kicker to Base Slab -9.25mPD	6d	-189d	0	26OCT07	02NOV07	08MAR07	14MAR07
S3CJ1200	Erect Formwork to -7.25mPD	12d	-189d	0	26NOV07	10DEC07	12APR07	25APR07
S3CJ1300	Erect Formwork to -4.80mPD	4d	-189d	0	24DEC07	31DEC07	11MAY07	15MAY07
Steel Reinforcement								
S3CK1000	Fix Re-bar to Base Slab -9.25mPD	6d	-189d	0	18OCT07	26OCT07	01MAR07	07MAR07
S3CK1100	Fix Re-bar to -7.25mPD	8d	-189d	0	16NOV07	26NOV07	29MAR07	11APR07
In-Situ Concrete								
S3CL1000	Cast Blinding Concrete	1d	-189d	0	05OCT07	06OCT07	13FEB07	13FEB07
S3CL1100	Cast Base Slab -9.25mPD	2d	-189d	0	02NOV07	05NOV07	15MAR07	16MAR07
S3CL1200	Cast Wall Stem to -7.25mPD	2d	-189d	0	10DEC07	12DEC07	26APR07	27APR07
Geotechnical works								
S3CP1000	Monitoring of Instruments	771d	-143d	57	06APR06 A	10NOV08	06APR06 A	21MAY08
Testing								
S3CS1000	Pressure Testing to Twin Rising Main DN900	12d	125d	0	01DEC07	15DEC07	08MAY08	21MAY08
Additonal Works / Disruption								



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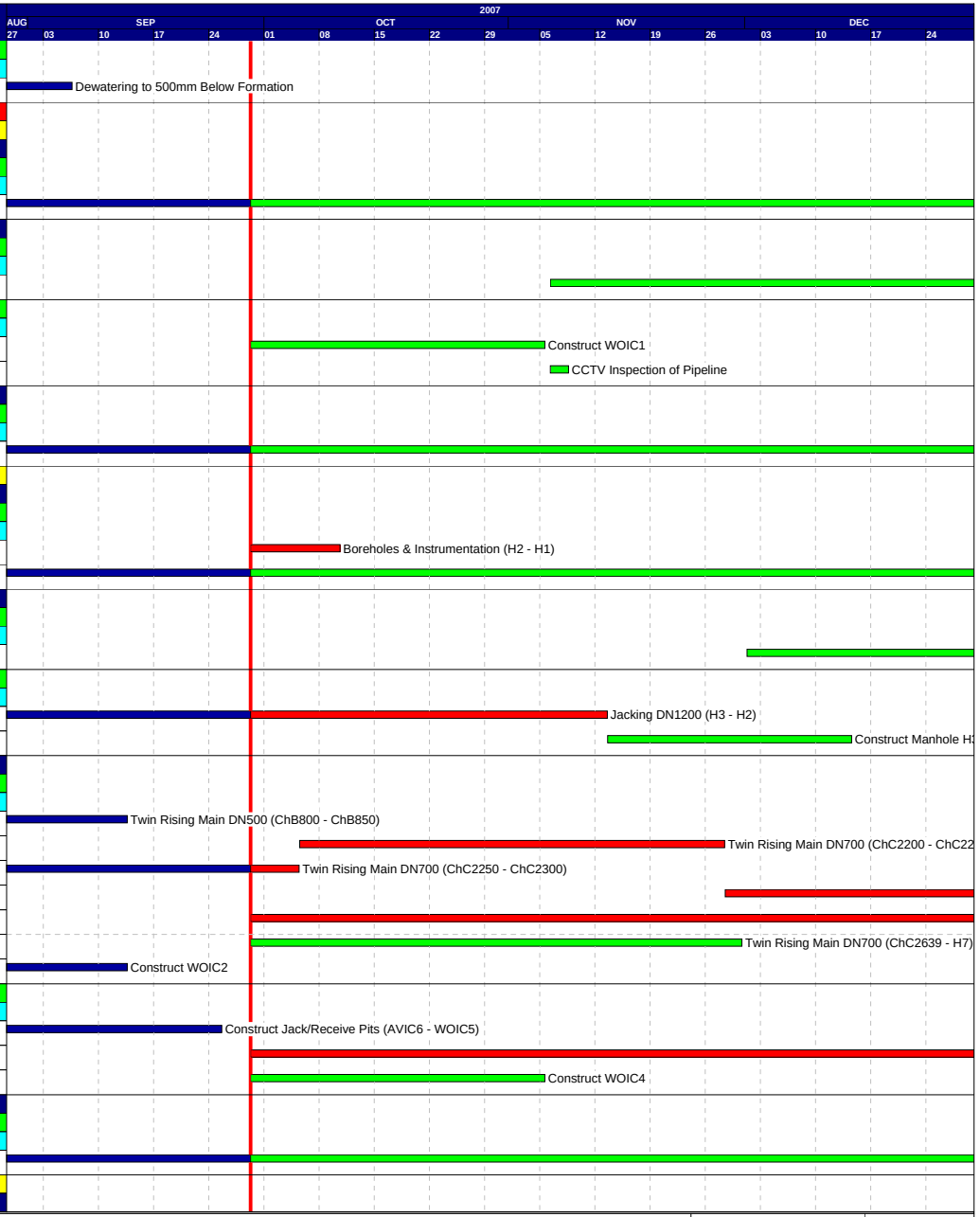
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
	Additional Dewatering at NSW P/S (Claim No. 037)							
S3CV1470	Dewatering to 500mm Below Formation	0		100	22AUG07 A	06SEP07 A	22AUG07 A	06SEP07 A
	Section 4 - Sewers & RM in Portion D, F, G, H, I							
	Portion D							
	Ground Investigation							
S4DB1300	Install Settlement Markers	589d4h	253d	77	31OCT06 A	14MAR08	31OCT06 A	17JAN09
	Pipework - Rising Main							
	Trench Method							
S4DFA1100	Twin Rising Main DN900 (ChA1850- WOIC1)	101d	49d	0	06NOV07	08MAR08	05JAN08	10MAY08
	Trenchless Method							
S4DFB1100	Construct WOIC1	30d	49d	0	29SEP07	05NOV07	28NOV07	04JAN08
S4DFB1200	CCTV Inspection of Pipeline	3d	344d	0	06NOV07	08NOV07	31DEC08	03JAN09
	Geotechnical works							
S4DP1000	Monitoring of Instruments	556d	102d	48	02NOV06 A	16SEP08	02NOV06 A	17JAN09
	Portion F							
	Ground Investigation							
S4FB1020	Boreholes & Instrumentation (H2 - H1)	9d	-7d	0	29SEP07	10OCT07	20SEP07	02OCT07
S4FB1500	Install Settlement Markers	730d4h	116d	63	27APR06 A	30AUG08	27APR06 A	17JAN09
	Drainage and Ducts							
	Trench Method							
S4FEA1000	DN900 Pipe & Manhole (H8 - H7) 1st Stage	53d	110d	0	01DEC07	04FEB08	19APR08	21JUN08
	Trenchless Method							
S4FEB1120	Jacking DN1200 (H3 - H2)	46d	-5d	20	18JUL07 A	13NOV07	18JUL07 A	07NOV07
S4FEB1140	Construct Manhole H3	27d	293d	0	13NOV07	14DEC07	08NOV08	09DEC08
	Pipework - Rising Main							
	Trench Method							
S4FFA1100	Twin Rising Main DN500 (ChB800 - ChB850)	120d		100	01JUN07 A	13SEP07 A	01JUN07 A	13SEP07 A
S4FFA1800	Twin Rising Main DN700 (ChC2200 - ChC2250)	45d	-31d	0	05OCT07	28NOV07	29AUG07	23OCT07
S4FFA1900	Twin Rising Main DN700 (ChC2250 - ChC2300)	45d	-31d	90	11JUL07 A	05OCT07	11JUL07 A	28AUG07
S4FFA2000	Twin Rising Main DN700 (ChC2300 - ChC2350)	45d	-31d	0	28NOV07	23JAN08	24OCT07	14DEC07
S4FFA2200	Twin Rising Main DN700 (ChC2400 - WOIC4)	93d	-29d	0	29SEP07	21JAN08	25AUG07	14DEC07
S4FFA2300	Twin Rising Main DN700 (ChC2639 - H7)	52d	110d	0	29SEP07	30NOV07	14FEB08	18APR08
S4FFA2500	Construct WOIC2	30d		100	11JUL07 A	13SEP07 A	11JUL07 A	13SEP07 A
	Trenchless Method							
S4FFB1100	Construct Jack/Receive Pits (AVIC6 - WOIC5)	57d		100	08JAN07 A	25SEP07 A	08JAN07 A	25SEP07 A
S4FFB1120	Jacking Twin DN700 (AVIC6 - WOIC5)	90d	-52d	0	29SEP07	17JAN08	30JUL07	14NOV07
S4FFB1200	Construct WOIC4	30d	34d	0	29SEP07	05NOV07	10NOV07	14DEC07
	Geotechnical works							
S4FP1000	Monitoring of Instruments	774d	7d	51	05JUN06 A	09JAN09	05JUN06 A	17JAN09
	Portion G							
	Ground Investigation							



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Early bar
Progress bar
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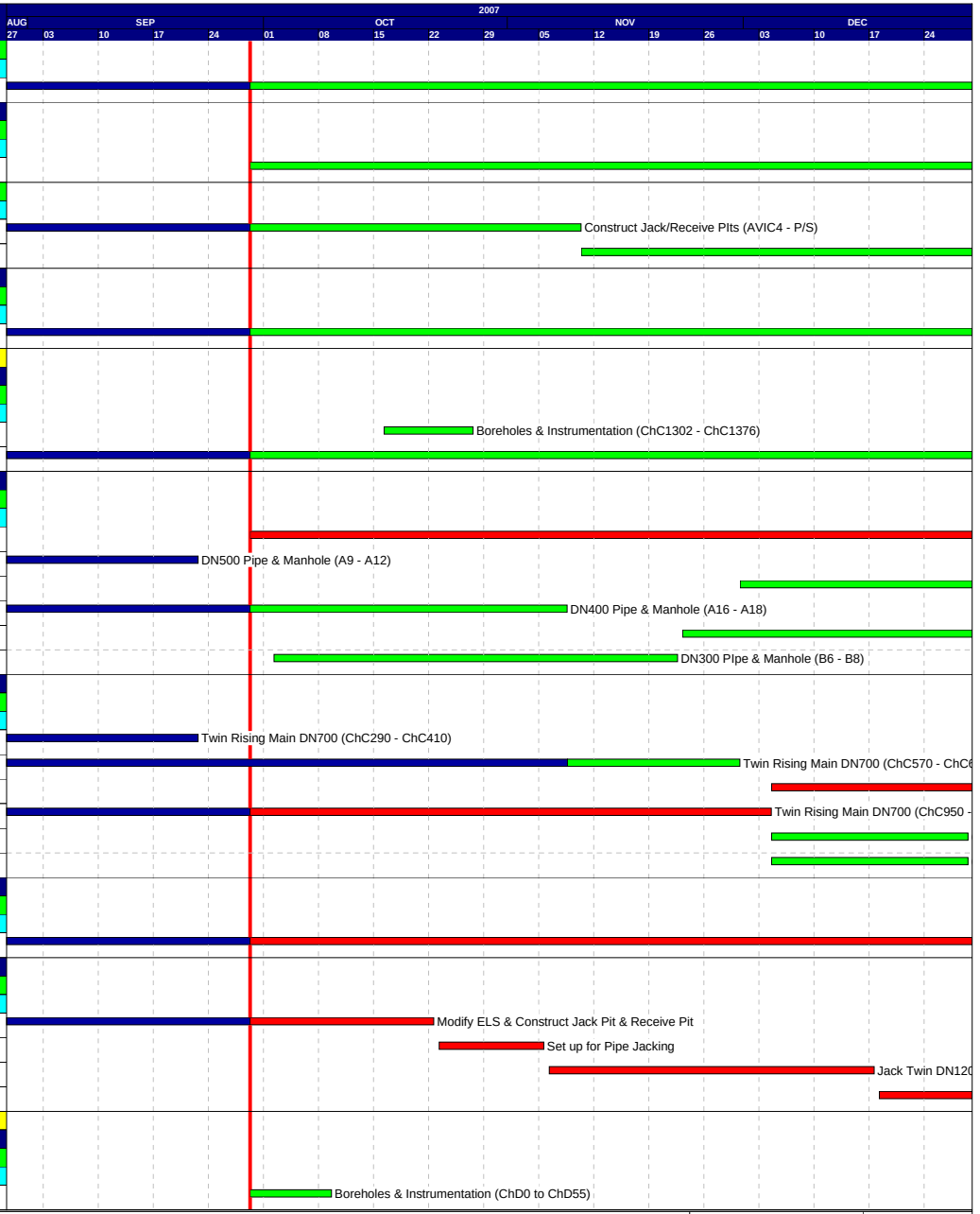
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4GB1500	Install Settlement Markers	748d4h	97d	61	21APR06 A	22SEP08	21APR06 A	17JAN09
Pipework - Rising Main								
Trench Method								
S4GFA1300	Twin Rising Main DN500 (ChB450 - ChB550)	84d	254d	0	29SEP07	10JAN08	08AUG08	17NOV08
Trenchless Method								
S4GFB1000	Construct Jack/Receive Plts (AVIC4 - P/S)	57d	18d	40	16AUG07 A	10NOV07	16AUG07 A	30NOV07
S4GFB1020	Jacking Twin DN500 (AVIC4 - P/S)	73d	18d	0	10NOV07	11FEB08	01DEC07	01MAR08
Geotechnical works								
S4GP1000	Monitoring of Instruments	768d	50d	56	22APR06 A	19NOV08	22APR06 A	17JAN09
Portion H								
Ground Investigation								
S4HB1040	Boreholes & Instrumentation (ChC1302 - ChC1376)	10d	50d	0	16OCT07	27OCT07	14DEC07	27DEC07
S4HB1300	Install Settlement Markers	727d4h	118d	63	26MAY06 A	27AUG08	26MAY06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4HEA1100	DN500 Pipe & Manhole (A6 - A9)	100d	-54d	0	29SEP07	29JAN08	27JUL07	23NOV07
S4HEA1200	DN500 Pipe & Manhole (A9 - A12)	90d		100	03JUL06 A	22SEP07 A	03JUL06 A	22SEP07 A
S4HEA1400	DN500 Pipe & Manhole (A14 - A16)	109d	18d	0	30NOV07	17APR08	21DEC07	09MAY08
S4HEA1500	DN400 Pipe & Manhole (A16 - A18)	73d	18d	55	04JUN07 A	08NOV07	04JUN07 A	29NOV07
S4HEA1900	DN300 Pipe & Manhole (B4 - B6)	67d	111d	0	23NOV07	15FEB08	12APR08	02JUL08
S4HEA2000	DN300 PIpe & Manhole (B6 - B8)	44d	111d	0	02OCT07 *	22NOV07	16FEB08	11APR08
Pipework - Rising Main								
Trench Method								
S4HFA1200	Twin Rising Main DN700 (ChC290 - ChC410)	45d		100	03JUL06 A	22SEP07 A	03JUL06 A	22SEP07 A
S4HFA1500	Twin Rising Main DN700 (ChC570 - ChC660)	42d	18d	55	04JUN07 A	30NOV07	04JUN07 A	21DEC07
S4HFA1800	Twin Rising Main DN700 (ChC850 - ChC950)	125d	-21d	0	04DEC07	10MAY08	09NOV07	15APR08
S4HFA1900	Twin Rising Main DN700 (ChC950 - ChC1050)	87d	-21d	37	03MAY07 A	04DEC07	03MAY07 A	09NOV07
S4HFA3000	Construct AVIC9	20d	84d	0	04DEC07	29DEC07	18MAR08	15APR08
S4HFA3100	Construct WOIC8	20d	84d	0	04DEC07	29DEC07	18MAR08	15APR08
Geotechnical works								
S4HP1000	Monitoring of Instruments	846d	-55d	48	26MAY06 A	27MAR09	26MAY06 A	17JAN09
Additonal Works / Disruption								
Twin R/M DN700 ChC1620 - ChC1661 (Claim No. 026)								
S4HV1080	Modify ELS & Construct Jack Pit & Receive Pit	60d	-106d	70	10AUG07 A	22OCT07	10AUG07 A	14JUN07
S4HV1090	Set up for Pipe Jacking	12d	-106d	0	23OCT07	05NOV07	15JUN07	29JUN07
S4HV1100	Jack Twin DN1200 Sleeve Pipes	36d	-106d	0	06NOV07	17DEC07	30JUN07	11AUG07
S4HV1110	Install Twin DN700 DI Pipes & Grouting	36d	-106d	0	18DEC07	31JAN08	13AUG07	22SEP07
Portion I								
Ground Investigation								
S4IB1040	Boreholes & Instrumentation (ChD0 to ChD55)	8d	182d	0	29SEP07	09OCT07	14MAY08	22MAY08



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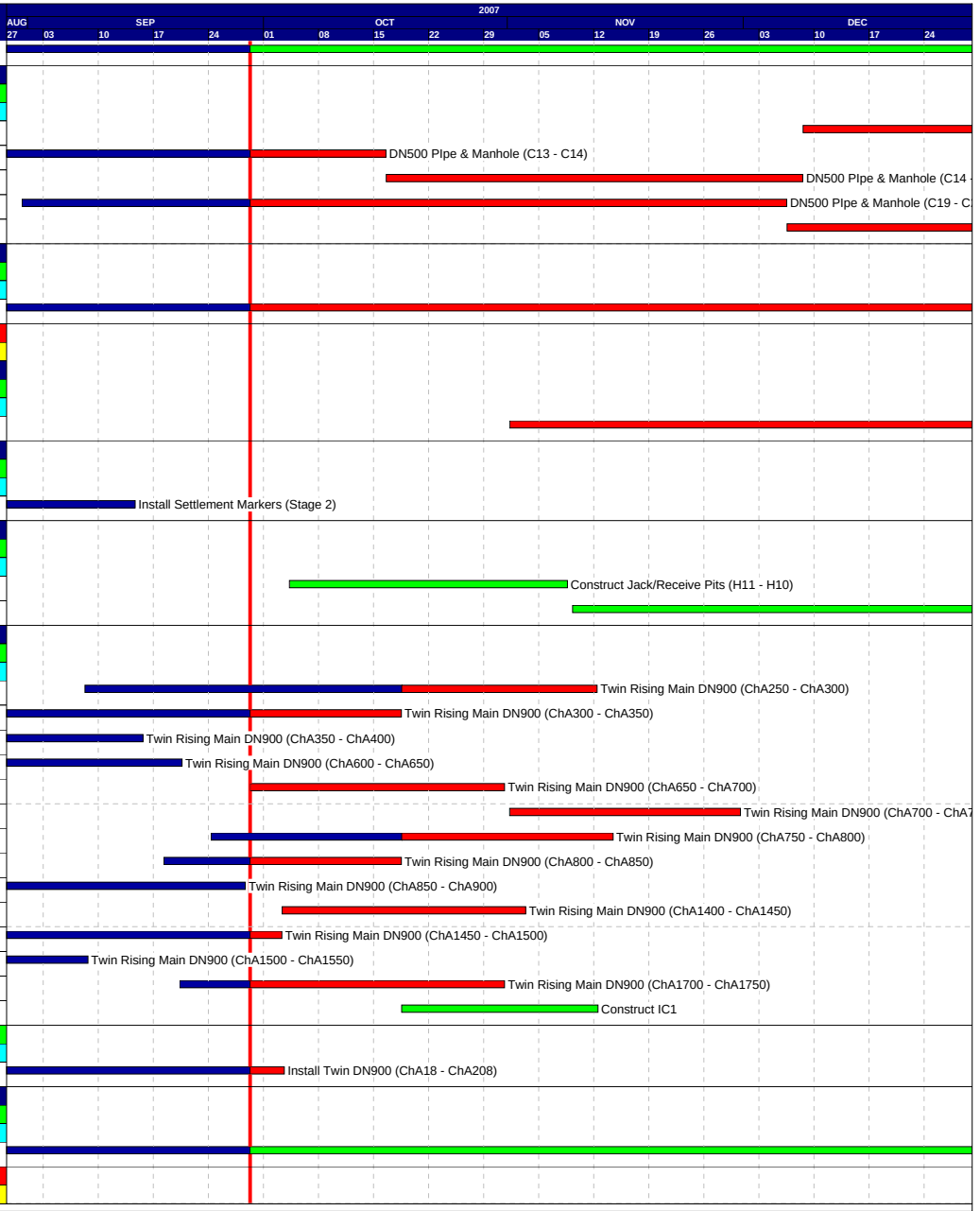
Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S4IB1300	Install Settlement Markers	736d4h	109d	62	26JUN06 A	06SEP08	26JUN06 A	17JAN09
Drainage and Ducts								
Trench Method								
S4IEA1320	DN500 PIpe & Manhole (C10 - C12)	54d	-27d	0	08DEC07	16FEB08	08NOV07	12JAN08
S4IEA1500	DN500 PIpe & Manhole (C13 - C14)	81d	-27d	83	18MAY07 A	16OCT07	18MAY07 A	12SEP07
S4IEA1600	DN500 PIpe & Manhole (C14 - C15)	45d	-27d	0	16OCT07	08DEC07	13SEP07	07NOV07
S4IEA1820	DN500 PIpe & Manhole (C19 - C21)	82d	-35d	31	31AUG07 A	06DEC07	31AUG07 A	26OCT07
S4IEA2320	DN500 PIpe & Manhole (C31 - C32)	53d	-35d	0	06DEC07	13FEB08	27OCT07	29DEC07
Geotechnical works								
S4IP1000	Monitoring of Instruments	766d	-2d	49	28JUN06 A	21JAN09	28JUN06 A	17JAN09
Section 5 - Sewers & RM in Portion E								
Portion E								
Preliminaries								
S5EA1200	Non Work Period 01 Nov 07 - 31 Mar 08	121d	0	0	01NOV07 *	31MAR08	01NOV07	31MAR08 *
Ground Investigation								
S5EB1400	Install Settlement Markers (Stage 2)	138d		100	29MAR07 A	14SEP07 A	29MAR07 A	14SEP07 A
Drainage and Ducts								
Trenchless Method								
S5EEB1000	Construct Jack/Receive Pits (H11 - H10)	30d	70d	0	04OCT07 *	08NOV07	28DEC07	01FEB08
S5EEB1020	Jacking DN600 (H11 - H10)	95d	70d	0	09NOV07	05MAR08	02FEB08	31MAY08
Pipework - Rising Main								
Trench Method								
S5EFA1100	Twin Rising Main DN900 (ChA250 - ChA300)	26d	-9d	24	08SEP07 A	12NOV07	08SEP07 A	31OCT07 *
S5EFA1200	Twin Rising Main DN900 (ChA300 - ChA350)	26d	-9d	40	06AUG07 A	18OCT07	06AUG07 A	08OCT07
S5EFA1300	Twin Rising Main DN900 (ChA350 - ChA400)	26d		100	07JUL07 A	15SEP07 A	07JUL07 A	15SEP07 A
S5EFA1800	Twin Rising Main DN900 (ChA600 - ChA650)	26d		100	01AUG07 A	20SEP07 A	01AUG07 A	20SEP07 A
S5EFA1900	Twin Rising Main DN900 (ChA650 - ChA700)	26d	-26d	0	29SEP07	31OCT07	29AUG07	28SEP07
S5EFA2000	Twin Rising Main DN900 (ChA700 - ChA750)	26d	-26d	0	01NOV07	30NOV07	29SEP07	31OCT07 *
S5EFA2100	Twin Rising Main DN900 (ChA750 - ChA800)	26d	-12d	16	24SEP07 A	14NOV07	24SEP07 A	31OCT07 *
S5EFA2200	Twin Rising Main DN900 (ChA800 - ChA850)	26d	-12d	40	18SEP07 A	18OCT07	18SEP07 A	05OCT07
S5EFA2300	Twin Rising Main DN900 (ChA850 - ChA900)	26d		100	28JUL07 A	28SEP07 A	28JUL07 A	28SEP07 A
S5EFA3400	Twin Rising Main DN900 (ChA1400 - ChA1450)	26d	-2d	0	03OCT07	03NOV07	29SEP07	31OCT07 *
S5EFA3500	Twin Rising Main DN900 (ChA1450 - ChA1500)	26d	-2d	92	13AUG07 A	03OCT07	13AUG07 A	28SEP07
S5EFA3600	Twin Rising Main DN900 (ChA1500 - ChA1550)	26d		100	27JUL07 A	08SEP07 A	27JUL07 A	08SEP07 A
S5EFA4000	Twin Rising Main DN900 (ChA1700 - ChA1750)	26d	0	0	20SEP07 A	31OCT07	20SEP07 A	31OCT07 *
S5EFA4100	Construct IC1	20d	125d	0	18OCT07	12NOV07	25MAR08	17APR08
Trenchless Method								
S5EFB1040	Install Twin DN900 (ChA18 - ChA208)	30d	-142d	90	14MAY07 A	03OCT07	14MAY07 A	13APR07
Geotechnical works								
S5EP1000	Monitoring of Instruments	535d	47d	67	01AUG06 A	10MAY08	01AUG06 A	05JUL08
Section 6 - Sewers in Portion J								
Portion J								



Start date	19DEC05
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Leader Civil Engineering Corp. Ltd.
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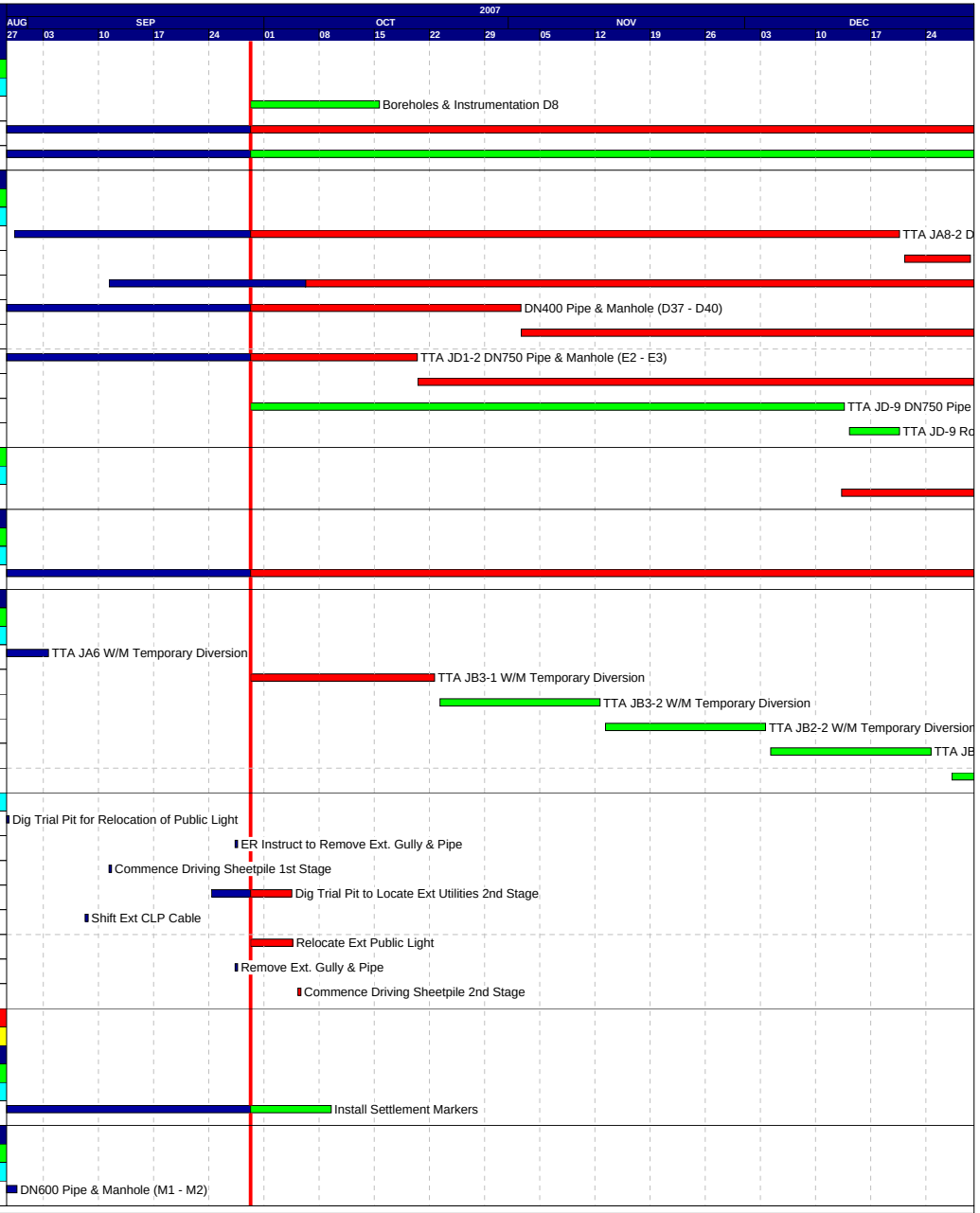
3-Month Rolling Programme - 3M01 at 29 September 2007

Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
Ground Investigation								
S6JB1060	Boreholes & Instrumentation D8	13d	26d	0	29SEP07	15OCT07	01NOV07	15NOV07
S6JB1500	Install Settlement Marker 1st Stage	765d	-2d	57	20APR06 A	11NOV08	20APR06 A	08NOV08
S6JB2100	Install Settlement Markers 2nd Stage	600d4h	149d	59	07JUL06 A	30JUL08	07JUL06 A	29JAN09
Drainage and Ducts								
Trench Method								
S6JEA1800	TTA JA8-2 DN400 Pipe & Manhole (D16 - D18)	75d	-288d	8	30AUG07 A	20DEC07	30AUG07 A	02JAN07
S6JEA1810	TTA JA8-2 Road Reinstatement	6d	-288d	0	21DEC07	29DEC07	03JAN07	09JAN07
S6JEA2520	TTA JB7-1 DN400 Pipe & Manhole (D31 - D32)	88d	-398d	20	11SEP07 A	31DEC07	11SEP07 A	26AUG06
S6JEA3100	DN400 Pipe & Manhole (D37 - D40)	87d	-2d	68	28MAR07 A	02NOV07	28MAR07 A	31OCT07
S6JEA3200	DN300 Pipe & Manhole (D40 - D42)	65d	-2d	0	02NOV07	21JAN08	31OCT07	18JAN08
S6JEA3920	TTA JD1-2 DN750 Pipe & Manhole (E2 - E3)	55d	-332d	70	03JUL07 A	20OCT07	03JUL07 A	05SEP06
S6JEA4000	TTA JD2 DN750 Pipe & Manhole (E3 - E5)	74d	-332d	0	20OCT07	18JAN08	06SEP06	04DEC06
S6JEA4700	TTA JD-9 DN750 Pipe & Manhole (E14 - E15)	63d	252d	0	29SEP07	13DEC07	06AUG08	21OCT08
S6JEA4710	TTA JD-9 Road Reinstatement	6d	252d	0	14DEC07	20DEC07	22OCT08	28OCT08
Trenchless Method								
S6JEB1100	Construct Jack/Receive Pits (D6 - D7)	28d	-52d	0	13DEC07	17JAN08	12OCT07	14NOV07
Geotechnical works								
S6JP1000	Monitoring of Instruments	1178d	-352d	37	21APR06 A	30MAR10	21APR06 A	29JAN09
Additonal Works / Disruption								
Kam Tin Road A/C Watermain (Claim No. 019)								
S6JV1350	TTA JA6 W/M Temporary Diversion	0		100	27AUG07 A	03SEP07 A	27AUG07 A	03SEP07 A
S6JV1530	TTA JB3-1 W/M Temporary Diversion	18d	-86d	0	29SEP07	22OCT07	18JUN07	10JUL07
S6JV1550	TTA JB3-2 W/M Temporary Diversion	18d	24d	0	23OCT07	12NOV07	20NOV07	10DEC07
S6JV1570	TTA JB2-2 W/M Temporary Diversion	18d	59d	0	13NOV07	03DEC07	24JAN08	16FEB08
S6JV1590	TTA JB2-1 W/M Temporary Diversion	18d	109d	0	04DEC07	24DEC07	21APR08	12MAY08
S6JV1610	TTA JB1-1 W/M Temporary Diversion	18d	159d	0	27DEC07	17JAN08	12JUL08	01AUG08
Kam Tin Rd Util Obs D30-D32 (Claim No. 075)								
S6JV2750	Dig Trial Pit for Relocation of Public Light	0		100	28AUG07 A	29AUG07 A	28AUG07 A	29AUG07 A
S6JV2760	ER Instruct to Remove Ext. Gully & Pipe	0		100	27SEP07 A	27SEP07 A	27SEP07 A	27SEP07 A
S6JV2770	Commence Driving Sheetpile 1st Stage	0		100	11SEP07 A	11SEP07 A	11SEP07 A	11SEP07 A
S6JV2780	Dig Trial Pit to Locate Ext Utilities 2nd Stage	12d	-398d	70	24SEP07 A	04OCT07	24SEP07 A	03JUN06
S6JV2790	Shift Ext CLP Cable	0		100	08SEP07 A	08SEP07 A	08SEP07 A	08SEP07 A
S6JV2800	Relocate Ext Public Light	4d	-398d	0	29SEP07	04OCT07	29MAY06	03JUN06
S6JV2810	Remove Ext. Gully & Pipe	0		100	27SEP07 A	27SEP07 A	27SEP07 A	27SEP07 A
S6JV2820	Commence Driving Sheetpile 2nd Stage	1d	-398d	0	05OCT07	05OCT07	03JUN06	05JUN06
Section 7 - Sewers in Portion K								
Portion K								
Ground Investigation								
S7KB1500	Install Settlement Markers	423d4h	36d	98	08MAY06 A	09OCT07	08MAY06 A	21NOV07
Drainage and Ducts								
Trench Method								
S7KEA1000	DN600 Pipe & Manhole (M1 - M2)	51d		100	13JUN07 A	30AUG07 A	13JUN07 A	30AUG07 A



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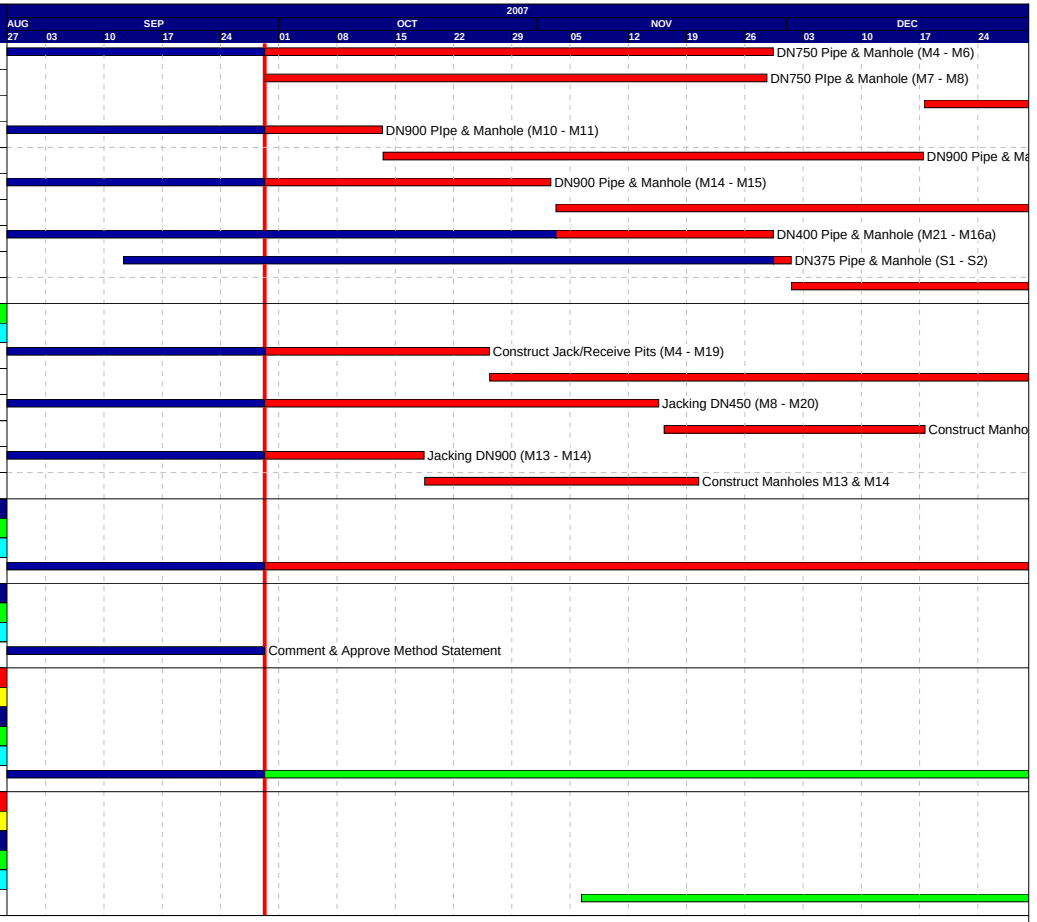
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Act ID	Description	Orig Dur	Total Float	Percent Complete	Early Start	Early Finish	Late Start	Late Finish
S7KEA1200	DN750 Pipe & Manhole (M4 - M6)	126d	-100d	60	03APR07 A	29NOV07	03APR07 A	31JUL07
S7KEA1390	DN750 PIpe & Manhole (M7 - M8)	50d	-62d	0	29SEP07	28NOV07	18JUL07	13SEP07
S7KEA1400	DN900 Pipe & Manhole (M8 - M10)	51d	-78d	0	17DEC07	21FEB08	14SEP07	15NOV07
S7KEA1500	DN900 PIpe & Manhole (M10 - M11)	57d4h	-78d	80	23JAN07 A	13OCT07	23JAN07 A	12JUL07
S7KEA1610	DN900 Pipe & Manhole (M11 - M12) Stage 2	54d	-78d	0	13OCT07	17DEC07	13JUL07	13SEP07
S7KEA1800	DN900 Pipe & Manhole (M14 - M15)	51d	-128d	45	27DEC06 A	02NOV07	27DEC06 A	31MAY07
S7KEA1900	DN900 Pipe & Manhole (M15 - M16)	93d	-128d	0	03NOV07	26FEB08	01JUN07	19SEP07
S7KEA2000	DN400 Pipe & Manhole (M21 - M16a)	32d	-62d	30	29AUG07 A	29NOV07	29AUG07 A	14SEP07
S7KEA2020	DN375 Pipe & Manhole (S1 - S2)	24d	-62d	90	12SEP07 A	01DEC07	12SEP07 A	17SEP07
S7KEA2040	DN1650 Pipe & Manhole (S2 - Outfall)	24d	-62d	0	01DEC07	02JAN08	18SEP07	17OCT07
Trenchless Method								
S7KEB1000	Construct Jack/Receive Pits (M4 - M19)	30d	-170d	30	24AUG07 A	26OCT07	24AUG07 A	28MAR07
S7KEB1020	Jacking DN600 (M4 - M19)	72d	-170d	0	26OCT07	22JAN08	29MAR07	28JUN07
S7KEB1120	Jacking DN450 (M8 - M20)	97d4h	-51d	60	18NOV06 A	15NOV07	18NOV06 A	13SEP07
S7KEB1140	Construct Manholes M8 & M20	27d	-24d	0	16NOV07	17DEC07	18OCT07	19NOV07
S7KEB1220	Jacking DN900 (M13 - M14)	48d4h	-1d	68	02DEC06 A	18OCT07	02DEC06 A	17OCT07
S7KEB1240	Construct Manholes M13 & M14	27d	-1d	0	18OCT07	20NOV07	18OCT07	19NOV07
Geotechnical works								
S7KP1000	Monitoring of Instruments	569d	-122d	71	24MAY06 A	23APR08	24MAY06 A	21NOV07
Additonal Works / Disruption								
Conflict of Ext. Util. at M/H M4 (Claim No. 052)								
S7KV2210	Comment & Approve Method Statement	30d	-170d	90	28JUL07 A	29SEP07	28JUL07 A	03MAR07
Section 8 - Preservation and Protection of Trees								
All Portions								
Landscape Softworks and Establishment Works								
S8QR1100	Preservation & Protection of Preserved Trees	744d	0	47	29JUL06 A	29JAN09	29JUL06 A	29JAN09
Decontamination Works								
Portion B								
Decontamination								
S9BU1000	Decontamination Works	48d	143d	0	06NOV07	04JAN08	03MAY08	28JUN08



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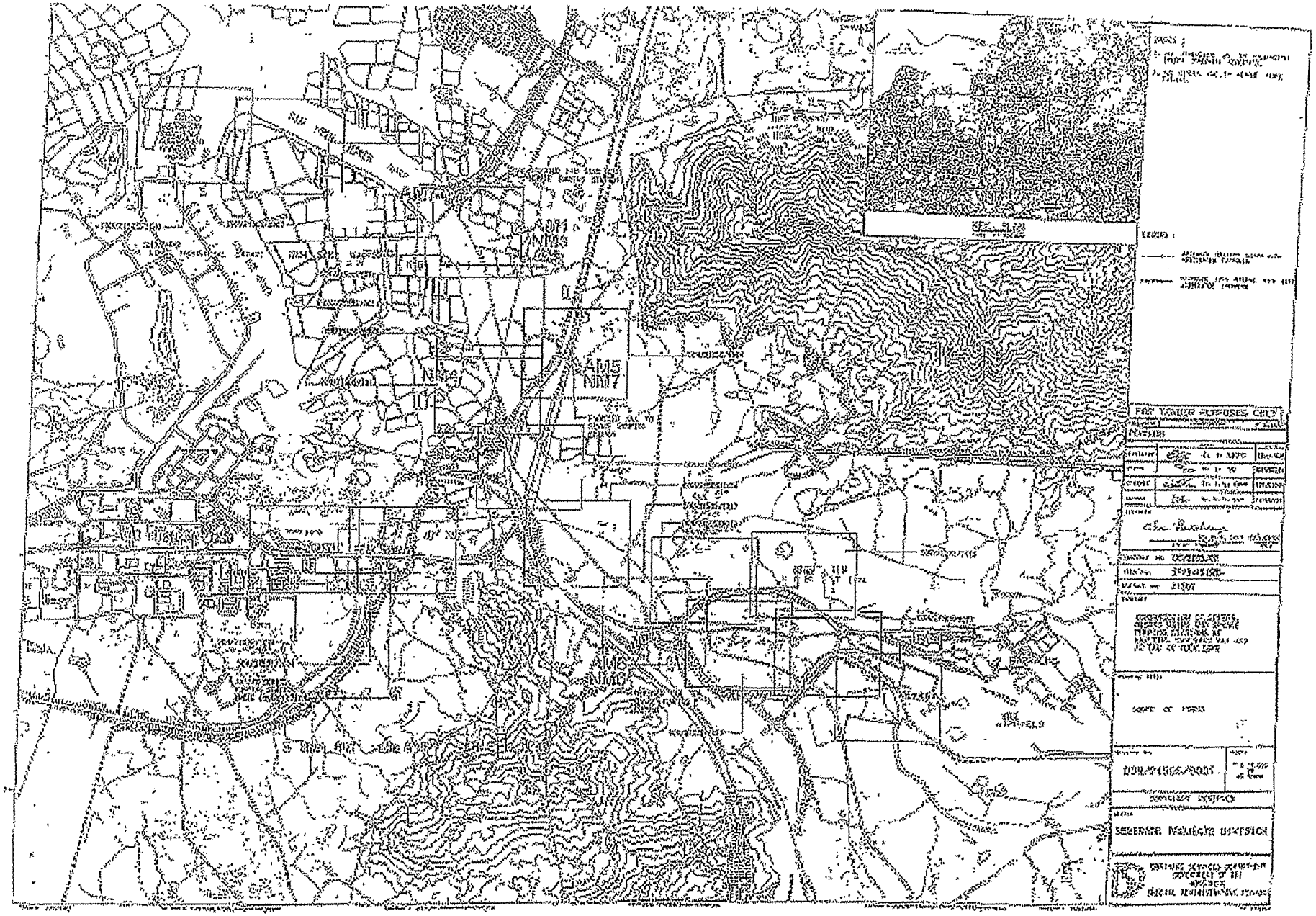
Early bar
Progress bar
Critical bar
Summary bar
Start milestone point
Finish milestone point

Annex D

Photographical Records – Noise Barrier On-Site

Annex E

Locations of Monitoring Stations



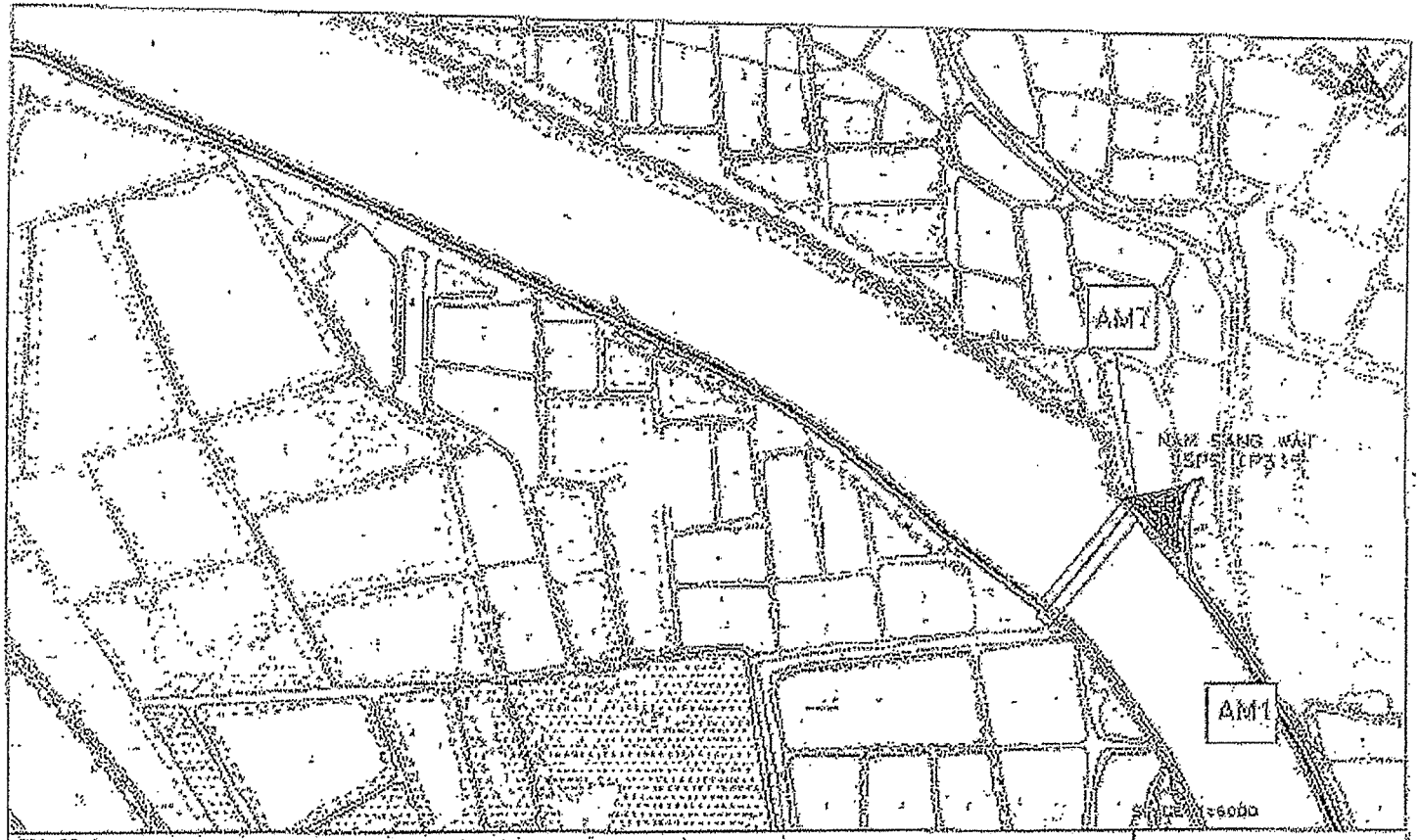


FIGURE 61 LOCATION OF DUST MONITORING STATIONS AM7 AND AM1

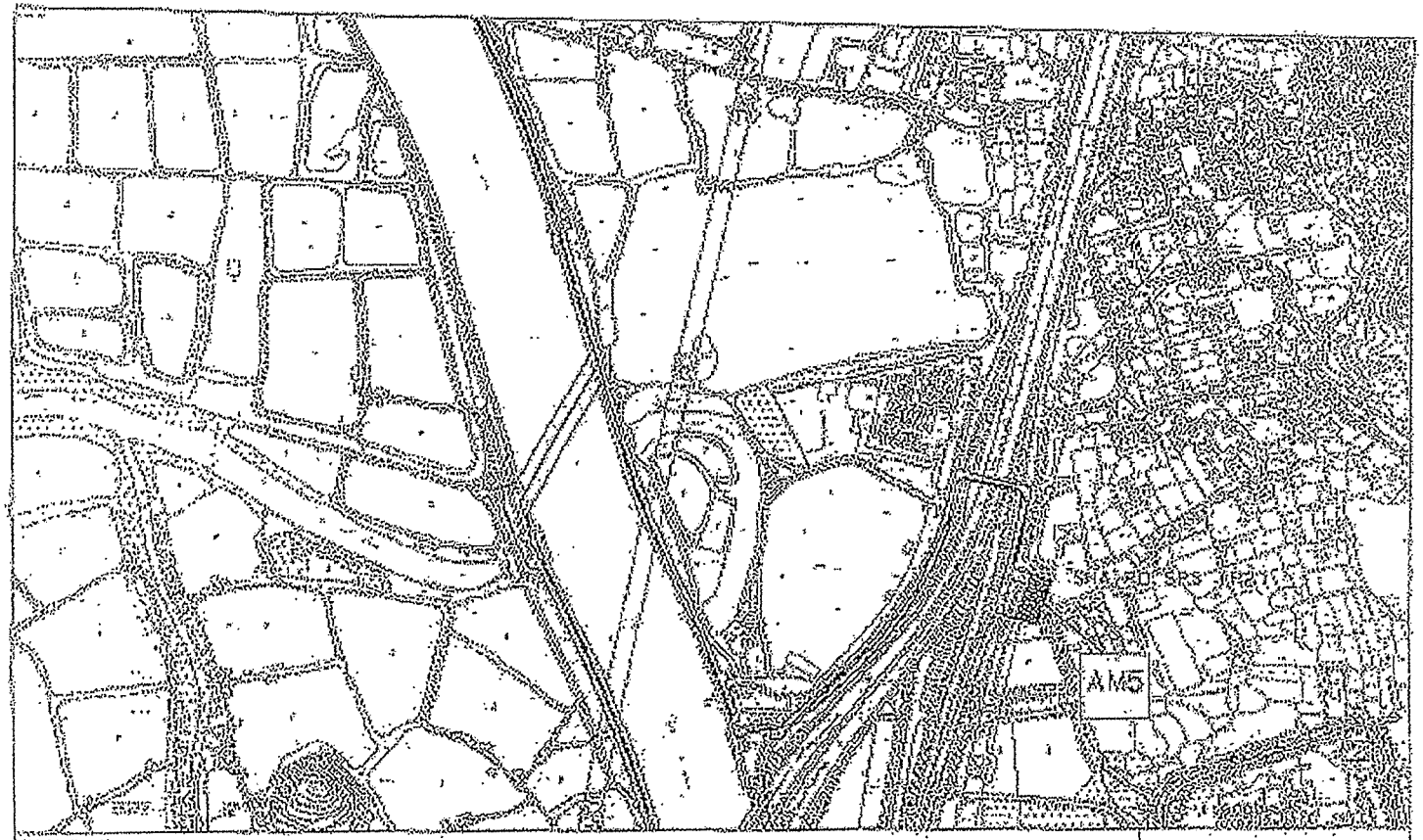


FIGURE 02

LOCATION OF DUST MONITORING STATION (AM5)

FIGURE 6.0 LOCATION OF DUST MONITORING STATIONS (AM1, AM5 & AM10)

FIGURE 4.1 LOCATION OF NOISE MONITORING STATIONS (NM1, NM2, NM3, NM4)

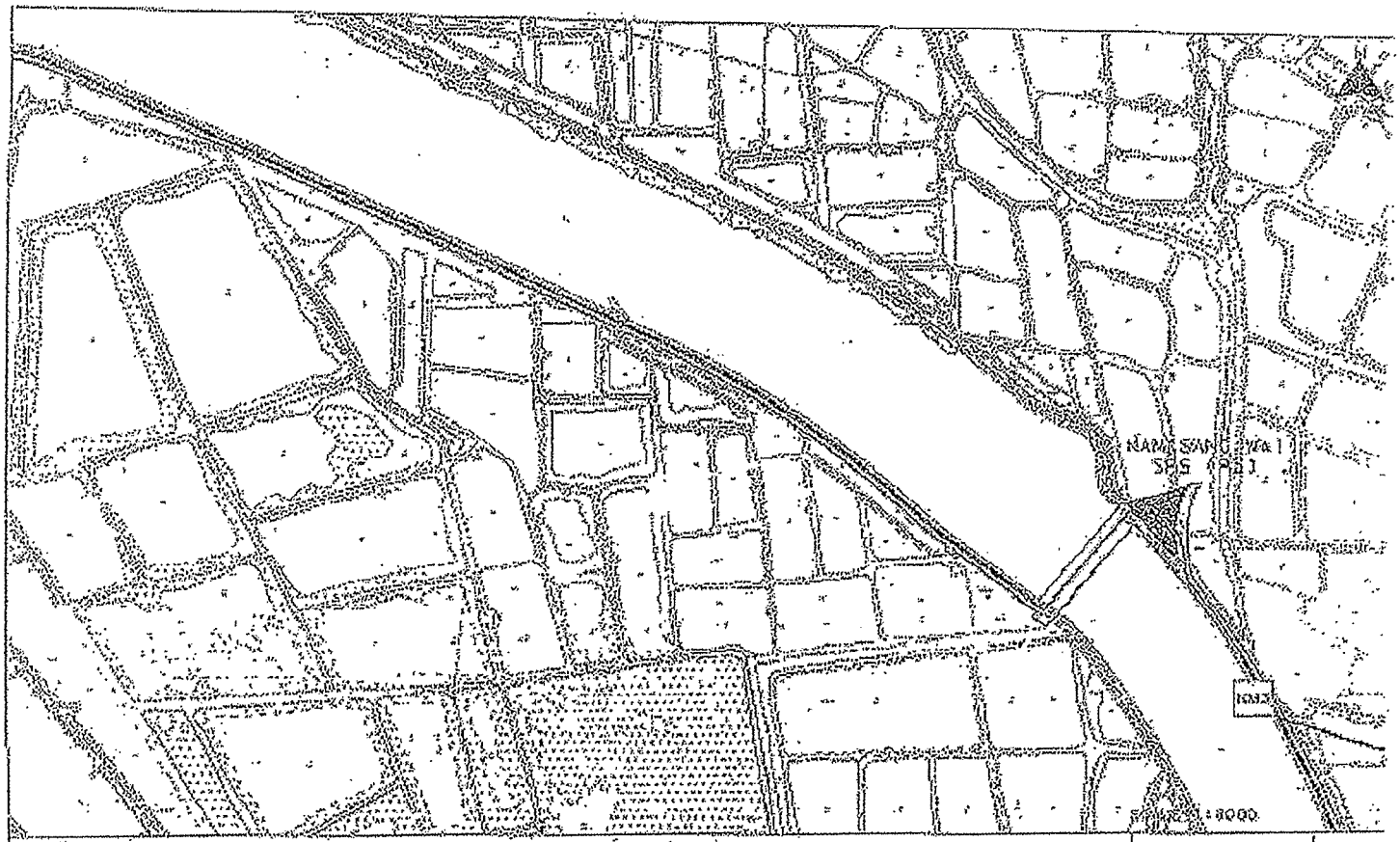


FIGURE 08

LOCATION OF NOISE MONITORING STATIONS (NMS - 5 & 6)

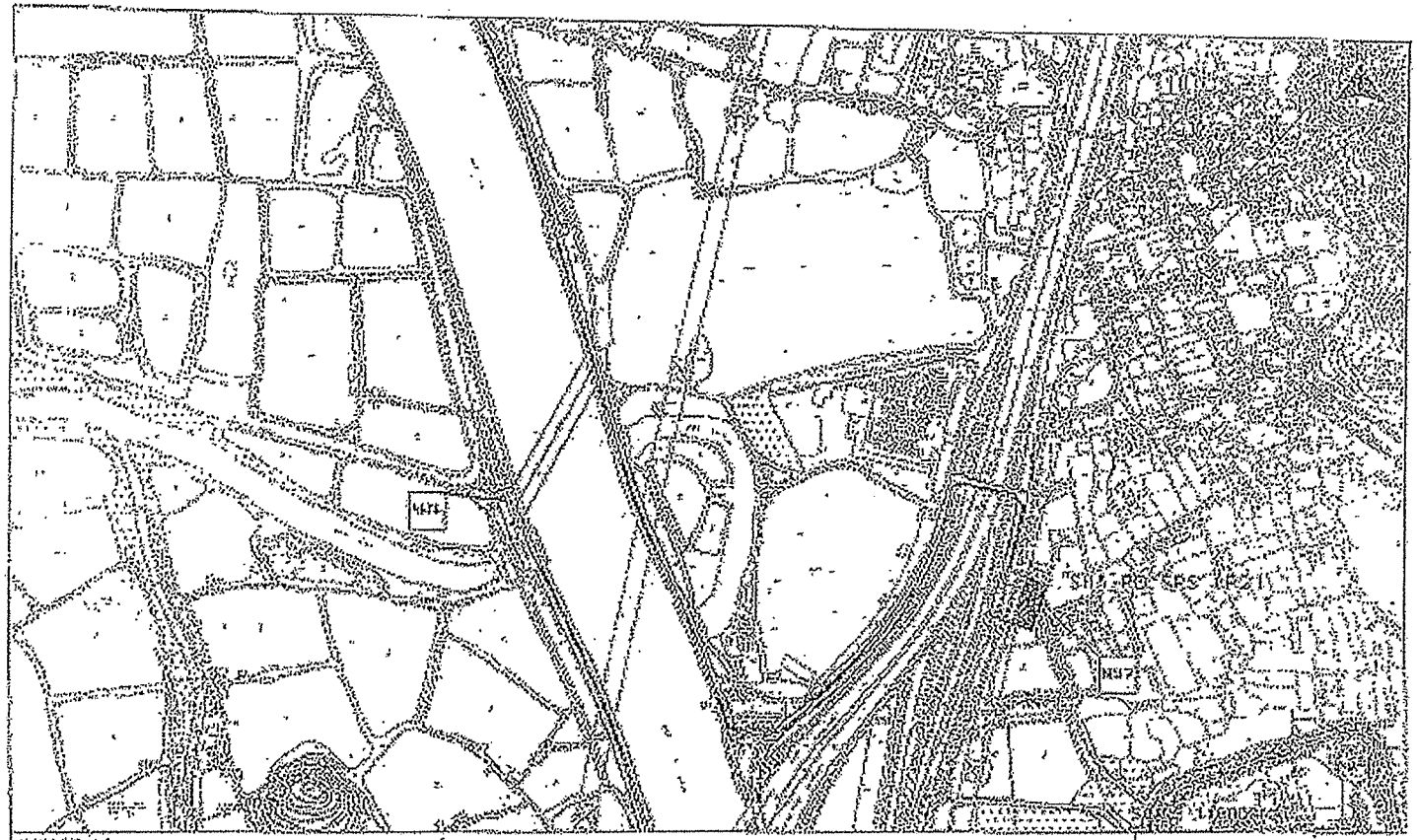


FIGURE 20.

LOCATION OF NOISE MONITORING STATIONS (1994 MAP)

Annex F

Event and Action Plan

Event and Action Plan for Construction Phase Air Quality

EVENT	ACTION			
	ET Leader	**IEC**	**Engineer**	**Contractor**
Action Level				
Exceedance for one sample	1. Identify source (s) of exceedance and inform IEC, Contractor and Engineer 2. Repeat dust measurements to confirm findings 3. Increase monitoring frequency to daily 4. Assess efficacy of remedial measures and keep the Contractor, IEC, and Engineer informed	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	1. Rectify any unacceptable practice 2. Liaise with Engineer and IEC to develop appropriate remedial measures to reduce dust impact 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
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.	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 Discuss with Engineer and IEC, to optimise the effectiveness of the agreed remedial actions
Limit Level				

Event and Action Plan for Construction Phase Air Quality

EVENT	ACTION			
	ET Leader	**IEC**	**Engineer**	**Contractor**
Exceedance for one sample	1. Identify source (s) of exceedance and inform IEC, Contractor and Engineer 2. Repeat dust measurements to confirm findings 3. Increase monitoring frequency to daily 4. Assess efficacy of remedial measures and keep the Contractor, IEC, Engineer and EPD informed	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 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.	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 agreed remedial actions
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. Discuss with Contractor and Engineer on possible remedial measures 2. Check and confirm Contractors proposed remedial measures are appropriate 3. 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.	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 and Action Plan for Construction Noise				
EVENT	**ACTION**			
	ET Leader	**IEC**	**Engineer**	**Contractor**
Limit Level				
Exceedance for one sample	1. Identify source (s) of exceedance and inform IEC, Contractor and Engineer 2. Repeat dust measurements to confirm findings 3. If repeat measurements confirm exceedance ,increase monitoring frequency to daily 4. Assess efficacy of remedial measures and keep the Contractor, IEC, and Engineer informed 5. 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	1. Rectify any unacceptable practice 2. Liaise with Engineer and IEC to develop appropriate remedial measures to reduce noise impact 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
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 4. Discuss remedial actions with IEC, Engineer and the EPD 5. Assess the efficacy of remedial measures and keep the Contractor informed 6. If exceedance continues, arrange meeting with Engineer, IEC and Contractor to review working practices and identify further remedial actions 7. 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. 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.	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 until the exceedance is abated

Annex G

Mitigation Implementation Schedule

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		CONSTRUCTION PHASE								
		AIR QUALITY - *Construction Phase*								
		The following measures are enforceable under the *Air Pollution Control (Construction Dust) Regulations*								
		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								
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		✓			*Part III, Clause 14, (b), Air Pollution Control (Construction Dust) Regulations*
		Stockpiling of Dusty Materials								
3.5	A3	• 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		✓			*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 immediately prior to any loading and unloading so as to maintain the dusty materials wet;	To control potential dust impacts during material handling and truck movements.	Site wide and throughout the full duration of the construction contract.	The Contractor		✓			*Part IV, Clause 19, Air Pollution Control (Construction Dust) Regulations*
		Use of vehicles								
3.5	A5	• 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		✓			*Part IV, Clause 21, (1), Air Pollution Control (Construction*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
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		✓			*Dust) Regulations Part IV, Clause 21, (2), Air Pollution Control (Construction Dust) Regulations*
		Power-driven drilling, and cutting								
3.5	A7	• 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*
		Excavation and earth moving								
3.5	A8	• 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*
		Construction of the superstructure of a building								
3.5	A9	• 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.	To control potential dust impacts during material transportation.	Full duration of SPS construction contract.	The Contractor		✓			*Part I, Clause 6, (b), Air Pollution Control (Construction Dust) Regulations*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		NOISE - *Construction Phase*								
		General Site Clearance – Demolition Works								
4.7.1	B1	• 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*
		Construction of Sewage Pumping Stations P1, P2 & P3								
4.7.1	B2	• 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 *P1, P2 & P3*	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	B3	• 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 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		✓			

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		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.						
		Sewers and Rising Mains using Pipe Jacking Method								
4.7.1	B6	• 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 construction works	Site wide and throughout the full duration of the construction contract.	The Contractor		✓			*Annex 5 of EIAO-TM*
		Road Pavement and Finishes								
4.7.1	B7	• 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		✓			*Annex 5 of EIAO-TM*
		WATER QUALITY - *Construction Phase*								
		No water quality monitoring is required under this study.								
		WASTE - *Construction Phase*								
6.6.2	D1	The Contractor shall obtain the necessary waste disposal permits from the appropriate authorities for the disposal of chemical and C&D waste, • Chemical Waste Producer and Chemical Waste Disposal Licence *(Waste Disposal (Chemical Waste) (General) Regulations); and* • Dumping Licence (*Land (Miscellaneous Provisions) Ordinance (Cap 28))*	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))*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		Chemical Waste								
6.6.2	D2	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		✓			*Part II, (6) Waste Disposal (Chemical Waste) (General) Regulation*
		Storage, Packaging and Labelling of Chemical Waste								
6.6.2	D3	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 • display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations.	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*
		Storage of chemical waste								
6.6.2	D4	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 • be arranged so that incompatible materials are	To ensure the proper storage 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, (13,14, 15, 16, 17, & 18) Waste Disposal (Chemical Waste) (General) Regulation*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		adequately separate								
		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		✓			*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.*
		LAND CONTAMINATION- *Construction Phase*								
7.5.6	E1	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*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		EPD, the contaminated site(s) shall be remediated in accordance with the approved CAR/RAP.								
		ECOLOGY - *Construction Phase*								
		Mitigation Measures Adopted - Avoidance								
8.7.1	F1	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		✓			
		Mitigation Measures Adopted - Minimisation								
8.7.2	F2	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	F4	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. The site inspections shall check and report the number of workfronts and implementation of	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		✓			

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		mitigation measures (i.e. erection of movable noise barriers with a suitable footing along the sites) in the monthly EM&A reports.								
		Mitigation Measures Adopted								
8.7.3	F5	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		✓			
8.7.4	F6	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		✓			
8.7.4	F7	No filling and dumping to the remaining abandoned fishpond at P2.	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	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. The minimal total combined volume of the silt removal facilities at Nam Sang Wai SPS (P3) should be 15m^3.	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		✓			
8.7.4	F9	No open fires within the site boundary during	To prohibit open fires, thereby	Site wide and throughout	The Contractor		✓			*Air Pollution Control*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		construction and provide temporary fire fighting equipment in the work areas.	minimising potential damage to trees and shrubs.	the full duration of the construction contract.						*(Open Burning) Regulation*
8.7.4	F7	No filling and dumping to the remaining abandoned fishpond at P2.	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	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		✓			
8.7.4	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* 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. The first monthly EM&A Report should also report the appearance of the temporary hoarding barriers.	To minimise potential landscape and visual impacts.	To be implemented during the construction phases of the project.	The Contractor		✓			
	H2	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	✓	✓			

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		submitted for approval by the EPD. The landscape plans and pumping station elevations should demonstrate that the following elements are considered: • existing landscape elements (such as mature trees), transplantation of valuable trees, new compensatory planting		project.						
		• 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 low chromatic intensity to reduce the potential contrast between the structures and their background. The external finishing of the Pumping Stations shall be designed in conjunction with the landscape scheme. • 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* *Air Quality*								
3.7	I1	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); • Worksite boundary facing Fung Kat Heung (AM5); • Worksite boundary facing Scattered House near Route 3 (AM6);	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*

EIA* Ref.	EM&A Ref	Environmental Protection Measures	Objectives of the Recommended Measures & Main Concerns	Location of the measure	Implementation Agent	Implementation Stage**				Relevant Legislation & Guidelines
						Des	C	O	Dec	
		• at any additional locations, where considered necessary, in agreement with EPD.								
4.9.1	I2	*Construction Noise* Subject to the Environmental Protection Departments (EPDs) agreement, construction phase noise monitoring shall be undertaken at the following locations in accordance with the recommendations of the EIA. • (NM3) Scattered House in Nam San Wai (D12); • (NM4) Scattered House in Nam San Wai (D11); • (NM6) Scattered House near Route 3 (D17); • (NM7) Fung Kat Heung (D19); • and at any additional locations, where considered necessary, in agreement with EPD	Installations of the noise monitoring stations to ensure the action and limit levels are not exceeded.	At specified noise monitoring locations throughout the duration of the construction works.	To be undertaken by the Environmental Team (ET) and reviewed and audited by the Engineer		✓			*Noise Control Ordinance*
Des = Design, C = Construction, O = Operation, Dec = Decommissioning										

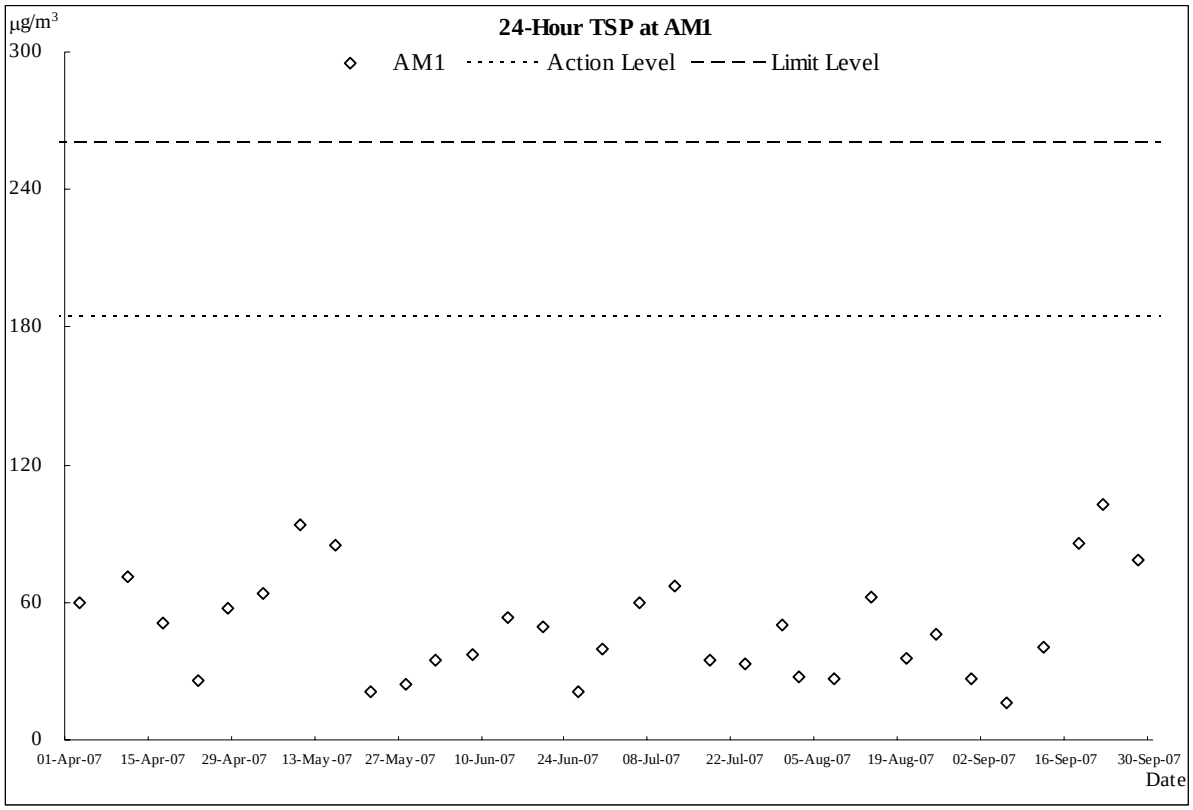
Annex H

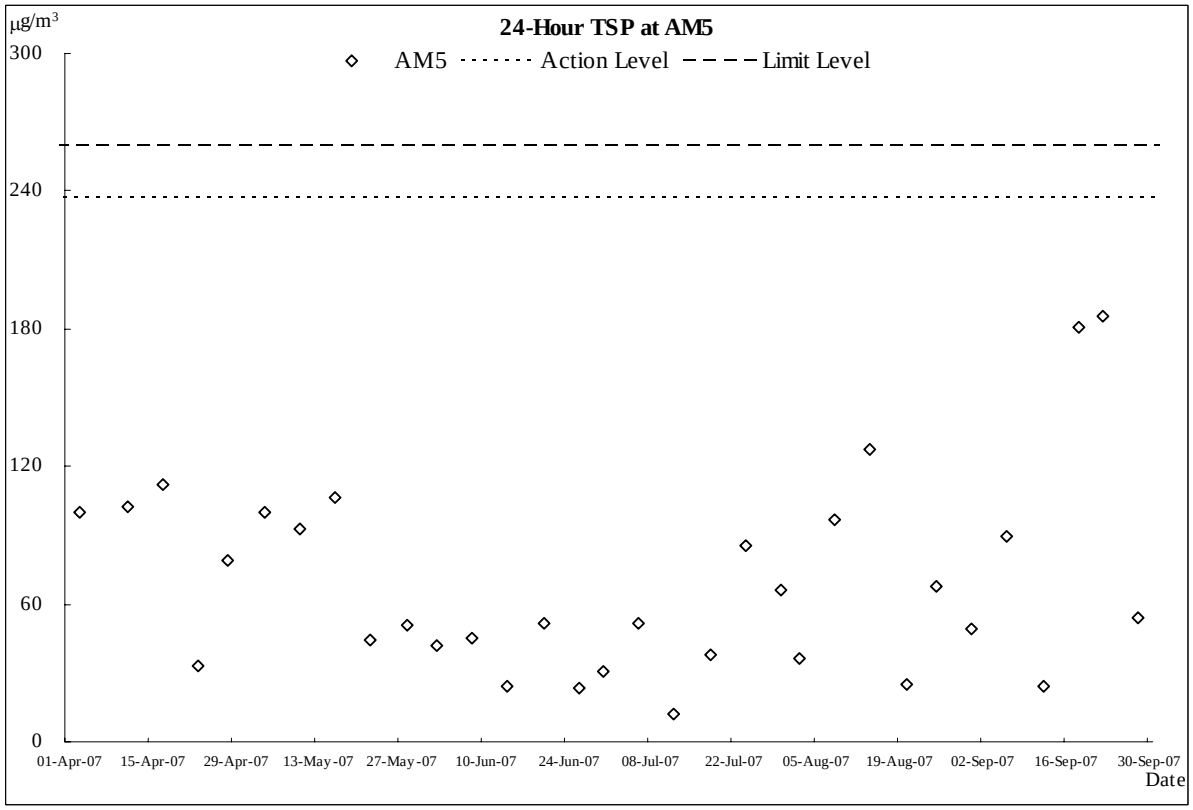
Monitoring Results & Graphical Plots of Air Quality and Noise Monitoring Results

Air Quality Monitoring Results & Graphical Plot

Date	24-Hr TSP (μg/m^3)			
	AM1	AM5	AM6	AM7
3-Apr-07	60	100	44	35
11-Apr-07	71	103	60	65
17-Apr-07	51	112	55	53
23-Apr-07	26	33	32	32
28-Apr-07	58	79	79	55
4-May-07	64	100	37	43
10-May-07	94	93	66	54
16-May-07	85	106	58	54
22-May-07	21	44	29	25
28-May-07	24	51	32	31
2-Jun-07	35	42	27	30
8-Jun-07	38	45	48	19
14-Jun-07	54	24	21	27
20-Jun-07	49	52	35	35
26-Jun-07	21	23	29	21
30-Jun-07	39	31	23	18
6 Jul 2007	59	51	27	26
12 Jul 2007	67	12	38	22
18 Jul 2007	35	38	25	19
24 Jul 2007	33	86	20	16
30 Jul 2007	50	66	31	16
2-Aug-07	28	36	28	16
8-Aug-07	27	96	73	60
14-Aug-07	62	127	24	25
20-Aug-07	36	25	48	44
25-Aug-07	46	68	44	39
31-Aug-07	27	50	33	25
06-Sep-07	16	90	70	39
12-Sep-07	40	24	59	39
18-Sep-07	85	181	108	91
22-Sep-07	103	185	85	111
28-Sep-07	78	54	39	32
Average (Range)	49 (16 - 103)	70 (12 - 185)	45 (20 - 108)	38 (16 - 111)

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


24-Hour TSP at AM1
µg/m3
AM1
Action Level
Limit Level
300
240
180
120
60
0
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
08-Jul-07
22-Jul-07
05-Aug-07
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date


24-Hour TSP at AM5
µg/m3
AM5
Action Level
Limit Level
300
240
180
120
60
0
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
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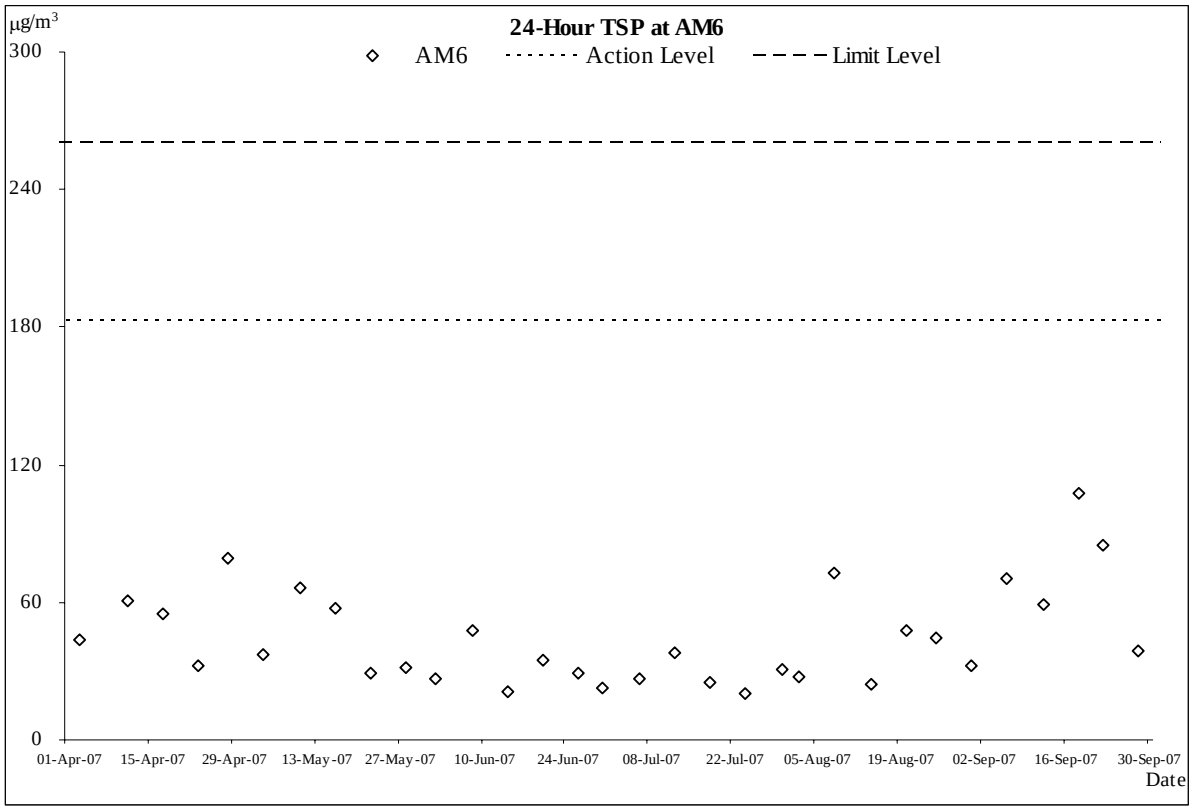
02-Sep-07
16-Sep-07
30-Sep-07
Date


24-Hour TSP at AM6
µg/m3
AM6
Action Level
Limit Level
300
240
180
120
60
0
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
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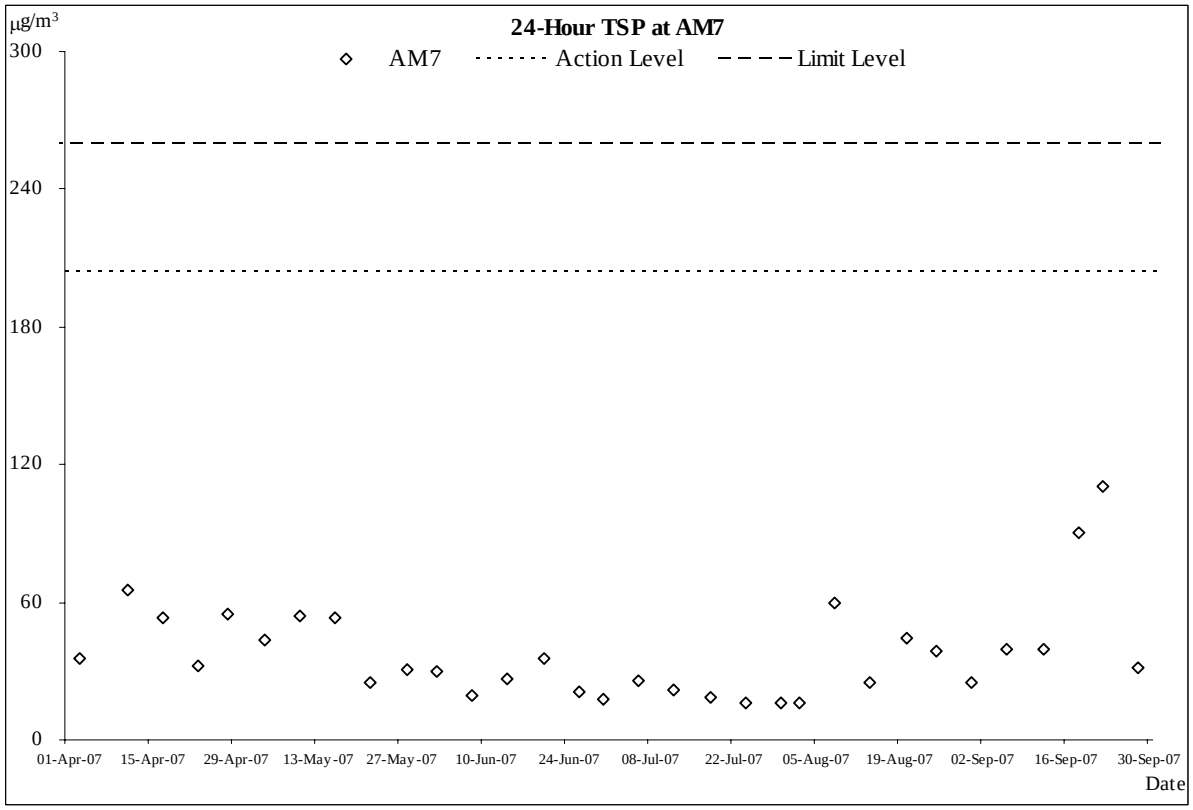
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date


24-Hour TSP at AM7
µg/m3
AM7
Action Level
Limit Level
300
240
180
120
60
0
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
08-Jul-07
22-Jul-07
05-Aug-07
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date

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
04-Apr-07	13:00	49.2	48.7	53.8	56.9	54.3	53.4	53.6	56.6
12-Apr-07	13:01	53.2	52.8	52.8	54.2	54.0	53.3	53.4	56.4
19-Apr-07	13:00	51.4	52.5	52.8	52.8	53.6	54.0	52.9	55.9
25-Apr-07	13:42	54.2	55.9	63.1	61.7	53.5	58.2	59.3	62.3
02-May-07	14:24	47.8	48.4	52.5	52.3	53.6	54.0	52.0	55.0
08-May-07	13:00	51.5	51.8	50.6	51.8	52.2	52.7	51.8	54.8
14-May-07	13:01	54.7	55.8	51.4	52.7	51.3	49.6	53.1	56.1
19-May-07	13:45	53.5	50.6	53.2	51.4	52.2	52.4	52.3	55.3
25-May-07	14:15	58.0	58.3	54.5	55.8	56.6	57.2	56.9	59.9
31-May-07	13:04	52.5	50.7	50.8	49.7	50.7	55.9	52.3	55.3
06-Jun-07	15:48	51.3	52.1	51.7	52.8	54.5	51.8	52.5	55.5
12-Jun-07	15:37	56.1	53.5	53.7	52.1	51.1	51.7	53.4	56.4
18-Jun-07	14:27	61.0	60.0	58.9	58.2	60.6	59.2	59.8	62.8
23-Jun-07	10:20	59.6	59.6	58.6	58.7	59.0	59.4	59.2	62.2
29-Jun-07	10:34	56.6	60.1	60.1	59.8	60.1	59.4	59.5	62.5
05-Jul-07	15:56	53.4	54.9	56.9	59.7	55.2	56.2	56.5	59.5
11-Jul-07	10:20	56.8	56.7	57.5	56.3	46.0	53.7	55.7	58.7
17-Jul-07	10:43	51.9	56.8	50.7	51.1	53.8	52.1	53.3	56.3
23-Jul-07	10:34	59.9	61.0	69.3	63.1	46.7	48.3	63.3	66.3
28-Jul-07	10:33	48.1	48.6	49.4	52.0	50.7	50.0	50.0	53.0
03-Aug-07	10:57	48.9	46.5	48.9	46.3	47.7	52.7	49.1	52.1
09-Aug-07	10:35	50.2	47.7	48.5	49.5	51.2	48.2	49.4	52.4
15-Aug-07	11:29	57.6	58.5	59.6	54.4	57.9	55.9	57.6	60.6
21-Aug-07	11:27	53.8	54.2	51.3	51.8	54.4	50.9	53.0	56.0
27-Aug-07	10:51	53.2	50.6	49.1	49.4	50.2	56.4	52.4	55.4
01-Sep-07	10:46	47.6	46.3	61.7	49.3	45.7	47.5	54.7	57.7
07-Sep-07	14:41	47.0	47.2	47.1	47.1	46.5	47.1	47.0	50.0
13-Sep-07	10:54	53.2	51.5	52.3	53.3	53.3	52.1	52.7	55.7
19-Sep-07	10:56	53.2	49.3	50.5	54.4	51.6	50.5	51.9	54.9
24-Sep-07	11:00	48.1	48.6	49.4	52.0	50.7	50.0	50.0	53.0
29-Sep-07	10:49	48.6	49.4	52.0	50.7	50.0	48.3	50.0	53.0
Limit Level									**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
4-Apr-07	10:44	53.4	52.9	56.3	54.8	53.2	51.7	54.0	57.0
12-Apr-07	10:43	58.8	57.7	57.6	58.4	58.6	59.3	58.4	61.4
19-Apr-07	10:22	53.5	55.2	53.9	54.3	52.0	59.4	55.4	58.4
25-Apr-07	10:33	52.1	53.4	53.4	48.3	53.9	58.5	54.3	57.3
2-May-07	13:41	55.7	57.0	58.1	57.4	53.1	62.1	58.1	61.1
8-May-07	10:34	56.1	53.5	48.6	50.3	58.6	54.4	54.8	57.8
14-May-07	10:34	63.7	67.9	67.6	69.4	68.1	67.4	67.6	70.6
19-May-07	13:08	49.4	49.1	53.6	50.6	49.7	50.3	50.7	53.7
25-May-07	13:28	58.4	57.3	57.2	56.9	57.7	60.2	58.1	61.1
31-May-07	10:42	57.4	55.4	54.0	54.9	60.0	59.9	57.6	60.6
6-Jun-07	14:53	67.4	62.7	63.1	64.3	63.3	60.3	64.1	67.1
12-Jun-07	14:12	59.9	61.4	61.2	62.2	58.7	57.7	60.5	63.5
18-Jun-07	15:24	61.4	62.1	61.6	63.8	63.5	63.5	62.8	65.8
23-Jun-07	9:41	68.5	73.3	73.9	72.6	67.5	72.3	71.9	74.9
29-Jun-07	9:53	60.4	60.6	61.6	60.5	59.5	60.7	60.6	63.6
5-Jul-07	15:13	52.4	54.3	53.4	58.6	53.8	52.9	54.8	57.8
11-Jul-07	10:07	56.3	51.2	51.6	52.6	54.2	55.4	54.0	57.0
17-Jul-07	10:05	58.9	61.4	54.9	57.4	56.8	56.8	58.2	61.2
23-Jul-07	10:03	56.7	57.7	59.0	58.6	58.4	57.3	58.0	61.0
28-Jul-07	9:53	54.3	61.1	61.3	60.8	62.5	62.2	61.0	64.0
3-Aug-07	10:53	52.6	53.5	52.5	53.8	51.9	52.3	52.8	55.8
9-Aug-07	13:28	54.1	53.2	55.7	54.6	54.3	53.2	54.3	57.3
15-Aug-07	10:34	51.4	52.5	53.7	52.0	53.1	55.4	53.2	56.2
21-Aug-07	10:20	55.6	52.7	56.7	55.1	55.6	58.5	56.0	59.0
27-Aug-07	9:52	53.6	53.1	55.3	62.1	62.1	63.0	60.0	63.0
1-Sep-07	9:53	55.3	54.1	57.2	56.6	53.9	53.6	55.3	58.3
7-Sep-07	13:44	51.9	53.6	50.0	49.4	48.5	49.5	50.9	53.9
13-Sep-07	9:57	57.0	58.6	60.5	60.5	62.3	61.5	60.4	63.4
19-Sep-07	9:42	54.5	53.0	52.6	52.8	56.2	54.2	54.1	57.1
24-Sep-07	9:43	59.8	61.5	59.9	59.4	59.7	59.9	60.1	63.1
29-Sep-07	9:46	55.4	54.6	55.2	53.6	56.4	55.1	55.1	58.1
Limit Level									**75**

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

Noise Monitoring Results at NM6

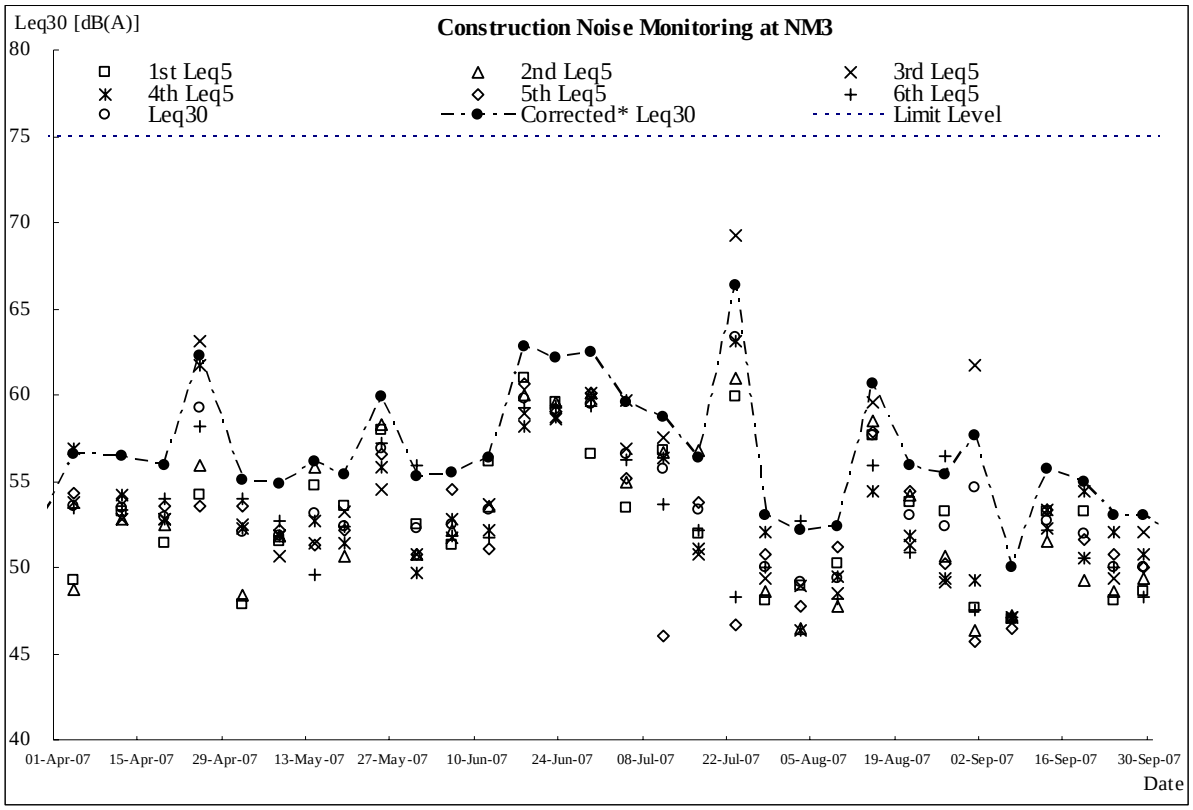
Date	Start Time	1st Leq5	2nd Leq5	3rd Leq5	4th Leq5	5th Leq5	6th Leq5	Leq30
4-Apr-07	13:46	64.0	72.3	62.7	56.6	55.9	54.8	65.7
12-Apr-07	14:55	64.4	65.4	65.6	64.5	64.7	64.4	64.9
19-Apr-07	15:10	58.9	62.0	57.9	58.9	56.4	57.5	59.0
25-Apr-07	10:42	66.5	64.4	60.3	57.3	60.8	58.7	62.5
2-May-07	13:43	72.9	70.1	72.0	71.8	72.5	61.1	71.2
8-May-07	10:32	61.8	61.1	58.4	60.1	60.0	60.1	60.4
14-May-07	10:30	60.3	61.2	63.0	61.8	60.9	60.3	61.4
19-May-07	11:30	56.6	55.7	54.8	61.2	57.7	54.4	57.4
25-May-07	10:10	65.3	68.0	67.7	66.8	64.7	62.8	66.2
31-May-07	14:50	64.0	61.0	64.4	58.1	63.8	60.8	62.5
6-Jun-07	13:44	62.4	61.3	59.2	57.0	58.3	57.4	59.7
12-Jun-07	13:47	65.7	69.6	70.6	71.7	70.9	68.1	69.8
18-Jun-07	10:34	56.8	61.2	54.1	66.4	72.0	72.2	68.1
23-Jun-07	14:11	67.7	58.7	62.1	66.3	66.8	66.3	65.6
29-Jun-07	13:53	56.3	57.3	59.0	55.5	56.3	55.7	56.9
5-Jul-07	13:32	62.1	68.2	59.3	57.7	56.9	56.2	62.5
11-Jul-07	14:41	70.9	62.8	59.0	69.2	56.2	57.4	66.1
17-Jul-07	14:02	64.2	65.0	62.1	63.0	64.0	65.4	64.1
23-Jul-07	13:38	59.9	61.8	59.9	61.0	56.7	55.4	59.7
28-Jul-07	13:37	56.5	56.3	59.4	58.2	57.2	58.6	57.8
3-Aug-07	14:28	58.8	58.7	57.9	59.3	58.3	62.7	59.6
9-Aug-07	14:57	59.5	56.7	61.6	58.9	58.1	61.7	59.8
15-Aug-07	14:32	60.5	60.4	55.3	55.1	55.7	58.0	58.1
21-Aug-07	14:30	56.2	57.9	57.6	58.6	56.7	59.1	57.8
27-Aug-07	15:00	58.1	56.7	57.7	58.6	59.2	60.2	58.6
1-Sep-07	13:35	57.4	56.6	67.1	57.4	56.8	57.6	61.1
7-Sep-07	10:56	57.0	55.2	55.2	56.7	54.5	58.1	56.3
13-Sep-07	15:13	57.3	56.4	56.6	56.5	64.1	60.1	59.6
19-Sep-07	13:58	56.3	61.8	57.7	58.5	65.5	58.4	61.0
24-Sep-07	14:12	56.5	56.3	59.4	58.2	57.2	58.6	57.8
29-Sep-07	13:48	55.1	54.3	65.7	55.4	53.1	63.2	60.6
Limit Level								**75**

* No façade correction was required

Noise Monitoring Results at NM7

Date	Start Time	1st Leq5	2nd Leq5	3rd Leq5	4th Leq5	5th Leq5	6th Leq5	Leq30
4-Apr-07	13:49	47.3	47.7	51.0	54.7	47.6	46.6	50.3
12-Apr-07	13:39	49.1	55.7	55.6	49.5	62.9	55.4	57.3
19-Apr-07	13:37	57.5	50.3	51.2	50.0	51.0	53.8	53.2
25-Apr-07	14:27	56.3	54.3	54.7	55.6	52.2	52.4	54.5
2-May-07	15:03	56.8	56.6	55.2	64.3	56.2	55.7	59.0
8-May-07	13:54	54.6	53.4	50.7	52.4	52.0	53.2	52.9
14-May-07	13:48	62.7	56.7	54.6	56.4	53.1	54.1	57.7
19-May-07	13:56	52.4	54.6	52.0	52.6	51.8	50.3	52.5
25-May-07	15:03	55.3	54.7	55.5	55.9	52.8	51.6	54.6
31-May-07	13:57	55.3	59.3	56.5	56.5	57.1	56.3	57.0
6-Jun-07	15:56	54.7	54.1	58.9	59.9	54.7	53.8	56.8
12-Jun-07	14:59	55.8	53.7	54.7	53.8	53.6	57.2	55.0
18-Jun-07	11:27	56.9	55.4	55.8	55.7	54.8	58.1	56.3
23-Jun-07	10:57	64.2	66.1	63.3	66.6	65.3	64.6	65.2
29-Jun-07	11:16	57.2	61.0	61.7	61.8	59.7	60.0	60.5
5-Jul-07	14:53	62.1	64.2	60.1	59.4	63.2	58.1	61.7
11-Jul-07	10:42	56.6	54.1	54.9	55.4	54.7	53.3	55.0
17-Jul-07	10:44	55.6	54.9	57.4	57.2	55.6	54.5	56.0
23-Jul-07	10:42	55.7	54.0	53.7	55.4	54.0	54.1	54.6
28-Jul-07	10:31	53.1	53.3	51.3	50.2	57.8	53.2	53.9
3-Aug-07	11:27	54.7	54.5	54.5	53.5	54.1	51.4	53.9
9-Aug-07	14:19	57.4	57.5	60.6	58.9	59.2	58.2	58.8
15-Aug-07	11:21	53.8	52.6	55.1	53.4	53.3	53.5	53.7
21-Aug-07	11:17	59.3	57.4	58.0	57.6	56.2	58.4	57.9
27-Aug-07	10:36	52.9	52.5	53.0	53.1	54.5	51.9	53.1
1-Sep-07	10:29	56.2	56.3	56.2	56.0	56.0	55.9	56.1
7-Sep-07	14:30	48.4	49.0	49.6	49.6	50.6	51.9	50.0
13-Sep-07	10:35	51.1	51.4	49.7	50.3	50.0	49.0	50.3
19-Sep-07	10:22	54.3	52.4	52.9	53.5	53.0	51.6	53.0
24-Sep-07	10:21	54.2	56.5	57.2	56.7	55.7	55.6	56.1
29-Sep-07	10:27	52.3	51.4	52.9	51.5	49.2	52.5	51.8
Limit Level								**75**

* No façade correction was required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1st Leq5
2nd Leq5
3rd Leq5
4th Leq5
5th Leq5
6th Leq5
Leq30
Corrected* Leq30
Limit Level
80
75
70
65
60
55
50
45
40
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
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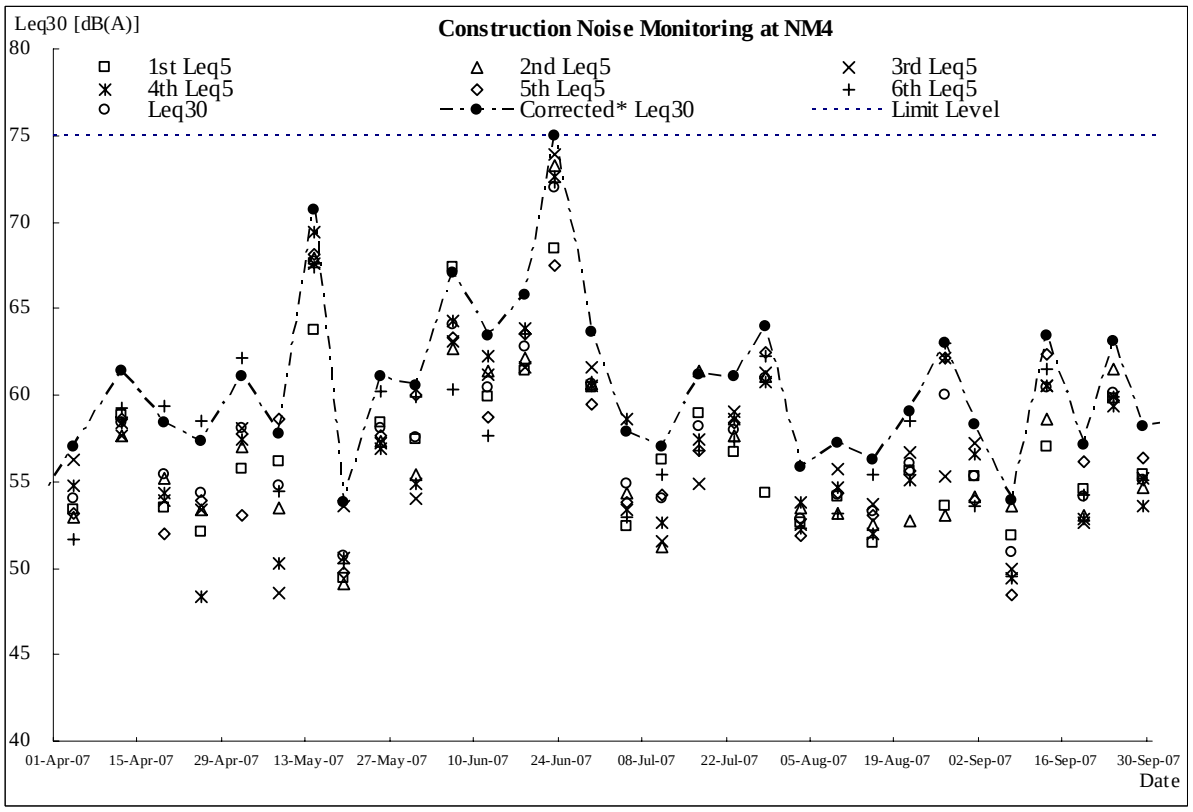
02-Sep-07
16-Sep-07
30-Sep-07
Date


Leq30 [dB(A)]
Construction Noise Monitoring at NM4
1st Leq5
2nd Leq5
3rd Leq5
4th Leq5
5th Leq5
6th Leq5
Leq30
Corrected* Leq30
Limit Level
80
75
70
65
60
55
50
45
40
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
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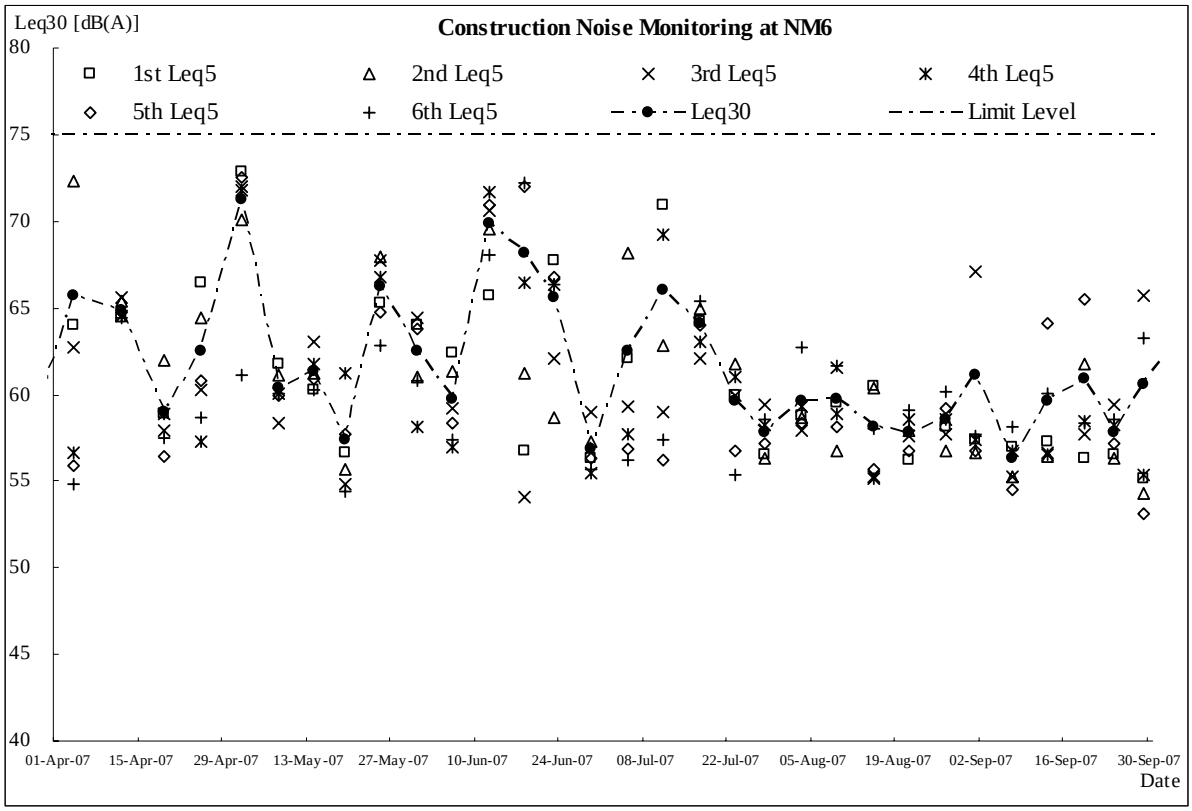
05-Aug-07
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date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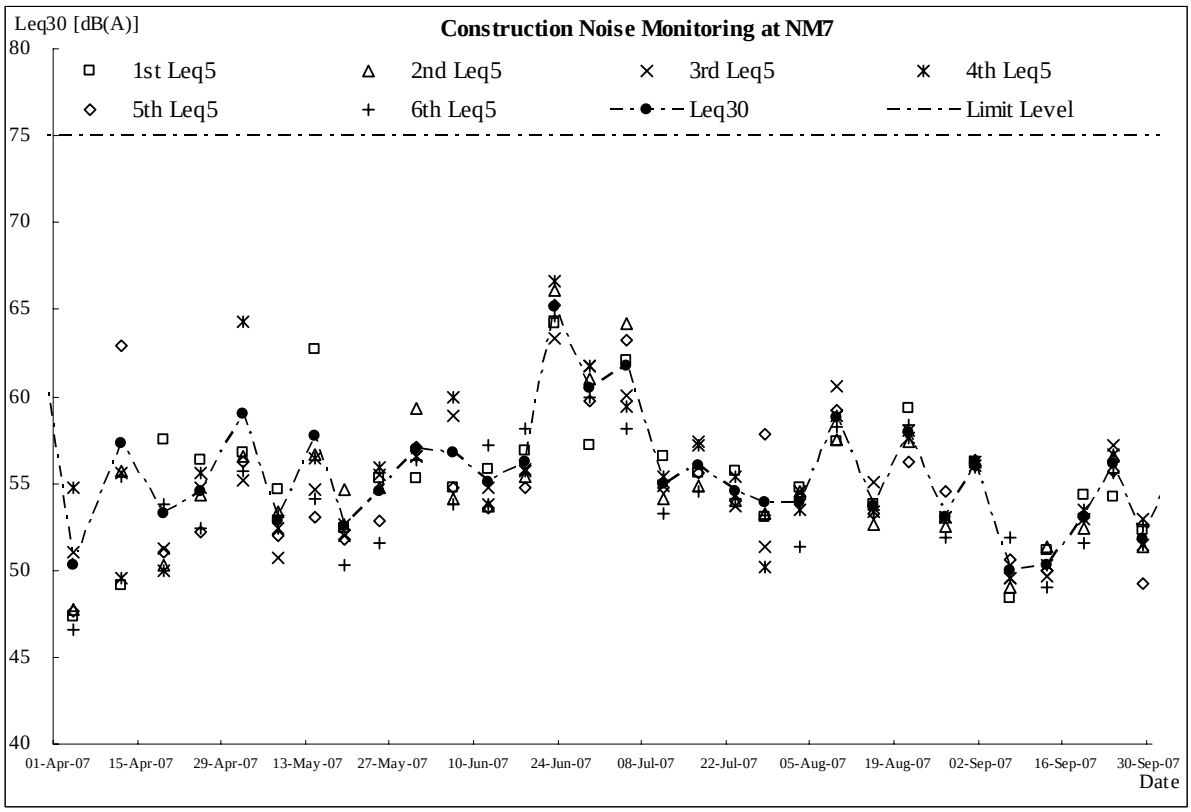
1st Leq5
2nd Leq5
3rd Leq5
4th Leq5
5th Leq5
6th Leq5
Leq30
Limit Level
80
75
70
65
60
55
50
45
40
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
08-Jul-07
22-Jul-07
05-Aug-07
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date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Construction Noise Monitoring at NM7
1st Leq5
2nd Leq5
3rd Leq5
4th Leq5
5th Leq5
6th Leq5
Leq30
Limit Level
80
75
70
65
60
55
50
45
40
01-Apr-07
15-Apr-07
29-Apr-07
13-May-07
27-May-07
10-Jun-07
24-Jun-07
08-Jul-07
22-Jul-07
05-Aug-07
19-Aug-07
02-Sep-07
16-Sep-07
30-Sep-07
Date

Annex I

Meteorological Data in the Reporting Period

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

April 2007

Date		Weather	Lau Fau Shan Station				
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-Apr-07	Sun	sunny/ showers	-	26.7	25	75	S/SW
2-Apr-07	Mon	cloudy/moderate/ rain/thunderstorms	24.2	21.7	20	95	SE/S
3-Apr-07	Tue	cool/ rain/ cloudy/ overcast/ moderate	1.6	14.2	25	75	NE
4-Apr-07	Wed	cloudy/ rain/ cool/ moderate	8.9	12.4	12	95	NE/E
5-Apr-07	Thu	cloudy/ rain	Trace	14.4	Holiday		
6-Apr-07	Fri	cloudy/ rain	1.7	16.6			
7-Apr-07	Sat	cloudy/ rain/ mist	0.6	17.3			
8-Apr-07	Sun	cloudy/ rain/ thunderstorms	0.3	18.5			
9-Apr-07	Mon	cloudy/ rain	Trace	22.2			
10-Apr-07	Tue	cloudy/ rain	6.6	18	9	90	NE/E
11-Apr-07	Wed	fine/ haze/ moderate	-	20	9	65	NE
12-Apr-07	Thu	fine/ very dry/ moderate	-	22	12	25	E
13-Apr-07	Fri	hazy/ sunny/ cloudy	-	21.2	9	65	W
14-Apr-07	Sat	cloudy/ haze/ sunny	Trace	23.8	9	65	SE/S
15-Apr-07	Sun	cloudy/ rain/ mist	-	25	18	75	SW/W
16-Apr-07	Mon	fine/ hazy/ moderate	-	25.7	6	80	SE/S
17-Apr-07	Tue	cloudy/thunderstorms/showers/moderate	6.6	24	30	75	SE/S
18-Apr-07	Wed	fine/ very dry/ moderate	-	21.6	30	35	N
19-Apr-07	Thu	fine/ dry/ moderate	-	22.4	15	55	E/SE
20-Apr-07	Fri	cloudy/ sunny/ moderate	-	23.3	11	82.5	SE/S
21-Apr-07	Sat	cloudy/mist/rain /sunny	-	24.9	12	90	E/SE
22-Apr-07	Sun	sunny/ showers/ mist	-	26.4	13	85	E/SE
23-Apr-07	Mon	cloudy/ rain/ fresh	7.8	27.1	15	70	E/SE
24-Apr-07	Tue	rain/ cloudy	64.4	22.9	16	75	S/SE
25-Apr-07	Wed	cloudy/ rain /moderate	0.5	19.8	6	96	E/NE
26-Apr-07	Thu	fine & dry/ cloudy/ rain	-	23.5	9.5	75	E/NE
27-Apr-07	Fri	fine/ a few showery	-	25.4	10.5	67.5	E/NE
28-Apr-07	Sat	a few showers/ sunny/	Trace	25.4	15	68.5	SE/E
29-Apr-07	Sun	cloudy / misty/ moderate	0.4	24.1	11.5	80	E/NE
30-Apr-07	Mon	rain/ cloudy	1.8	23.5	6.5	92	N

May 2007

Date		Weather		Lau Fau Shan Station			
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-May-07	Tue	fine / hot	0	26.6	13	57	SE
2-May-07	Wed	fine / haze / hot / light winds	0	25.3	5	52	N/NW
3-May-07	Thu	cloudy / sunny periods / light winds	Trace	25.6	11	67.5	E/SE
4-May-07	Fri	cloudy / rain	6.9	23.5	9	65	E
5-May-07	Sat	cloudy / rain / moderate	2.3	24.3	8.5	93.7	W/SW
6-May-07	Sun	fine / light winds / moderate	0	26.2	9	53.5	S/SE
7-May-07	Mon	fine / dry / haze / light winds / moderate	0	26.5	4.5	60.5	SE
8-May-07	Tue	fine / haze / hot/ dry	0	26.2	12	57.5	E
9-May-07	Wed	sunny periods / moderate / fresh	0	26.7	13.5	61	E
10-May-07	Thu	sunny periods / moderate / fresh strong	0	27.4	18.5	65	E
11-May-07	Fri	fine / hot / isolated showers	0	27.2	17.5	62.5	E
12-May-07	Sat	hot / fine / frest	0	26.7	9	69.5	E
13-May-07	Sun	hot / moderate / fresh / dry	0	27.4	12	72.5	E
14-May-07	Mon	fine / haze / moderate	0	25.8	7.5	62	SE
15-May-07	Tue	fine / lightwinds / hot	0	27.8	15.5	75.5	SE
16-May-07	Wed	hot / lightwinds	0.1	28.4	17.5	71.5	SE
17-May-07	Thu	hot / humid / gale	trace	28.3	15	75	N
18-May-07	Fri	hot / rain / moderate	13.8	28.3	11	70.5	W/SW
19-May-07	Sat	hot / rain / moderate	47.2	25.5	12.5	72.5	E
20-May-07	Sun	wild / rain / cloudy	81.6	22.3	13	82	E
21-May-07	Mon	warm / rain / cloudy	29.7	24.6	14	88.5	E
22-May-07	Tue	rain / moderate / fresh	37.3	32.5	15.5	89.5	E/SE
23-May-07	Wed	sunny intervals/a few showers/moderate/fresh	0.6	27.9	14.5	89	SE/E
24-May-07	Thu	hot / fine	0	29.6	16	75	S/SE
25-May-07	Fri	hot / fine / moderate	0	30.3	11.5	76	S
26-May-07	Sat	fine / hot / moderate / isolated showers	0	29.8	17	75	S
27-May-07	Sun	Rain / hot	53	27.5	37	86.5	W
28-May-07	Mon	fine / hot / moderate / isolated showers	10.9	27.3	35	86.5	E
29-May-07	Tue	fine / hot / moderate	0	28.4	13.5	81	SE/E
30-May-07	Wed	fine / showers / very hot / moderate	0	29.3	13	79.5	SE
31-May-07	Thu	isolated showers/sunny/intervals/moderate/hot	4.9	27.9	11.7	81	SE

June 2007

Date		Weather		Lau Fau Shan Station			
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-Jun-07	Fri	fine/very hot/moderate/thunder storm/isolated showers	4	30.2	13.5	80	S/SE
2-Jun-07	Sat	very hot / moderate / sunny periods / isolated slower / thunderstorm	9.2	29.5	15	73.5	S/SW
3-Jun-07	Sun	very hot / moderate / sunny periods / isolated slower / thunderstorm	0.1	30.5	18.7	72.5	S/SW
4-Jun-07	Mon	fine / hot / moderate / island showers / thunderstorms	0.1	30.4	15	76.5	W/SW
5-Jun-07	Tue	fine/sunny periods/hot/fresh/moderate/island showers/thunderstorm	Trace	29.3	18	76	SW
6-Jun-07	Wed	moderate/hot/fresh/scattered showers	1.3	29.9	18	74.5	SW
7-Jun-07	Thu	cloudy/scattered showers/squally thunderstorms/moderate/fresh	41.3	28	23	82	S/SW
8-Jun-07	Fri	cloudy/overcast/showers/moderate/fresh/squally thunderstorm	14.1	26.8	27	90.5	SW
9-Jun-07	Sat	cloudy/showers/moderate/a few showers/squally thunderstorm	5.4	28.1	26	86	SW
10-Jun-07	Sun	rain/moderate/fresh	95.5	25.1	25.5	84	SW
11-Jun-07	Mon	hot/moderate/fresh	Trace	28.4	11	82.5	S/SW
12-Jun-07	Tue	cloudy/rain/ squally thunderstorms/moderate/fresh	6.8	27.2	9	88.5	S/SW
13-Jun-07	Wed	cloudy/rain/squally thunderstorms/moderate/fresh	35.3	27.3	20.5	87	S/SW
14-Jun-07	Thu	cloudy/fresh/strong/moderate/scattered showers/squally thunderstorms	29.6	25.6	23	84.7	S/SW
15-Jun-07	Fri	cloudy/light winds/sunny intervals/a few showers	13.1	27.1	24	88	N
16-Jun-07	Sat	sunny/periods/a few showers/hot/light winds	Trace	28.5	10.5	87.5	SE
17-Jun-07	Sun	fine/moderate/hot/ isolated showers	0.5	28.4	11.5	90	SE
18-Jun-07	Mon	fine/moderate/hot/ isolated showers	0	28.6	9.5	79	E
19-Jun-07	Tue		Holiday				
20-Jun-07	Wed	fine/hot/moderate/ isolated showers	0	28.5	12	54.7	E/SE
21-Jun-07	Thu	fine/light winds/thunderstorms/isolated showers	5.6	30.5	11.5	80	SE
22-Jun-07	Fri	fine / hot / isolated showers / light winds	0	29.7	10	76	SE
23-Jun-07	Sat	sunny/very hot/isolated showers/fine/moderate	0	29.5	15	77.5	S/SE
24-Jun-07	Sun	sunny/very hot/moderate/thunderstorms	0	30.9	20	80.5	S/SW
25-Jun-07	Mon	sunny periods/a few showers/moderate/thunderstorms	3.2	30.5	18.5	83.5	S/SW
26-Jun-07	Tue	hot/rain/a few showers/moderate	15.3	29.9	16	73.5	S/SE
27-Jun-07	Wed	cloudy/moderate/scattered showers/squally thunderstorms	34.9	29.2	15.5	79.5	S/SE
28-Jun-07	Thu	cloudy/rain/squally thunderstorms/moderate/fresh	53.2	25.9	15.5	83.5	SE
29-Jun-07	Fri	cloudy/moderate/scattered showers	62.3	26.9	17.5	90.7	S/SE
30-Jun-07	Sat	cloudy/moderate/squally showers/fresh/thunderstorms	59.3	27.3	20	85	S/SE

July 2007

Date		Weather		Lau Fau Shan Station			
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-Jul-07	Sun	cloudy/moderate/fresh/thunderstorms	3	27	18.5	85	S/SE
2-Jul-07	Mon			Holiday			
3-Jul-07	Tue	cloudy/fresh/strong sunny/scattered showers/intervals	0.3	28.3	18.5	79	E/SE
4-Jul-07	Wed	sunny periods/scattered showers/moderate/fresh	19.3	29.3	14	78.5	SE
5-Jul-07	Thu	a few showers/ moderate/squally thunderstorm/sunny periods/fresh	17.8	29.1	18	78	S/SE
6-Jul-07	Fri	sunny periods/a few showers/moderate	5.5	29.1	13.5	77	S/SE
7-Jul-07	Sat	fine/isolated showers/very hot/moderate	Trace	29.9	13.5	77	S/SE
8-Jul-07	Sun	fine/isolated showers/very hot/moderate	0.3	30	18	75	S/SE
9-Jul-07	Mon	fine/isolated showers/very hot/moderate	2.7	30	15.5	81.5	S/SE
10-Jul-07	Tue	fine/very hot/moderate/isolated showers	0.4	30.1	17.5	71.5	S/SW
11-Jul-07	Wed	fine/very hot/moderate	0	30.1	15	74.5	S.SW
12-Jul-07	Thu	fine/very hot/light winds/isolated showers	0	30.1	13.5	78	W/SW
13-Jul-07	Fri	fine/very hot/isolated showers/moderate	0	30.7	14	76.2	W/SW
14-Jul-07	Sat	fine/very jot/isolated showers/moderate	0	30.8	12	73.5	S/SW
15-Jul-07	Sun	fine/very jot/isolated showers/moderate	0.6	31.2	14.5	72	S
16-Jul-07	Mon	fine/very jot/isolated showers/moderate	0.8	30	14	83	W/SW
17-Jul-07	Tue	hot/a few showers/sunny periods/moderate/fresh	1.6	29.8	17.5	78.5	S
18-Jul-07	Wed	hot/a few showers/sunny periods/moderate/fresh	3.7	30.1	15.5	79	S
19-Jul-07	Thu	fine/hot/fresh/showers/moderate	5.4	30.6	17.5	75	S/SW
20-Jul-07	Fri	fine/very hot/fresh/moderate/isolate showers	0	30.8	22.5	72	S/SW
21-Jul-07	Sat	fine/very hot/moderate	0	30.5	20	73	S/SW
22-Jul-07	Sun	fine/very hot/moderate	0	31	16.5	70.5	S/SW
23-Jul-07	Mon	fine/very hot/moderate	0	30.6	13.5	79.5	S/SW
24-Jul-07	Tue	fine/very hot/moderate	0	31	17	74	S/SW
25-Jul-07	Wed	fine/very hot/moderate	0	30.2	16	71.5	S/SW
26-Jul-07	Thu	fine/very hot/moderate	0	28.3	15.5	72	W
27-Jul-07	Fri	fine/very hot/isolated showers/light winds	Trace	29.5	15.5	72.5	S/SE
28-Jul-07	Sat	fine/very hot/isolated showers/moderate	Trace	Maintenance			
29-Jul-07	Sun	fine/very hot/isolated showers/moderate	Trace	Maintenance			
30-Jul-07	Mon	fine/very hot/isolated showers/light winds	Trace	Maintenance			
31-Jul-07	Tue	fine/isolated showers/thunderstorms/very hot/light winds	Trace	Maintenance			

August 2007

Date		Weather		Lau Fau Shan Station			
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-Aug-07	Wed	fine/very hot/isolated showers/thunderstorms/light winds	0	29.7	17	77	S/SE
2-Aug-07	Thu	fine/very hot/isolated showers/light winds	0	30.1	17.5	77	S/SE
3-Aug-07	Fri	fine/very hot/light winds	0	31	13	72.5	S/SE
4-Aug-07	Sat	fine/very hot/a few showers/moderate	0	30.3	15	66	E
5-Aug-07	Sun	hot/isolated showers/squally thunderstorms	7.7	30.8	10.5	73.5	E/SE
6-Aug-07	Mon	cloudy/scattered showers/squally thunderstorms/moderate/fresh	100.4	27.3	14	88	E/NE
7-Aug-07	Tue	cloudy/a few showers/thunderstorms/sunny intervals/moderate/fresh	17.4	29	13.5	82	E
8-Aug-07	Wed	cloudy/haze/squally showers/thunderstorms/moderate/fresh/strong	17.9	29.7	10.5	73	E/SE
9-Aug-07	Thu	cloudy/overcast/rain/squalls/fresh	33.6	28.2	22	78.5	E/NE
10-Aug-07	Fri	cloudy/overcast/squally showers/moderate/fresh/strong	57.8	25.5	16	85	E/SE
11-Aug-07	Sat	cloudy/rain/fresh/strong/squally thunderstorms	39.9	25.6	23.5	89.5	S/SW
12-Aug-07	Sun	cloudy/rain/mist/moderate	5.3	26.7	8	91.5	W/SW
13-Aug-07	Mon	cloudy/a few showers/thunderstorms/moderate	Trace	28.3	13	89	S/SE
14-Aug-07	Tue	cloudy/overcast/rain/squally thunderstorms/moderate	14.7	26.3	21.5	85	W/SW
15-Aug-07	Wed	cloudy/rain moderate	10.9	27.7	14	85	NW
16-Aug-07	Thu	cloudy/a few showers/moderate	60.7	25.6	12	81	E/NE
17-Aug-07	Fri	sunny intervals/a few showers/fresh/strong	27.9	27.8	13.5	81.5	E
18-Aug-07	Sat	fine/very hot/haze/moderate/squally thunderstorms/moderate	1.2	28.5	13.5	79.5	W/NW
19-Aug-07	Sun	fine/very hot/light winds	0	29	17.7	71	W/SW
20-Aug-07	Mon	cloudy/scattered showers/squally thunderstorms/fresh	Trace	27.4	25.5	84	SW
21-Aug-07	Tue	cloudy/moderate/fresh/scattered showers/squally thunderstorms	Trace	28.1	21	79	S/SW
22-Aug-07	Wed	cloudy/fresh/moderate/squally thunderstorms/scattered showers	15.1	26.6	25	85.5	S/SW
23-Aug-07	Thu	cloudy/scattered showers/squally thunderstorms/light winds	Trace	28.3	16	84.5	S/SE
24-Aug-07	Fri	fine/isolated showers/light winds	15.3	28.1	17	85	E/SE
25-Aug-07	Sat	a few showers/sunny periods/light winds	10.3	28	12.5	82.5	E/SE
26-Aug-07	Sun	sunny intervals/a few showers/moderate	Trace	27.9	12	73	S/SE
27-Aug-07	Mon	a few showers/sunny intervals/moderate	25	28.5	12	78	E
28-Aug-07	Tue	a few showers/sunny intervals/moderate	25.9	28.5	13	83.5	E
29-Aug-07	Wed	sunny periods/isolated showers/moderate	1.3	29.3	12	80	E
30-Aug-07	Thu	fine/isolated showers/thunderstorms/light winds	0.1	28.1	12	79.5	SE
31-Aug-07	Fri	fine/hot/isolated showers/light winds	0	28.4	14	79.5	SE

September 2007

Date		Weather		Lau Fau Shan Station			
			Total Rainfall (mm)	Mean Air Temperature (°C)	Wind Speed (km/h)	Mean Relative Humidity (%)	Wind Direction
1-Sep-07	Sat	fine/hot/isolated showers/thunderstorms/light winds	0	28.3	12	75	S/SE
2-Sep-07	Sun	sunny intervals/a few showers/squally thunderstorms/light winds	3.7	27.7	9.5	84	E/SE
3-Aug-07	Mon	cloudy/a few showers/squally thunderstorms/light winds	Trace	28.9	14.5	77	SE
4-Sep-07	Tue	cloudy/a few showers/light winds	2.3	27	15	81.5	S/SE
5-Sep-07	Wed	cloudy/a few showers/sunny intervals/moderate	1.5	26.6	15	78.5	E/NE
6-Sep-07	Thu	cloudy/sunny intervals/hazy/moderate	0	26.1	14.5	69.5	E/NE
7-Sep-07	Fri	sunny periods/hazy/moderate	0.1	26.7	8.2	72	E/SE
8-Sep-07	Sat	sunny periods/cloudy/moderate	Trace	28.3	9.5	74	E
9-Sep-07	Sun	sunny periods/cloudy/moderate	Trace	28.3	16	74	E/SE
10-Sep-07	Mon	cloudy/sunny intervals/rain moderate fresh	Trace	28.6	16.5	74.5	E
11-Sep-07	Tue	Sunny periods/rain/moderate/fresh	10.7	28.7	16.5	68.7	E
12-Sep-07	Wed	fine/isolated showers/moderate	Trace	28.3	13	72.5	E
13-Sep-07	Thu	fine/dry/moderate/fresh			14	63.5	E
14-Sep-07	Fri	fine/hazy/dry/light winds	0	27.9	8	64.5	E/SE
15-Sep-07	Sat	fine/hazy/isolated showers/light winds	0	28.6	9	69.5	S/SE
16-Sep-07	Sun	hazy/isolated showers/light winds	6	28.9	7.5	77	E/SE
17-Sep-07	Mon	hazy/isolated showers/light winds	0.5	28.5	6	81	E
18-Sep-07	Tue	fine/very dry/haze/moderate/fresh	0	28.5	20	56	N
19-Sep-07	Wed	fine/dry/hazy/fresh/strong	0	27.6	24.2	51	N/NW
20-Sep-07	Thu	sunny periods/dry/moderate/fresh	0.1	28.4	21	53.5	NE
21-Sep-07	Fri	sunny periods/haze/rain/moderate/fresh	1.7	27.8	13.5	66.5	E/NE
22-Sep-07	Sat	fine/dry/haze/moderate/fresh	0	28.2	15.5	6.12	NE
23-Sep-07	Sun	cloudy/overcast/rain/fresh/strong	12.5	25.4	24.5	83.5	N/NE
24-Sep-07	Mon	cloudy/overcast/rain/fresh/strong	60.1	24.8	17	94	E/NE
25-Sep-07	Tue	cloudy/rain/thunderstorms/fresh/strong	2.1	26.8	15.5	88	E
26-Sep-07	Wed			Holiday			
27-Sep-07	Thu	fine/moderate	0	28.4	13.5	70	E
28-Sep-07	Fri	fine/isolated showers/cloudy/moderate	0	28.5	11	Maintenance	E
29-Sep-07	Sat	fine/dry/moderate	Trace	28.8	11.5	73	E/NE
30-Sep-07	Sun	fine/dry/moderate	0	29.7	10	74.5	E/NE