

NEO Kim Teck  
Chairman

4 March 2008

Environmental Impact Assessment Ordinance Register Office  
27/F, Southorn Centre  
130 Hennessy Road  
Wanchai, Hong Kong

Attention: Mr. Lawrence Ngo

Our Ref: CPBEC/OTHS/ECPT/EPD/L/1269  
Your Ref:

Dear Sir,

**Emission Control Project at the Castle Peak 'B' Power Station "B" Units  
Environmental Permit (No. EP-251/2006)  
Baseline Water Quality Monitoring Report (Version 3.1)**

---

Pursuant to Condition 3.3 of the captioned Environmental Permit, we are pleased to submit four hard copies and one electronic copy of the revised Baseline Monitoring Report addressing comments on the previous submission.

Please note the Action and Limit Level for SS and Turbidity stated on Page 9/10, Tables 2.8 & 2.9 in the previous submission are based on the approved EIA Report (Register No.: AEIAR-102/2006) Section 10.1.1 (Table 10.2).

Please direct any further inquiries to our Mr. David Yip, Environmental Team Leader or Mr. Marcus Ip, the Independent Environmental Checker.

Yours faithfully,  
For and on behalf of Castle Peak Power Company Limited



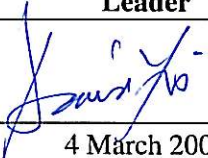

Paul Ellingsen  
Project Director  
CPPS Emission Control Project

Encl.

cc Mr. Clarus Chu - WWF  
Mr. Michael Lee - WWF

**Emissions Control Project at Castle Peak  
Power Station 'B' Units**

**Baseline Water Quality Monitoring Report**

	<b>Certified by:</b>	<b>Verified by:</b>	
<b>Name</b>	David Yip	Marcus Ip	
<b>Position</b>	Environmental Team Leader	Independent Environmental Checker	
<b>Signature</b>			
<b>Date</b>	4 March 2008	4 March 2008	

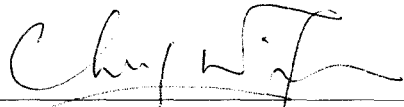
<b>Version No.</b>	<b>Date</b>	<b>Remarks</b>
2.1	28 January 2008	Issue to EPD
3.1	4 March 2008	Revised in response to EPD comments

# China Harbour Engineering Company Limited

## *Emissions Control Project at Castle Peak Power Station "B" Units*

### **Baseline Water Quality Monitoring Report (Version 3.1)**

February 2008

Approved By	 Material Handling Berth - Contractors Environmental Consultant Team Leader
-------------	---

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties.

#### **CINOTECH CONSULTANTS LTD**

Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong  
Tel: (852) 2151 2083 Fax: (852) 3107 1388  
Email: [info@cinotech.com.hk](mailto:info@cinotech.com.hk)

## TABLE OF CONTENTS

	<b>Page</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>1</b>
Water Quality .....	1
<b>1 INTRODUCTION</b> .....	<b>2</b>
Background .....	2
Purpose of the Report .....	2
Structure of the Baseline Monitoring Report .....	2
<b>2 WATER QUALITY</b> .....	<b>3</b>
Monitoring Requirements .....	3
Monitoring Locations .....	3
Monitoring Equipment .....	3
Monitoring Parameters, Frequency and Duration .....	4
Monitoring Methodology and QA/QC Procedures .....	5
Results and Observations .....	5
Action and Limit Levels .....	9
<b>3 REVISIONS FOR INCLUSION IN THE APPROVED EIA REPORT AND EP CONDITIONS 3.2</b> .....	<b>11</b>
<b>4 CONCLUSIONS</b> .....	<b>11</b>

## LIST OF TABLES

<b>TABLE 2.1</b>	<b>LOCATIONS FOR BASELINE WATER QUALITY MONITORING STATIONS.....</b>	<b>3</b>
<b>TABLE 2.2</b>	<b>WATER QUALITY MONITORING EQUIPMENT.....</b>	<b>4</b>
<b>TABLE 2.3</b>	<b>PARAMETERS AND FREQUENCY FOR BASELINE WATER QUALITY MONITORING.....</b>	<b>4</b>
<b>TABLE 2.4</b>	<b>BASELINE WATER QUALITY MONITORING RESULTS DURING MID-EBB .....</b>	<b>5</b>
<b>TABLE 2.5</b>	<b>BASELINE WATER QUALITY MONITORING RESULTS DURING MID-FLOOD .....</b>	<b>6</b>
<b>TABLE 2.6</b>	<b>SUMMARY OF THE RESULTS OF OUTLIERS .....</b>	<b>8</b>
<b>TABLE 2.7</b>	<b>SUMMARY OF THE RESULTS OF ANOVA.....</b>	<b>9</b>
<b>TABLE 2.8</b>	<b>ACTION AND LIMIT LEVELS FOR WATER QUALITY MONITORING .....</b>	<b>9</b>
<b>TABLE 2.9</b>	<b>CALCULATED ACTION AND LIMIT LEVELS FOR WATER QUALITY MONITORING.....</b>	<b>10</b>

## LIST OF FIGURES

Figure 1.1	Site Layout Plan
Figure 2.1	Locations of Baseline Water Quality Monitoring Stations

## LIST OF APPENDICES

Appendix A	Copies of Calibration Certificates for Water Quality Monitoring Equipment
Appendix B	Quality Control Report for SS Laboratory Analysis
Appendix C	Baseline Water Quality Monitoring Results
Appendix D	Graphical Presentation of Baseline Water Quality Monitoring Data
Appendix E	Weather Conditions during Baseline Monitoring Period
Appendix F	Baseline Monitoring Schedule

## **EXECUTIVE SUMMARY**

This Baseline Environmental Monitoring Report was prepared by Cinotech Consultants Ltd. for the Project "Emissions Control Project at Castle Peak Power Station "B" Units". This report presents the baseline water quality monitoring works performed between 26 November 2007 and 21 December 2007.

### **Water Quality**

The baseline water quality monitoring was conducted at twelve monitoring stations (C1, C2, SR1 to SR8 and G1, G2) between 26 November 2007 and 21 December 2007. Monitoring was conducted three times per week for four consecutive weeks, during mid-ebb and mid-flood tides to monitor the water depth, dissolved oxygen, turbidity, suspended solids, salinity and temperature. The data was processed, reviewed and analyzed to establish the Action and Limit Levels for dissolved oxygen, turbidity and suspended solids during impact/compliance monitoring throughout the construction of the Project.

The baseline water quality data established in this report are considered representative of the baseline conditions for the Project.

## 1 INTRODUCTION

### Background

- 1.1 The Project “Emissions Control Project at Castle Peak Power Station “B” Units” with an Environmental Permit No. EP-251/2006 was awarded to China Harbour Engineering Company Limited (hereinafter called the “Contractor”) by CLP Power Hong Kong Limited.
- 1.2 The Project mainly involves the installation of additional emission control facilities to further reduce air emissions from the operation of the Castle Peak Power Station “B” Units (CPB). The general layout of the Project is shown in **Figure 1.1**.
- 1.3 Cinotech Consultants Limited was commissioned by the Contractor to undertake the Environmental Monitoring and Audit (EM&A) works for the Project. This Baseline Environmental Monitoring Report (the Report) is prepared by Cinotech for the Project prior to the commencement of dredging works in accordance with the procedures and requirements set out in the approved EIA Report (Register No. AEIAR-102/2006) and EP Conditions 3.2.

### Purpose of the Report

- 1.4 The purpose of this Baseline Environmental Monitoring Report is to set out baseline levels for the water quality for Emissions Control Material Handling Berth and establish the Action and Limit Levels for impact monitoring. These baseline levels will be used as the basis for the impact and compliance monitoring during the construction stage of the Project. This report presents the monitoring locations, equipment, period, methodology, results and observations for water quality measurements during the baseline period.

### Structure of the Baseline Monitoring Report

- 1.5 The structure of the Report is as follows:
  - Section 1: Introduction, purpose, background and the structure of the report.
  - Section 2: Water Quality, which describes the baseline water quality monitoring.
  - Section 3: Revisions for inclusion in the Approved EIA Report and EP Conditions 3.2.
  - Section 4: Conclusions.

## 2 WATER QUALITY

### Monitoring Requirements

- 2.1 Baseline water quality monitoring was conducted three times per week for four consecutive weeks at the designated monitoring stations between 26 November and 21 December 2007. Monitoring took place two times per monitoring day during mid ebb and mid flood tides at three depths (1 meter from surface, mid depth and 1 meter from the bottom). Dissolved oxygen, Suspended solids (SS), turbidity, salinity and temperature were monitored in accordance with the requirements set out in the approved EIA Report and EP Conditions 3.2.

### Monitoring Locations

- 2.2 In accordance with the requirements set out in the approved EIA Report and EP Conditions 3.2, Twelve water quality monitoring locations (Stations C1, C2, SR1 to SR8 and G1 and G2) were specified for baseline water quality monitoring. **Table 2.1** describes the locations of the monitoring stations. The locations are also shown on **Figure 2.1**.

**Table 2.1 Locations for Baseline Water Quality Monitoring Stations**

Monitoring Stations	Coordinates	
	Northing	Easting
<i>Control Stations</i>		
C1	829624	806561
C2	823728	811762
<i>Impact Stations</i>		
SR 1	828795	808295
SR 2	827496	809242
SR 3	826076	809444
SR 4	825355	810241
SR 5	825047	810763
SR 6	827886	806198
SR 7	824749	806959
SR 8	822187	807571
<i>Gradient monitoring stations</i>		
G 1	826440	807729
G 2	824832	808608

### Monitoring Equipment

- 2.3 **Table 2.2** summarizes the equipment used in the baseline water quality monitoring program. All the monitoring equipment complied with the requirements set out in the approved EIA Report and EP Conditions 3.2. Copies of the calibration certificates are attached in **Appendix A**.



**Table 2.2 Water Quality Monitoring Equipment**

Equipment	Model and Make	Qty.
Water Sampler	Kahlsico Water-Bottle Model 135DW 150	1
Multi-parameter Water Quality System	YSI 6820	2
Monitoring Position Equipment	"Magellan" Handheld GPS Model GPS-320	1

**Monitoring Parameters, Frequency and Duration**

2.4 **Table 2.3** summarizes the monitoring parameters, monitoring period and frequencies of baseline water quality monitoring.

**Table 2.3 Parameters and Frequency for Baseline Water Quality Monitoring**

Station	Parameters	Frequency	No. of depth Sampled	Depth	No. of sampling Events
C1	<ul style="list-style-type: none"> <li>• DO, mg/L</li> <li>• DO Saturation, %</li> <li>• Salinity, ppt</li> <li>• Turbidity, NTU</li> <li>• SS, mg/L</li> </ul>	3 times per week for 4 consecutive weeks	3	<ul style="list-style-type: none"> <li>• 3 water depths: 1m below water surface, mid-depth and 1m above sea bed.</li> <li>• If the water depth is less than 3m, mid-depth sampling only.</li> <li>• If the water depth is less than 6m, omit mid-depth sampling.</li> </ul>	2 per monitoring day (1 for mid-ebb and 1 for mid-flood)
C2			3		
SR 1			2		
SR 2			1		
SR 3			2		
SR 4			3		
SR 5			2		
SR 6			3		
SR 7			3		
SR 8			3		
G 1			3		
G 2			2		

## Monitoring Methodology and QA/QC Procedures

### *Instrumentation*

- 2.5 A multi-parameter meter (Model YSI 6820 CE-C-M-Y) was used to measure DO, turbidity, salinity and temperature.

### *Operating/Analytical Procedures*

- 2.6 At each measurement, two consecutive measurements of DO concentration, DO saturation, salinity, turbidity and temperature were taken. The probes were retrieved out of the water after the first measurement and then re-deployed for the second measurement. Where the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded and further readings were taken.
- 2.7 For SS measurement, water samples for SS were taken and analysed at each monitoring station at each sample depth. Water samples of about 500 ml were collected and stored in polyethylene bottles. The sample bottles were packed into an ice-box and delivered to a HOKLAS Laboratory, WELLAB Ltd., for the analysis of suspended solids contents within 24 hours.

### *Maintenance and Calibration*

- 2.8 Before each round of monitoring, a zero check in distilled water was performed with the turbidity probe of YSI 6820. The probe was then calibrated with a solution of known NTU.
- 2.9 QA/QC procedures as attached in **Appendix B** are available for the SS analyzed in the HOKLAS-accredited laboratory, WELLAB Ltd.

## Results and Observations

### *Results*

- 2.10 Baseline water quality monitoring was conducted between 26 November and 21 December 2007. The monitoring results are shown in **Appendix C**. Graphical presentation of water quality at the monitoring stations is given in **Appendix D**. The results DO, SS and turbidity levels are summarized in **Tables 2.4 and 2.5**, which show the averages and ranges of readings recorded. Detailed weather conditions at the monitoring locations during the baseline monitoring period are shown in **Appendix E**.

**Table 2.4 Baseline Water Quality Monitoring Results during Mid-Ebb**

Station		DO (mg/L)			SS (mg/L)			Turbidity (NTU)		
		Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.
C1	Surface	6.97	8.1	5.4	16.17	26.0	7.0	7.32	8.7	2.7
	Middle	6.85	8.1	4.8	17.88	31.0	9.5	7.50	8.5	5.3
	Bottom	6.74	8.1	4.4	19.21	29.0	7.5	9.25	12.6	7.4
C2	Surface	6.63	7.50	5.20	19.58	28.50	9.00	7.18	8.00	5.70

	Middle	6.55	7.40	4.90	16.63	34.00	9.00	8.93	13.60	6.40
	Bottom	6.49	7.40	4.60	19.83	37.00	9.00	10.18	16.70	7.30
<b>G1</b>	Surface	6.91	8.00	6.20	21.25	30.50	11.00	7.33	9.50	3.00
	Middle	6.73	7.80	5.80	21.71	34.50	12.00	7.42	8.90	3.70
	Bottom	6.67	7.80	5.60	29.67	45.00	15.00	8.73	11.30	6.30
<b>G2</b>	Surface	6.73	7.90	4.70	19.21	30.50	7.50	7.88	12.00	3.90
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.84	7.90	5.30	20.04	36.50	8.50	8.40	14.60	7.00
<b>SR1</b>	Surface	6.86	8.10	4.80	20.25	35.00	11.00	7.55	11.80	4.10
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.83	8.20	4.70	22.17	36.00	10.00	10.31	14.70	7.20
<b>SR2</b>	Surface	-	-	-	-	-	-	-	-	-
	Middle	6.91	8.20	5.20	22.17	60.50	3.50	7.90	13.40	3.90
	Bottom	-	-	-	-	-	-	-	-	-
<b>SR3</b>	Surface	6.74	7.90	4.70	15.13	23.00	6.00	7.97	12.80	4.00
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.82	7.90	4.80	19.75	33.50	3.50	10.00	15.10	7.00
<b>SR4</b>	Surface	6.78	7.90	5.60	19.79	46.50	7.50	6.16	9.50	3.10
	Middle	6.75	7.90	5.10	25.13	67.00	8.00	7.18	8.50	4.40
	Bottom	6.69	7.90	4.90	21.21	35.00	11.50	10.28	16.70	5.80
<b>SR5</b>	Surface	6.89	7.90	6.30	22.08	36.00	13.00	6.96	9.40	5.20
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.78	7.90	5.70	21.54	36.00	9.50	7.93	10.20	6.20
<b>SR6</b>	Surface	6.88	8.00	5.40	18.96	36.00	6.50	7.91	10.00	3.10
	Middle	6.84	8.00	4.70	21.88	36.00	12.00	7.84	9.80	3.90
	Bottom	6.72	8.00	4.40	18.42	35.00	6.00	9.58	13.20	6.40
<b>SR7</b>	Surface	6.89	7.80	6.20	27.08	48.50	14.00	6.98	8.80	5.40
	Middle	6.78	7.80	5.70	19.33	41.00	12.00	7.13	9.10	5.40
	Bottom	6.80	7.80	5.50	22.88	36.00	10.00	9.51	12.90	7.50
<b>SR8</b>	Surface	6.83	7.60	6.10	21.08	41.00	10.50	6.61	9.20	3.70
	Middle	6.59	7.60	5.50	24.92	44.00	14.00	7.12	9.60	5.20
	Bottom	6.59	7.60	5.60	24.50	42.00	12.00	10.06	14.70	8.00

Table 2.5 Baseline Water Quality Monitoring Results during Mid-Flood

Station		DO (mg/L)			SS (mg/L)			Turbidity (NTU)		
		Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.
<b>C1</b>	Surface	6.68	7.80	5.30	22.46	37.00	11.50	7.68	12.50	4.40
	Middle	6.67	7.80	5.30	22.75	36.00	10.00	8.50	11.20	4.20
	Bottom	6.62	7.80	5.20	23.42	36.50	13.00	11.16	16.60	5.50
<b>C2</b>	Surface	6.82	7.80	6.10	22.88	40.50	9.50	7.19	10.00	3.70
	Middle	6.67	7.90	5.80	20.88	36.00	12.00	9.43	15.60	6.50
	Bottom	6.53	7.90	5.40	26.33	64.50	10.00	12.87	26.50	5.60
<b>G1</b>	Surface	6.78	7.80	5.10	20.79	41.00	9.50	8.09	13.70	5.40
	Middle	6.80	7.80	5.60	24.67	40.00	15.00	8.43	12.70	4.60
	Bottom	6.75	7.80	5.60	26.42	44.50	14.00	10.72	17.00	5.60
<b>G2</b>	Surface	6.66	7.90	5.70	21.92	37.00	10.00	7.23	10.50	5.40

	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.70	7.90	5.30	20.21	34.00	9.50	9.78	19.30	3.80
<b>SR1</b>	Surface	6.70	7.90	5.20	21.38	52.00	8.50	8.02	16.10	3.60
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.63	7.80	5.30	26.17	68.00	9.50	12.17	20.30	2.70
<b>SR2</b>	Surface	-	-	-	-	-	-	-	-	-
	Middle	6.73	7.90	5.50	23.29	35.50	7.00	8.52	14.50	3.70
	Bottom	-	-	-	-	-	-	-	-	-
<b>SR3</b>	Surface	6.57	7.90	5.40	23.54	36.00	13.00	8.41	15.20	4.20
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.77	7.90	5.80	22.96	45.00	13.00	10.49	16.10	2.80
<b>SR4</b>	Surface	6.66	7.90	5.90	28.96	83.00	11.00	6.00	9.90	2.70
	Middle	6.59	7.90	5.30	28.50	86.00	9.00	8.13	12.60	3.60
	Bottom	6.52	7.90	5.50	28.63	84.00	15.00	13.14	21.20	6.40
<b>SR5</b>	Surface	6.70	7.90	5.30	21.92	36.00	13.50	8.22	15.00	2.80
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.65	7.90	5.50	24.83	37.00	10.00	10.66	24.40	3.10
<b>SR6</b>	Surface	6.62	7.80	5.10	22.08	35.50	14.00	7.86	11.50	6.20
	Middle	6.78	7.80	5.60	24.08	36.00	13.00	9.02	15.60	5.40
	Bottom	6.73	7.80	5.70	25.63	39.00	10.00	13.58	24.40	2.70
<b>SR7</b>	Surface	6.66	7.80	5.10	23.42	35.00	12.00	9.37	14.80	2.20
	Middle	6.66	7.70	5.20	23.88	41.50	6.50	9.76	13.50	2.20
	Bottom	6.68	7.70	5.80	23.04	50.00	11.00	11.68	17.10	5.70
<b>SR8</b>	Surface	6.62	7.70	5.10	20.25	34.00	7.50	7.73	16.40	2.20
	Middle	6.60	7.70	5.50	18.50	31.00	8.00	8.41	12.50	2.30
	Bottom	6.59	7.70	5.80	22.25	38.00	11.00	13.77	26.50	4.80

### ***Observations***

- 2.11 During the baseline monitoring period, no major marine construction works in the area (vicinity of all monitoring stations) was noted. Thus, there was no observable pollution source identified in the vicinity of all monitoring stations but large variations of water quality and passing cargo ship are always observed at the marine water in the vicinity of monitoring stations during the baseline monitoring programme.
- 2.12 Measurements and water sampling were conducted at one water depth (middle) only at Stations SR2 and two water depths (surface & bottom) only at stations G2, SR1, SR3 & SR 5 according to the instructions listed in Table 2.3. Measurements and water sampling were done at three water depths at Station C1, C2, G1, SR4, SR6, SR7 & SR8.
- 2.13 Since no observable pollution activity was identified for all stations during sampling, the baseline monitoring results are considered representative of the ambient water quality levels.

**Statistical Analysis**

2.14 Normal Distribution (95% confidence interval) was applied to find out the outlier in terms of DO (surface and middle), DO (bottom), Turbidity and SS from the baseline monitoring. The monitoring data considered to be outlier were excluded in the calculation of Action /Limit Level. They are summarized in Table 2.6.

**Table 2.6 Summary of the Results of Outliers**

<b>DO (surface and middle)</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
28/11/2007	Mid-Ebb	C1	5.1
28/11/2007	Mid-Ebb	C2	5.1
28/11/2007	Mid-Ebb	G2	4.7
28/11/2007	Mid-Ebb	SR1	4.8
28/11/2007	Mid-Ebb	SR2	5.2
12/12/2007	Mid-Ebb	SR2	8.2
28/11/2007	Mid-Ebb	SR3	4.7
28/11/2007	Mid-Ebb	SR6	5.1
21/12/2007	Mid-Flood	C1	5.3
21/12/2007	Mid-Flood	SR1	5.2
28/11/2007	Mid-Flood	SR5	5.3
28/11/2007	Mid-Flood	SR7	5.2
28/11/2007	Mid-Flood	SR8	5.3
<b>DO (Bottom)</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
28/11/2007	Mid-Ebb	C1	4.4
12/12/2007	Mid-Ebb	C1	8.1
28/11/2007	Mid-Ebb	C2	4.6
28/11/2007	Mid-Ebb	SR1	4.7
12/12/2007	Mid-Ebb	SR1	8.2
17/12/2007	Mid-Ebb	SR1	8.2
28/11/2007	Mid-Ebb	SR3	4.8
28/11/2007	Mid-Ebb	SR4	4.9
28/11/2007	Mid-Ebb	SR6	4.4
21/12/2007	Mid-Flood	C1	5.2
<b>Turbidity</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(NTU)</b>
26/11/2007	Mid-Flood	C2	15
30/11/2007	Mid-Flood	C2	16
5/12/2007	Mid-Flood	SR1	16.9
10/12/2007	Mid-Flood	SR1	18.2
5/12/2007	Mid-Flood	SR2	14.2
10/12/2007	Mid-Flood	SR2	14.5
5/12/2007	Mid-Flood	SR3	15.4
10/12/2007	Mid-Flood	SR3	15.7
19/12/2007	Mid-Flood	SR5	3

21/12/2007	Mid-Flood	SR5	15.8
7/12/2007	Mid-Flood	SR7	3.4
7/12/2007	Mid-Flood	SR8	3.1
<b>SS</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
26/11/2007	Mid-Ebb	SR2	60.5
5/12/2007	Mid-Ebb	SR2	3.5
19/12/2007	Mid-Ebb	SR3	4.8
28/11/2007	Mid-Flood	SR1	60
3/12/2007	Mid-Flood	SR4	84.3

2.15 One way Analysis of Variance (ANOVA) was applied to test the differences in the baseline monitoring data of Dissolved Oxygen, Turbidity and Suspended Solid between the 12 designated water quality monitoring locations. The analysis results, as presented in Table 2.7, show that no significant difference can be found among the 12 monitoring location.

**Table 2.7 Summary of the Results of ANOVA**

Parameter	Stations involved	Sample Size	Degree of Freedom	P-value	F-value
DO (surface and middle)	All	275	11	0.961	0.385
DO (bottom)	All	254	11	0.949	0.414
SS	All	276	11	0.512	0.930
Turbidity	All	283	11	0.672	0.768

### Action and Limit Levels

2.16 The Action and Limit levels for DO, SS & Turbidity have been set in compliance with the requirements set out in the approved EIA Report and EP Conditions 3.2, which are summarized in **Table 2.8**.

**Table 2.8 Action and Limit Levels for Water Quality Monitoring**

Parameter (unit)	Water Depth	Action Level	Limit Level
DO (mg/L) <sup>b</sup>	Surface and Middle	5%-ile of baseline data	4 mg/L or 1%-ile of baseline data
	Bottom	5%-ile of baseline data	2 mg/L or 1%-ile of baseline data
Turbidity (NTU) <sup>c</sup>	Depth average <sup>a</sup>	95%-ile of baseline data, and 20% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day <sup>d, e</sup> ,	99%-ile of baseline data, and 30% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day <sup>d, e</sup>

SS (mg/L) <sup>c</sup>	Depth average <sup>a</sup>	95%-ile of baseline data, and 20% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day <sup>d, e, f</sup>	99%-ile of baseline data, and 30% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day and specific sensitive receiver water quality requirements <sub>d, e, f</sub>
---------------------------	----------------------------	--	--

Note:

- "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depth.
- For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- For SS and turbidity, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- An exceedance of Action Level and Limit Level is defined as exceeding both criteria. The comparison of the results of impact stations and control stations will aid to determine then background influence to the water quality sensitive receivers.
- C1 is regarded as the Control Station during ebb tide, whereas C2 is regarded as the Control Station during flood tide.
- For WSD and Black Point/Castle Peak Power Station intakes, the specific SS criteria are not greater than 20 mgL<sup>-1</sup> and 764 mgL<sup>-1</sup>

2.17 Provided that ANOVA results did not show significant difference among the 12 monitoring location, the Action and Limit Levels for water quality impact monitoring were calculated based on the baseline monitoring data for all stations. The calculated Action and Limit levels are shown in **Table 2.9**.

**Table 2.9 Calculated Action and Limit Levels for Water Quality Monitoring**

Parameter		Action	Limit
DO, mg/L	Surface and Middle	6.0	5.5
	Bottom	5.7	5.4
SS, mg/L		34.3 and 20% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day	36.7 and 30% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day and specific sensitive receiver water quality requirements <sup>a</sup>
Turbidity, NTU		13.1 and 20% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day	13.7 and 30% exceedance of value at any impact station compared with corresponding data from control stations at the same tide of the same day

Note:

- Castle Peak Power Station intakes (SR3), it specific SS limit is 764mg/L

### **3 REVISIONS FOR INCLUSION IN THE APPROVED EIA REPORT AND EP CONDITIONS 3.2**

- 3.1 The baseline environmental monitoring was conducted according to the Approved EIA Report and EP Conditions 3.2.
- 3.2 The monitoring methodology, parameters monitored, and monitoring locations are in line with the procedures and requirements set out in the approved EIA Report and EP Condition 3.2.

### **4 CONCLUSIONS**

- 4.1 The baseline environmental monitoring was conducted between 26 November 2007 and 21 December 2007. The monitoring results were used to establish the Action and Limit Levels for the relevant parameters during impact/compliance monitoring throughout construction periods.
- 4.2 Baseline water quality monitoring was conducted at twelve monitoring stations (C1, C2, SR1 to SR8 and G1, G2) between 26 November 2007 and 21 December 2007. No observable pollution source was identified but large variations of water quality was observed.



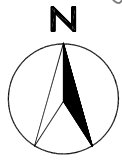
---

---

**FIGURE**

---

---



URMSTON ROAD



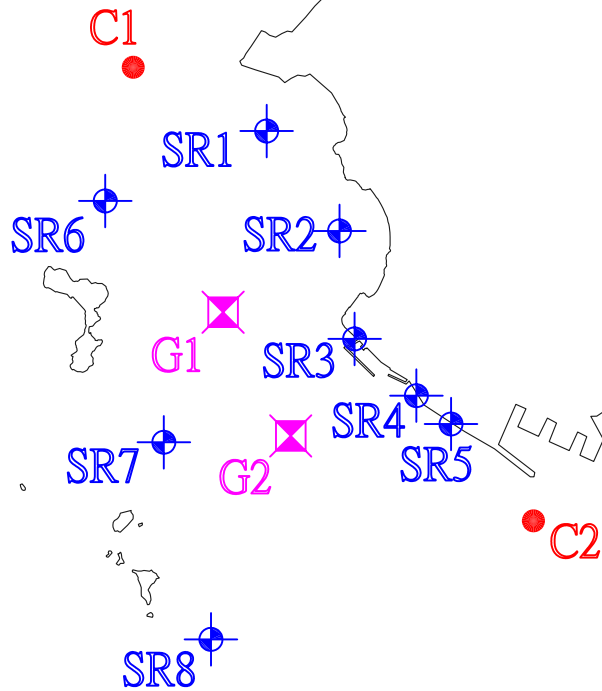
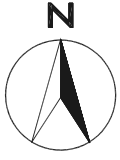
### Legend




 Site Location

**CINOTECH**  
Cinotech Consultants Limited

# Site Layout Plan

SCALE	1:15000	DATE	DEC-2007	
CHECK	IT	DRAWN	IAN	
JOB No.	MA7038	FIGURE NO.	1.1	REV —



Legend	
	Control Station
	Impact Station
	Gradient Station

SCALE	NTS	DATE	September 2007
CHECK	IT	DRAWN	JL
JOB No.	MA7038	DRAWING No.	Figure 2.1
		REV	-

---

---

**APPENDIX A  
COPIES OF CALIBRATION  
CERTIFICATES FOR WATER QUALITY  
MONITORING EQUIPMENT**

---

---

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/W/71110-1
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0126AA
Equipment No.	: W.03.01
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**


Conductivity & Salinity Sensor, Model: 6560, S/N: 05A1209  
1. Conductivity performance check with Potassium Chloride standard solution  
2. Salinity performance check with Sodium Chloride standard solution  
Dissolved Oxygen Sensor, Model: 6562, S/N: 04A0145  
1. Performance check against Winkler titration  
Turbidity Sensor, Model: 6136, S/N: 05A1610AJ  
1. Calibration check with Formazin standard solution  
pH Meter, Model: 6561, S/N: 01J  
1. Calibration check with standard pH buffer  
Depth Meter  
1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

For and On Behalf of **WELLAB Ltd.**

  
**PATRICK TSE**  
Senior Chemist

## TEST REPORT

Test Report No.:	C/W/71110-1
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

Page: 2 of 2

**Results:**

1. Conductivity performance check

Specific Conductivity, $\mu\text{S}/\text{cm}$		Correction, $\mu\text{S}/\text{cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	$D = C1 - C2$	
1421	1420	2	$1420 \pm 20$

2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.0	30.0	0.0	$30.0 \pm 3$

3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.1	9.1	0.0	$\pm 0.2$
Half-saturated	5.6	5.6	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_j$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.00	Less than 0.02

6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/W/71110-2
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0293AA
Equipment No.	: W.03.02
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**

Conductivity & Salinity Sensor, Model: 6560, S/N: 02C0886  
1. Conductivity performance check with Potassium Chloride standard solution  
2. Salinity performance check with Sodium Chloride standard solution  
Dissolved Oxygen Sensor, Model: 6562, S/N: 0261137  
1. Performance check against Winkler titration  
Turbidity Sensor, Model: 6136, S/N: 05F2030AQ  
1. Calibration check with Formazin standard solution  
pH Meter, Model: 6561, S/N: 02A  
1. Calibration check with standard pH buffer  
Depth Meter  
1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**

Senior Chemist

## TEST REPORT

Test Report No.:	C/W/71110-2
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09
Page:	2 of 2

**Results:**

1. Conductivity performance check

Specific Conductivity, $\mu\text{S/cm}$		Correction, $\mu\text{S/cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	D = C1 - C2	
1420	1420	0	$1420 \pm 20$

2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.1	30.0	0.1	$30.0 \pm 3$

3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.0	9.0	0.0	$\pm 0.2$
Half-saturated	5.8	5.8	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_j$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.01	Less than 0.02

6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*



---

---

**APPENDIX B  
QUALITY CONTROL REPORT FOR  
LABORATORY ANALYSIS**

---

---

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05762
Date of Issue:	2007/11/27
Date Received:	2007/11/26
Date Tested:	2007/11/26
Date Completed:	2007/11/27

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/11/26  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71126

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
G2se	28	23	18	99

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05778
Date of Issue:	2007/11/29
Date Received:	2007/11/28
Date Tested:	2007/11/28
Date Completed:	2007/11/29

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/11/28  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71128

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
G2se	29	25	15	94

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05799
Date of Issue:	2007/12/03
Date Received:	2007/11/30
Date Tested:	2007/11/30
Date Completed:	2007/12/03

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/11/30  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71130

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
G2se	28	25	10	98

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05804
Date of Issue:	2007/12/04
Date Received:	2007/12/03
Date Tested:	2007/12/03
Date Completed:	2007/12/04

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/03  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71203

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR7sf	33	38	12	90

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05820
Date of Issue:	2007/12/06
Date Received:	2007/12/05
Date Tested:	2007/12/05
Date Completed:	2007/12/06

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/05  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71205

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR6me	13	13	4	98

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05838
Date of Issue:	2007/12/10
Date Received:	2007/12/07
Date Tested:	2007/12/07
Date Completed:	2007/12/10

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/07  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71207

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
G2se	13	13	2	91

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05842
Date of Issue:	2007/12/11
Date Received:	2007/12/10
Date Tested:	2007/12/10
Date Completed:	2007/12/11

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/10  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71210

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	14	15	3	88

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*



**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05863
Date of Issue:	2007/12/13
Date Received:	2007/12/12
Date Tested:	2007/12/12
Date Completed:	2007/12/13

Page: 1 of 1

**ATTN: Mr. Henry Leung**

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/12  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71212

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	19	18	5	91

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05883
Date of Issue:	2007/12/17
Date Received:	2007/12/14
Date Tested:	2007/12/14
Date Completed:	2007/12/17

Page: 1 of 1

**ATTN: Mr. Henry Leung**

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/14  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71214

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	23	21	13	91

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05889
Date of Issue:	2007/12/18
Date Received:	2007/12/17
Date Tested:	2007/12/17
Date Completed:	2007/12/18

Page: 1 of 1

**ATTN: Mr. Henry Leung**

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/17  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71217

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	9	10	12	97

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05910
Date of Issue:	2007/12/20
Date Received:	2007/12/19
Date Tested:	2007/12/19
Date Completed:	2007/12/20

Page: 1 of 1

**ATTN: Mr. Henry Leung**

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/19  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71219

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	6	7	15	93

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**RM 1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T., Hong Kong**

Laboratory No.:	05932
Date of Issue:	2007/12/24
Date Received:	2007/12/21
Date Tested:	2007/12/21
Date Completed:	2007/12/24

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Emissions Control Project at Castle Peak Power Station "B" Units  
Project No.: MA7038  
Sampling Date: 2007/12/21  
Number of Sample: 120  
Custody No.: MA7038/CPPS/71221

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
SR3se	11	12	14	95

\*\*\*\*\*END OF REPORT\*\*\*\*\*

*PREPARED AND CHECKED BY:*  
For and On Behalf of **WELLAB Ltd.**



**PATRICK TSE**  
*Senior Chemist*

---

---

**APPENDIX C  
BASELINE WATER QUALITY  
MONITORING RESULTS**

---

---

**Water Quality Monitoring Results at C1 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	14:01	Surface	1	20.9	20.9	30.4	30.4	91.5	91.3	6.8	6.8	6.8	7.8	7.6	8.2	15	15.0	16.0
				Middle	3.5	20.9	20.9	30.4	30.4	90.9	90.9	6.7	6.7	6.7	7.4	7.4		15	15.0	
				Bottom	6	20.8	20.8	30.4	30.4	90.4	90.5	6.7	6.7	6.7	9.5	9.6		18	18.0	
28-Nov-07	Sunny	Rough	14:37	Surface	1	19.9	19.9	31.4	31.4	73.1	73.8	5.3	5.4	5.1	8.6	8.3	8.8	22	22.0	22.2
				Middle	3.5	19.9	19.9	31.4	31.4	67.7	67.7	4.8	4.8	4.8	7.7	7.5		22	22.0	
				Bottom	6	19.8	19.8	31.4	31.4	62.9	62.8	4.4	4.4	4.4	10.7	10.5		22	22.5	
30-Nov-07	Sunny	Rough	09:47	Surface	1	21.1	21.1	30.3	30.3	88.9	88.7	6.9	6.9	6.9	8.9	8.7	9.3	16	15.5	14.3
				Middle	3.5	20.9	20.9	30.3	30.3	88.3	88.3	6.8	6.8	6.8	8.4	8.5		15	15.0	
				Bottom	6	20.9	20.9	30.3	30.3	87.8	87.9	6.8	6.8	6.8	10.6	10.7		12	12.5	
3-Dec-07	Sunny	Rough	08:51	Surface	1	20.9	20.9	31.6	31.6	90.0	89.8	7.1	7.1	7.1	8.7	8.5	9.8	14	14.0	16.5
				Middle	3.5	20.7	20.7	31.6	31.6	89.4	89.4	7.0	7.1	7.1	8.2	8.3		17	16.5	
				Bottom	6	20.7	20.7	31.6	31.6	88.9	89.0	7.0	7.0	7.0	12.5	12.6		19	19.0	
5-Dec-07	Sunny	Moderate	09:19	Surface	1	20.1	20.1	32.9	32.9	91.4	91.4	6.8	6.8	6.8	7.7	7.7	7.8	26	26.0	17.2
				Middle	3.5	20.1	20.1	32.9	32.9	90.8	90.7	6.8	6.8	6.8	7.9	7.9		10	10.0	
				Bottom	6	20.1	20.1	33.0	33.0	90.1	89.9	6.7	6.7	6.7	7.9	7.9		15	15.5	
7-Dec-07	Sunny	Moderate	10:30	Surface	1	20.9	20.9	31.7	31.7	85.5	85.4	6.3	6.3	6.3	2.6	2.7	6.8	14	14.0	20.7
				Middle	3.5	20.7	20.7	31.7	31.7	85.4	85.3	6.3	6.2	6.2	5.3	5.3		22	22.0	
				Bottom	6	20.7	20.7	31.7	31.7	85.3	85.3	6.2	6.3	6.3	12.1	12.4		26	26.0	
10-Dec-07	Sunny	Moderate	14:07	Surface	1	22.7	22.7	33.0	33.0	97.3	97.1	7.0	7.0	7.0	8.0	8.0	8.1	13	13.0	19.5
				Middle	3.5	22.6	22.6	32.9	32.9	94.9	95.4	6.8	6.9	6.9	8.2	8.2		17	17.0	
				Bottom	6	22.4	22.4	32.9	32.9	92.6	92.4	6.6	6.6	6.6	8.2	8.2		29	28.5	
12-Dec-07	Sunny	Rough	15:04	Surface	1	20.9	21.0	33.0	33.0	91.8	91.4	8.1	8.1	8.1	8.6	8.4	7.9	21	20.5	17.8
				Middle	3.5	20.9	20.9	32.9	32.9	91.2	91.2	8.1	8.1	8.1	7.8	7.9		15	15.0	
				Bottom	6	20.9	20.9	32.9	32.9	90.7	90.8	8.1	8.1	8.1	7.5	7.5		18	18.0	
14-Dec-07	Sunny	Rough	16:34	Surface	1	21.9	22.0	33.0	33.0	104.9	104.7	7.1	7.1	7.1	8.6	8.4	7.9	7	7.0	9.7
				Middle	3.5	21.9	21.9	32.9	32.9	104.0	103.8	7.1	7.1	7.1	8.2	7.9		15	14.5	
				Bottom	6	21.9	21.9	32.9	32.9	103.3	102.6	7.0	7.0	7.0	7.5	7.5		7	7.5	
17-Dec-07	Sunny	Rough	17:37	Surface	1	20.8	20.8	31.8	31.8	89.9	89.7	8.0	8.0	8.0	8.5	8.3	7.8	19	19.0	26.3
				Middle	3.5	20.8	20.8	31.7	31.7	89.3	89.3	7.9	7.9	7.9	8.1	7.8		31	31.0	
				Bottom	6	20.7	20.7	31.7	31.7	88.8	88.9	7.9	7.9	7.9	7.4	7.4		29	29.0	
19-Dec-07	Sunny	Moderate	09:16	Surface	1	19.8	19.8	32.0	32.0	84.9	84.8	6.3	6.3	6.3	2.6	2.7	5.3	12	12.0	21.0
				Middle	3.5	19.6	19.6	32.0	32.0	84.8	84.7	6.3	6.3	6.3	5.3	5.3		28	27.0	
				Bottom	6	19.6	19.6	32.0	32.0	84.7	84.7	6.3	6.3	6.3	7.6	7.8		24	24.0	
21-Dec-07	Sunny	Moderate	10:25	Surface	1	20.1	20.1	32.6	32.6	97.3	96.6	7.9	7.8	7.6	8.6	8.5	8.5	16	16.0	11.8
				Middle	3.5	20.5	20.5	33.0	33.0	93.1	92.5	7.4	7.4	7.4	8.0	8.0		9	9.5	
				Bottom	6	21.1	21.1	33.3	33.3	89.8	89.4	7.1	7.1	7.1	8.7	8.9		10	10.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at C1 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
26-Nov-07	Sunny	Rough	09:58	Surface	1	21.0 21.0	21.0	30.4 30.4	30.4	84.2 84.1	84.2	6.2 6.2	6.2	6.2	6.2	5.8 5.9	5.9	10.0	18 18	18.0	20.0
				Middle	4	20.8 20.8	20.8	30.4 30.4	30.4	84.1 84.0	84.1	6.2 6.2	6.2	6.2	6.2	8.5 8.5	8.5	24 24	24.0		
				Bottom	7	20.8 20.8	20.8	30.4 30.4	30.4	84.0 84.0	84.0	6.2 6.2	6.2	6.2	6.2	15.3 15.8	15.6	18 18	18.0		
28-Nov-07	Sunny	Rough	10:59	Surface	1	20.0 20.0	20.0	31.4 31.4	31.4	76.9 76.7	76.8	5.3 5.3	5.3	5.5	8.7 8.8	8.8	7.4	32 32	32.0	30.2	
				Middle	4	19.8 19.8	19.8	31.4 31.4	31.4	80.7 80.6	80.7	5.7 5.7	5.7	5.7	7.8 7.7	7.8	33 33	33.0			
				Bottom	7	19.8 19.8	19.8	31.4 31.4	31.4	78.4 78.4	78.4	5.6 5.6	5.6	5.6	5.6 5.4	5.5	25 26	25.5			
30-Nov-07	Sunny	Rough	16:03	Surface	1	21.0 21.1	21.1	30.2 30.2	30.2	81.6 81.5	81.6	6.3 6.3	6.3	6.3	7.2 7.0	7.1	11.1	25 25	25.0	24.3	
				Middle	4	21.0 21.0	21.0	30.2 30.2	30.2	81.5 81.4	81.5	6.3 6.3	6.3	6.3	9.5 9.5	9.5	26 26	26.0			
				Bottom	7	21.0 20.9	21.0	30.2 30.2	30.2	81.4 81.4	81.4	6.3 6.3	6.3	6.3	16.3 16.8	16.6	22 22	22.0			
3-Dec-07	Sunny	Rough	15:22	Surface	1	20.8 20.9	20.9	30.3 30.3	30.3	82.5 82.4	82.5	6.5 6.5	6.5	6.5	6.8 6.6	6.7	10.7	25 25	25.0	21.5	
				Middle	4	20.8 20.8	20.8	30.5 30.5	30.5	82.4 82.3	82.4	6.5 6.5	6.5	6.5	9.1 9.1	9.1	18 18	18.0			
				Bottom	7	20.8 20.7	20.8	30.4 30.4	30.4	82.3 82.3	82.3	6.5 6.5	6.5	6.5	15.9 16.4	16.2	21 22	21.5			
5-Dec-07	Sunny	Moderate	16:38	Surface	1	20.2 20.2	20.2	33.2 33.1	33.2	92.6 91.2	91.9	6.9 6.8	6.9	6.9	10.1 9.4	9.8	10.7	18 18	18.0	23.3	
				Middle	4	20.2 20.2	20.2	33.2 33.1	33.2	90.3 90.8	90.6	6.7 6.8	6.8	6.8	10.9 10.9	10.9	34 34	34.0			
				Bottom	7	20.2 20.2	20.2	33.1 33.2	33.2	90.5 90.5	90.5	6.7 6.7	6.7	6.7	10.7 11.8	11.3	18 18	18.0			
7-Dec-07	Sunny	Moderate	14:43	Surface	1	20.8 20.8	20.8	31.7 31.7	31.7	92.8 92.4	92.6	6.8 6.8	6.8	6.8	4.6 4.2	4.4	5.0	19 19	19.0	17.7	
				Middle	4	20.8 20.8	20.8	31.7 31.7	31.7	92.2 92.2	92.2	6.8 6.8	6.8	6.8	4.1 4.2	4.2	18 18	18.0			
				Bottom	7	20.7 20.7	20.7	31.7 31.7	31.7	91.7 91.8	91.8	6.7 6.8	6.8	6.8	6.3 6.5	6.4	16 16	16.0			
10-Dec-07	Sunny	Moderate	09:02	Surface	1	21.3 21.3	21.3	32.7 32.7	32.7	102.8 104.1	103.5	7.1 7.2	7.2	7.1	10.4 9.7	10.1	11.0	22 22	22.0	16.0	
				Middle	4	21.2 21.2	21.2	32.6 32.6	32.6	99.3 99.2	99.3	6.9 6.9	6.9	6.9	11.2 11.2	11.2	12 12	12.0			
				Bottom	7	21.2 21.2	21.2	32.7 32.7	32.7	95.4 94.2	94.8	6.6 6.5	6.6	6.6	11.0 12.1	11.6	14 14	14.0			
12-Dec-07	Sunny	Rough	09:47	Surface	1	20.9 20.9	20.9	33.2 33.2	33.2	88.4 88.3	88.4	7.8 7.8	7.8	7.8	7.0 6.8	6.9	8.1	23 23	23.0	26.2	
				Middle	4	20.7 20.7	20.7	33.2 33.2	33.2	88.3 88.2	88.3	7.8 7.8	7.8	7.8	8.3 8.3	8.3	21 21	21.0			
				Bottom	7	20.7 20.7	20.7	33.2 33.1	33.2	88.2 88.2	88.2	7.8 7.8	7.8	7.8	9.1 9.0	9.1	35 34	34.5			
14-Dec-07	Sunny	Rough	12:07	Surface	1	21.9 21.9	21.9	33.2 33.2	33.2	106.8 106.3	106.6	7.2 7.2	7.2	7.2	7.2 7.8	7.5	8.3	23 23	23.0	24.2	
				Middle	4	21.7 21.7	21.7	33.2 33.2	33.2	104.9 104.4	104.7	7.1 7.1	7.1	7.1	8.2 8.5	8.4	14 15	14.5			
				Bottom	7	21.7 21.7	21.7	33.2 33.1	33.2	103.1 103.5	103.3	7.1 7.1	7.1	7.1	9.1 8.8	9.0	35 35	35.0			
17-Dec-07	Sunny	Rough	13:19	Surface	1	20.9 20.9	20.9	32.5 32.5	32.5	88.3 88.2	88.3	7.8 7.8	7.8	7.8	6.9 6.7	6.8	8.0	37 37	37.0	36.5	
				Middle	4	20.7 20.7	20.7	31.9 31.9	31.9	88.2 88.1	88.2	7.8 7.8	7.8	7.8	8.2 8.2	8.2	36 36	36.0			
				Bottom	7	20.7 20.7	20.7	31.8 31.8	31.8	88.1 88.1	88.1	7.8 7.8	7.8	7.8	9.0 8.9	9.0	36 37	36.5			
19-Dec-07	Sunny	Moderate	14:30	Surface	1	19.7 19.7	19.7	32.0 32.0	32.0	92.2 91.8	92.0	6.9 6.8	6.9	6.9	5.8 5.4	5.6	6.2	16 16	16.0	13.0	
				Middle	4	19.7 19.7	19.7	32.0 32.0	32.0	91.6 91.6	91.6	6.8 6.8	6.8	6.8	5.3 5.4	5.4	10 10	10.0			
				Bottom	7	19.6 19.6	19.6	32.0 32.0	32.0	91.1 91.2	91.2	6.8 6.8	6.8	6.8	7.5 7.7	7.6	13 13	13.0			
21-Dec-07	Sunny	Moderate	15:57	Surface	1	21.5 21.5	21.5	32.8 32.8	32.8	68.8 68.0	68.4	5.3 5.2	5.3	5.3	12.5 12.4	12.5	13.0	11 12	11.5	21.7	
				Middle	4	21.6 21.6	21.6	32.6 32.6	32.6	68.2 68.1	68.2	5.3 5.3	5.3	5.3	10.2 10.8	10.5	27 26	26.5			
				Bottom	7	21.3 21.3	21.3	32.7 32.6	32.7	67.5 67.4	67.5	5.2 5.2	5.2	5.2	16.1 15.9	16.0	27 27	27.0			

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.



**Water Quality Monitoring Results at C2 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*
26-Nov-07	Sunny	Rough	12:07	Surface	1	21.0	21.0	30.5	30.5	82.0	82.0	6.0	6.0	6.0	6.8	6.9	10.0	18	18.0
				Middle	3.5	20.9	20.9	30.5	30.5	81.9	81.9	6.0	6.0		6.9	15		15.0	
				Bottom	6	20.6	20.7	30.5	30.5	81.9	81.9	6.0	6.0		10.2	13		13.5	
28-Nov-07	Sunny	Rough	12:43	Surface	1	20.0	20.0	31.5	31.5	71.7	71.8	5.2	5.2	5.1	7.6	7.6	7.6	27	26.5
				Middle	3.5	19.8	19.8	31.5	31.5	68.0	68.2	4.9	4.9		6.5	18		18.0	
				Bottom	6	19.6	19.6	31.5	31.5	65.4	65.4	4.6	4.6		8.8	22		22.0	
30-Nov-07	Sunny	Rough	08:06	Surface	1	21.0	21.0	30.5	30.5	79.4	79.4	6.2	6.2	6.2	7.9	8.0	11.1	9	9.0
				Middle	3.5	21.0	21.0	30.5	30.5	79.3	79.3	6.1	6.1		13.6	9		9.0	
				Bottom	6	20.7	20.7	30.5	30.5	79.3	79.3	6.1	6.1		11.3	19		18.5	
3-Dec-07	Sunny	Rough	07:09	Surface	1	20.8	20.8	31.7	31.7	80.5	80.5	6.4	6.4	6.4	7.7	7.8	10.9	25	24.5
				Middle	3.5	20.8	20.8	31.7	31.7	80.4	80.4	6.4	6.4		12.4	14		14.0	
				Bottom	6	20.5	20.5	31.7	31.7	82.4	82.4	6.5	6.5		12.1	38		37.0	
5-Dec-07	Sunny	Moderate	08:00	Surface	1	20.2	20.2	33.0	33.0	92.6	92.4	6.9	6.9	6.9	6.9	6.9	7.2	10	10.0
				Middle	3.5	20.2	20.2	33.1	33.1	90.7	90.6	6.8	6.8		7.4	34		34.0	
				Bottom	6	20.2	20.2	33.1	33.1	90.3	90.3	6.7	6.7		7.4	9		9.5	
7-Dec-07	Sunny	Moderate	08:36	Surface	1	20.8	20.8	31.6	31.6	83.2	85.1	6.1	6.3	6.4	5.4	5.7	8.1	28	28.0
				Middle	3.5	20.7	20.7	31.6	31.6	86.8	86.7	6.4	6.4		7.1	12		12.0	
				Bottom	6	20.4	20.4	31.7	31.7	86.5	86.5	6.4	6.4		11.3	20		20.0	
10-Dec-07	Sunny	Moderate	12:37	Surface	1	22.6	22.6	32.9	32.9	88.8	88.9	6.8	6.8	6.8	7.2	7.2	7.5	19	19.0
				Middle	3.5	22.4	22.4	32.9	32.9	88.1	87.8	6.8	6.8		7.7	15		15.5	
				Bottom	6	22.4	22.4	32.9	32.9	87.5	86.4	6.7	6.7		7.5	20		20.0	
12-Dec-07	Sunny	Rough	13:19	Surface	1	21.1	21.1	33.0	33.0	82.3	82.3	7.4	7.4	7.4	7.6	7.7	8.6	13	13.5
				Middle	3.5	20.9	20.9	33.1	33.1	82.2	82.2	7.4	7.4		8.3	17		17.0	
				Bottom	6	20.7	20.7	33.1	33.1	82.2	82.2	7.4	7.4		9.8	20		20.0	
14-Dec-07	Sunny	Rough	15:10	Surface	1	22.1	22.1	33.0	33.0	107.2	107.2	7.2	7.2	7.0	7.1	7.2	7.8	22	22.0
				Middle	3.5	21.9	21.9	33.1	33.1	100.4	99.8	6.8	6.8		7.3	12		12.0	
				Bottom	6	21.7	21.7	33.1	33.1	97.7	97.3	6.6	6.6		7.2	15		15.5	
17-Dec-07	Sunny	Rough	16:04	Surface	1	20.9	20.9	31.8	31.8	82.2	82.2	7.4	7.4	7.4	7.5	7.6	8.5	29	28.5
				Middle	3.5	20.8	20.8	31.9	31.9	82.1	82.1	7.4	7.4		8.2	16		16.0	
				Bottom	6	20.5	20.5	31.9	31.9	82.1	82.1	7.4	7.4		9.7	37		36.5	
19-Dec-07	Sunny	Moderate	07:23	Surface	1	19.7	19.7	31.9	31.9	82.6	84.5	6.1	6.3	6.4	5.4	5.7	6.6	12	12.0
				Middle	3.5	19.6	19.6	31.9	31.9	86.2	86.1	6.4	6.4		6.3	11		11.0	
				Bottom	6	19.3	19.3	32.0	32.0	85.9	85.9	6.4	6.4		7.6	11		11.0	
21-Dec-07	Sunny	Moderate	08:32	Surface	1	19.8	19.8	32.5	32.5	91.6	91.4	7.5	7.5	7.4	7.8	7.8	11.5	24	24.0
				Middle	3.5	19.7	19.7	32.4	32.4	87.8	87.8	7.2	7.2		9.7	26		26.0	
				Bottom	6	19.7	19.7	32.5	32.5	87.0	86.8	7.1	7.1		10.1	26		26.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at C2 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	08:05	Surface	1	20.9	20.9	30.2	30.2	81.9	83.8	6.0	6.2	6.3	8.6	8.9	15.0	21	21.0	33.8
				Middle	3.5	20.8	20.8	30.3	30.3	85.6	85.5	6.3	6.3		9.2	10.5		21	16	
				Bottom	6	20.8	20.5	30.3	30.3	85.3	85.2	6.3	6.3		10.6	25.5		65	64.5	
28-Nov-07	Sunny	Rough	09:06	Surface	1	19.9	19.9	31.2	31.3	89.5	89.8	6.5	6.5	6.2	5.6	5.7	6.0	37	36.5	28.5
				Middle	3.5	19.9	19.8	31.3	31.3	90.0	83.2	5.8	5.8		5.7	6.8		24	24.0	
				Bottom	6	19.8	19.5	31.3	31.4	82.5	78.9	5.7	5.4		6.8	5.6		25	25.0	
30-Nov-07	Sunny	Rough	14:10	Surface	1	21.2	21.2	30.3	30.3	79.3	81.2	6.1	6.3	6.4	9.8	10.0	16.0	26	26.0	23.3
				Middle	3.5	21.2	21.0	30.3	30.3	83.0	82.9	6.4	6.4		10.1	11.6		21	21.0	
				Bottom	6	21.0	20.8	30.3	30.4	82.7	82.6	6.4	6.4		11.6	26.5		23	23.0	
3-Dec-07	Sunny	Rough	13:30	Surface	1	21.0	21.0	30.4	30.4	80.2	82.1	6.3	6.5	6.6	9.4	9.6	13.2	31	31.0	24.5
				Middle	3.5	21.0	20.8	30.4	30.4	83.9	83.8	6.6	6.6		9.7	11.2		25	25.0	
				Bottom	6	20.8	20.6	30.4	30.5	83.6	83.5	6.6	6.6		11.2	18.7		17	17.5	
5-Dec-07	Sunny	Moderate	14:53	Surface	1	20.4	20.4	33.1	33.1	94.2	93.9	7.0	7.0	7.0	6.2	6.3	6.5	26	26.0	27.5
				Middle	4	20.4	20.2	33.1	33.2	93.6	92.1	6.6	6.9		6.3	6.5		26	26.0	
				Bottom	7	20.2	20.2	33.2	33.2	90.8	89.6	6.8	6.7		6.5	6.6		31	30.5	
7-Dec-07	Sunny	Moderate	12:50	Surface	1	20.9	20.9	31.8	31.8	83.3	83.3	6.1	6.1	6.1	3.6	3.7	6.8	20	20.0	22.5
				Middle	3.5	20.9	20.7	31.8	31.8	83.3	83.2	6.1	6.1		3.7	9.3		23	23.0	
				Bottom	6	20.7	20.5	31.8	31.8	83.2	83.2	6.1	6.1		9.3	7.0		25	24.5	
10-Dec-07	Sunny	Moderate	07:25	Surface	1	21.4	21.4	32.8	32.8	106.1	106.2	7.4	7.4	7.3	6.5	6.6	6.8	25	25.5	17.2
				Middle	4	21.4	21.4	32.8	32.9	106.2	106.8	7.4	7.2		6.6	6.8		16	16.0	
				Bottom	7	21.4	21.4	32.9	32.9	101.7	92.5	7.0	6.4		6.8	6.9		10	10.0	
12-Dec-07	Sunny	Rough	08:09	Surface	1	20.8	20.8	33.1	33.1	86.1	88.0	7.6	7.8	7.9	8.2	8.4	9.3	12	12.0	20.2
				Middle	3.5	20.8	20.7	33.1	33.2	89.8	89.7	7.9	7.9		8.5	9.0		12	24.5	
				Bottom	6	20.7	20.4	33.2	33.2	89.5	89.4	7.9	7.9		9.0	10.4		24	24.0	
14-Dec-07	Sunny	Rough	10:29	Surface	1	21.8	21.8	33.1	33.1	109.9	109.9	7.4	7.4	7.2	7.2	7.4	8.3	13	13.5	18.2
				Middle	3.5	21.8	21.7	33.1	33.2	109.9	102.8	7.4	7.0		7.5	8.0		14	15.0	
				Bottom	6	21.7	21.4	33.2	33.2	102.5	100.2	7.0	6.8		8.0	9.4		15	26.0	
17-Dec-07	Sunny	Rough	11:41	Surface	1	20.8	20.8	31.7	31.7	86.5	86.5	6.7	6.7	6.7	7.6	7.5	9.0	40	40.5	34.2
				Middle	3.5	20.8	20.7	31.7	31.8	86.4	84.8	6.7	6.6		7.4	8.6		36	36.0	
				Bottom	6	20.7	20.4	31.8	31.8	84.6	84.6	6.5	6.5		8.6	11.0		26	26.0	
19-Dec-07	Sunny	Moderate	12:36	Surface	1	19.8	19.8	32.1	32.1	82.7	82.7	6.1	6.1	6.1	3.6	3.7	7.7	13	13.0	12.0
				Middle	3.5	19.8	19.6	32.1	32.1	82.7	82.6	6.1	6.1		3.7	9.3		12	12.0	
				Bottom	6	19.6	19.4	32.1	32.1	82.6	82.6	6.1	6.1		9.3	10.2		11	11.0	
21-Dec-07	Sunny	Moderate	14:04	Surface	1	20.7	20.7	32.7	32.7	99.4	99.2	7.8	7.8	7.5	8.5	8.5	13.5	9	9.5	18.5
				Middle	3.5	20.7	20.5	32.7	32.3	99.0	88.3	7.8	7.0		8.5	15.6		12	12.0	
				Bottom	6	20.4	20.3	32.3	32.3	89.9	91.1	7.1	7.2		15.8	16.3		34	34.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at G1 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	14:34	Surface	1	21.0	21.0	30.4	30.4	89.2	89.2	6.6	6.6	6.6	8.4	8.6	8.4	16	16.0	28.0
				Middle	4	20.9	20.9	30.3	30.4	87.5	87.4	6.5	6.5		7.8	7.8		25	25.0	
				Bottom	7	20.8	20.8	30.4	30.4	87.3	87.3	6.5	6.5		8.9	8.9		43	43.0	
28-Nov-07	Sunny	Rough	15:10	Surface	1	19.9	20.0	31.4	31.4	86.3	86.5	6.2	6.3	6.1	6.8	6.8	7.1	28	28.0	30.7
				Middle	4	19.9	19.9	31.3	31.4	80.9	81.0	5.8	5.8		6.5	6.4		24	25.0	
				Bottom	7	19.8	19.8	31.4	31.4	79.4	79.5	5.6	5.6		8.3	8.0		39	39.0	
30-Nov-07	Sunny	Rough	10:21	Surface	1	21.1	21.1	30.3	30.3	86.6	86.6	6.7	6.7	6.7	9.5	9.5	9.5	17	17.0	18.0
				Middle	4	21.0	21.0	30.3	30.3	84.9	84.8	6.6	6.6		8.9	8.9		19	19.5	
				Bottom	7	20.9	20.9	30.3	30.3	84.7	84.6	6.6	6.6		10.0	10.0		17	17.5	
3-Dec-07	Sunny	Rough	09:24	Surface	1	20.9	20.9	31.6	31.6	87.7	87.7	6.9	6.9	6.9	9.3	9.3	9.3	22	22.0	21.7
				Middle	4	20.8	20.8	31.5	31.6	86.0	85.9	6.8	6.8		8.7	8.7		23	23.0	
				Bottom	7	20.7	20.7	31.6	31.6	85.8	85.8	6.8	6.8		9.8	9.8		20	20.0	
5-Dec-07	Sunny	Moderate	09:49	Surface	1	20.1	20.1	32.9	32.9	92.9	92.5	7.0	7.0	6.9	7.6	7.7	8.0	28	28.0	21.2
				Middle	3.5	20.1	20.1	32.9	32.9	90.9	90.8	6.8	6.8		8.0	8.1		17	17.0	
				Bottom	6	20.1	20.1	33.0	33.0	90.0	90.0	6.7	6.7		8.3	8.3		19	18.5	
7-Dec-07	Sunny	Moderate	11:03	Surface	1	20.8	20.8	31.7	31.7	84.8	84.8	6.2	6.2	6.2	3.0	3.0	5.6	21	20.5	22.7
				Middle	4	20.8	20.8	31.7	31.7	84.6	84.6	6.2	6.2		3.7	3.7		23	22.5	
				Bottom	7	20.7	20.7	31.7	31.7	84.6	84.6	6.2	6.2		9.9	10.2		25	25.0	
10-Dec-07	Sunny	Moderate	14:45	Surface	1	22.2	22.2	32.7	32.7	99.8	99.0	7.1	7.1	7.2	7.9	8.0	8.3	27	26.5	31.8
				Middle	3.5	22.2	22.2	32.7	32.7	98.9	100.4	7.1	7.2		8.3	8.4		24	24.0	
				Bottom	6	22.1	22.1	32.7	32.7	99.8	99.2	7.1	7.1		8.5	8.5		46	45.0	
12-Dec-07	Sunny	Rough	15:52	Surface	1	21.0	21.0	33.0	33.0	89.5	89.5	8.0	8.0	7.9	8.2	8.2	8.3	18	18.0	20.2
				Middle	4	20.9	20.9	32.9	32.9	87.8	87.7	7.8	7.8		8.6	8.6		12	12.0	
				Bottom	7	20.9	20.9	32.9	32.9	87.6	87.6	7.8	7.8		8.5	8.2		31	30.5	
14-Dec-07	Sunny	Rough	17:05	Surface	1	22.0	22.0	33.0	33.0	98.5	98.2	6.7	6.7	6.4	7.2	7.2	7.3	31	30.5	35.7
				Middle	4	21.9	21.9	32.9	32.9	97.9	99.1	6.0	6.0		7.2	7.6		35	34.5	
				Bottom	7	21.9	21.9	32.9	32.9	89.1	89.1	6.0	6.0		7.5	7.5		42	42.0	
17-Dec-07	Sunny	Rough	18:21	Surface	1	20.8	20.9	31.8	31.8	89.4	89.4	7.9	7.9	7.9	8.1	8.1	8.2	24	24.0	26.0
				Middle	4	20.8	20.8	31.7	31.7	87.7	87.6	7.8	7.8		8.5	8.5		17	17.0	
				Bottom	7	20.7	20.7	31.7	31.7	87.5	87.5	7.8	7.8		8.4	8.1		37	37.0	
19-Dec-07	Sunny	Moderate	09:50	Surface	1	19.7	19.7	32.0	32.0	84.2	84.2	6.2	6.2	6.2	3.0	3.1	4.4	11	11.0	15.8
				Middle	4	19.7	19.7	32.0	32.0	84.1	84.0	6.2	6.2		3.1	3.9		13	13.0	
				Bottom	7	19.6	19.6	32.0	32.0	84.0	84.0	6.2	6.2		3.9	6.3		23	23.5	
21-Dec-07	Sunny	Moderate	10:58	Surface	1	20.2	20.2	32.6	32.6	91.0	90.6	7.3	7.3	7.2	8.5	8.5	9.4	13	13.5	18.8
				Middle	4	20.1	20.1	32.6	32.6	90.1	87.2	7.0	7.0		8.4	8.3		28	28.0	
				Bottom	7	20.1	20.1	32.6	32.6	87.0	85.5	6.9	6.9		8.3	11.3		15	15.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at G1 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
26-Nov-07	Sunny	Rough	10:32	Surface	1	20.9	20.9	30.4	30.4	83.5	83.5	6.1	6.1	6.1	6.2	6.2	8.8	13	13.0	22.7
				Middle	3.5	20.9	20.9	30.4	30.4	83.3	83.3	6.1	6.1		6.2	6.2		13	13.0	
				Bottom	6	20.8	20.8	30.4	30.4	83.3	83.3	6.1	6.1		6.1	13.1		13.4	15	
28-Nov-07	Sunny	Rough	11:33	Surface	1	19.9	19.9	31.4	31.4	73.9	73.9	5.1	5.1	5.4	13.8	13.7	9.5	42	41.0	37.5
				Middle	3.5	19.9	19.9	31.4	31.4	79.7	79.7	5.6	5.6		9.3	9.2		35	35.5	
				Bottom	6	19.8	19.8	31.4	31.4	78.7	78.6	5.6	5.6		5.6	5.5		5.6	36	
30-Nov-07	Sunny	Rough	16:36	Surface	1	21.1	21.1	30.3	30.3	80.9	80.9	6.3	6.3	6.3	7.2	7.2	9.8	14	14.0	20.7
				Middle	3.5	21.0	21.0	30.3	30.3	80.7	80.7	6.3	6.3		7.9	7.9		25	25.0	
				Bottom	6	20.9	20.9	30.3	30.3	80.7	80.7	6.3	6.3		6.3	14.1		14.4	23	
3-Dec-07	Sunny	Rough	15:56	Surface	1	20.9	20.9	30.4	30.4	81.8	81.8	6.5	6.5	6.5	6.8	6.8	9.4	29	29.0	23.7
				Middle	3.5	20.8	20.8	30.4	30.4	81.6	81.6	6.5	6.5		7.5	7.5		22	22.0	
				Bottom	6	20.7	20.7	30.5	30.5	81.6	81.6	6.5	6.5		6.5	13.7		14.0	20	
5-Dec-07	Sunny	Moderate	17:27	Surface	1	19.7	19.7	32.9	32.9	93.9	94.3	7.1	7.1	7.1	10.9	11.4	12.1	10	10.0	24.3
				Middle	4	19.7	19.7	32.9	32.9	94.0	94.4	7.1	7.1		12.3	12.4		19	18.5	
				Bottom	7	19.7	19.7	32.9	32.9	94.1	94.4	7.1	7.1		7.1	12.9		12.4	45	
7-Dec-07	Sunny	Moderate	15:16	Surface	1	20.8	20.9	31.7	31.7	90.5	90.5	6.7	6.7	6.6	5.2	5.4	5.2	15	15.0	14.8
				Middle	3.5	20.8	20.8	31.6	31.7	88.8	88.7	6.5	6.5		4.6	4.6		15	15.0	
				Bottom	6	20.7	20.7	31.7	31.7	88.6	88.6	6.5	6.5		6.5	5.7		5.7	14	
10-Dec-07	Sunny	Moderate	09:27	Surface	1	21.3	21.3	32.7	32.7	95.4	95.6	7.4	7.4	7.5	11.2	11.7	12.4	18	18.0	19.5
				Middle	4	21.1	21.1	32.7	32.7	97.0	96.9	7.5	7.5		12.6	12.7		27	26.5	
				Bottom	7	21.1	21.1	32.7	32.7	91.8	91.4	7.1	7.1		7.1	13.2		12.7	14	
12-Dec-07	Sunny	Rough	10:21	Surface	1	20.9	20.9	32.9	32.9	87.7	87.7	7.8	7.8	7.8	7.0	7.0	8.0	16	16.0	25.0
				Middle	3.5	20.8	20.8	33.0	33.0	87.5	87.5	7.8	7.8		7.7	7.7		25	25.0	
				Bottom	6	20.7	20.7	32.9	32.9	87.5	87.5	7.8	7.8		7.8	8.9		9.2	35	
14-Dec-07	Sunny	Rough	12:39	Surface	1	21.9	21.9	32.9	32.9	99.6	99.6	6.8	6.8	6.8	7.3	7.4	7.8	24	24.0	22.3
				Middle	3.5	21.8	21.8	33.0	33.0	98.4	98.3	6.7	6.7		7.8	7.9		15	15.0	
				Bottom	6	21.7	21.7	32.9	32.9	96.8	96.8	6.6	6.6		6.6	7.9		8.2	28	
17-Dec-07	Sunny	Rough	13:52	Surface	1	20.8	20.8	31.5	31.5	87.6	87.6	7.7	7.7	7.7	6.9	6.9	7.9	38	38.0	34.5
				Middle	3.5	20.8	20.8	31.5	31.5	87.4	87.4	7.7	7.7		7.6	7.6		29	28.5	
				Bottom	6	20.7	20.7	31.5	31.5	87.4	87.4	7.7	7.7		7.7	8.8		9.1	37	
19-Dec-07	Sunny	Moderate	15:03	Surface	1	19.7	19.8	32.0	32.0	89.9	89.9	6.7	6.7	6.7	6.4	6.6	6.4	22	22.0	24.0
				Middle	3.5	19.7	19.7	32.0	32.0	88.2	88.1	6.6	6.6		5.8	5.8		25	25.0	
				Bottom	6	19.6	19.6	32.0	32.0	88.0	88.0	6.6	6.6		6.6	6.9		6.9	25	
21-Dec-07	Sunny	Moderate	16:31	Surface	1	21.5	21.5	33.0	33.0	91.8	91.4	7.1	7.1	7.2	6.9	6.8	11.6	9	9.5	18.5
				Middle	3.5	21.8	21.8	32.7	32.7	94.0	94.1	7.2	7.2		10.7	10.9		20	20.0	
				Bottom	6	21.5	21.5	32.8	32.8	92.1	91.9	7.1	7.1		7.1	16.9		17.0	26	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at G2 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
26-Nov-07	Sunny	Rough	13:01	Surface	1	20.8 20.8	20.8	30.4 30.4	30.4	88.3 88.1	88.2	6.5 6.5	6.5	6.5	10.7 11.0	10.9	9.0	28 28	28.0	20.5		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	21.0 21.0	21.0	30.3 30.3	30.3	87.8 87.7	87.8	6.5 6.5	6.5	6.5	6.9 7.0	7.0		6.9 7.0	7.0		13 13	13.0
28-Nov-07	Sunny	Rough	13:37	Surface	1	19.8 19.8	19.8	31.4 31.4	31.4	66.6 66.0	66.3	4.7 4.7	4.7	4.7	7.1 7.0	7.1	7.4	29 28	28.5	25.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.0 20.0	20.0	31.4 31.3	31.4	73.6 73.7	73.7	5.3 5.3	5.3	5.3	7.8 7.5	7.7		7.8 7.5	7.7		22 24	23.0
30-Nov-07	Sunny	Rough	08:48	Surface	1	21.0 21.0	21.0	30.3 30.3	30.3	85.7 85.5	85.6	6.6 6.6	6.6	6.6	11.8 12.1	12.0	10.1	28 28	28.0	20.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.9 20.9	20.9	30.3 30.3	30.3	85.2 85.1	85.2	6.6 6.6	6.6	6.6	8.0 8.1	8.1		8.0 8.1	8.1		13 14	13.5
3-Dec-07	Sunny	Rough	07:51	Surface	1	20.8 20.8	20.8	31.6 31.6	31.6	86.8 86.6	86.7	6.8 6.8	6.8	6.8	11.6 11.9	11.8	9.9	31 30	30.5	31.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.7 20.7	20.7	31.5 31.5	31.5	86.3 86.2	86.3	6.8 6.8	6.8	6.8	7.8 7.9	7.9		7.8 7.9	7.9		32 32	32.0
5-Dec-07	Sunny	Moderate	10:02	Surface	1	19.9 19.9	19.9	32.9 32.9	32.9	92.8 92.6	92.7	7.0 6.9	7.0	7.0	6.9 6.9	6.9	7.0	13 13	13.0	14.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	19.9 19.9	19.9	32.9 32.9	32.9	92.2 92.2	92.2	6.9 6.9	6.9	6.9	7.1 7.1	7.1		7.1 7.1	7.1		15 15	15.0
7-Dec-07	Sunny	Moderate	09:30	Surface	1	20.8 20.8	20.8	31.6 31.6	31.6	86.2 86.2	86.2	6.3 6.3	6.3	6.3	4.0 3.8	3.9	9.3	13 13	13.0	10.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.6 20.6	20.6	31.7 31.7	31.7	86.2 86.3	86.3	6.3 6.3	6.3	6.3	14.9 14.2	14.6		14.9 14.2	14.6		8 9	8.5
10-Dec-07	Sunny	Moderate	15:10	Surface	1	22.1 22.1	22.1	32.7 32.7	32.7	92.1 90.3	91.2	6.6 6.5	6.6	6.6	7.2 7.2	7.2	7.3	18 18	18.0	17.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	22.1 22.1	22.1	32.7 32.7	32.7	99.6 100.9	100.3	7.1 7.2	7.2	7.2	7.4 7.4	7.4		7.4 7.4	7.4		17 18	17.5
12-Dec-07	Sunny	Rough	14:09	Surface	1	20.9 20.9	20.9	33.2 33.2	33.2	88.6 88.4	88.5	7.9 7.9	7.9	7.9	7.5 7.3	7.4	7.6	12 12	12.0	24.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	21.1 21.1	21.1	33.2 33.2	33.2	88.1 88.0	88.1	7.9 7.9	7.9	7.9	7.7 7.8	7.8		7.7 7.8	7.8		37 36	36.5
14-Dec-07	Sunny	Rough	15:36	Surface	1	21.9 21.9	21.9	33.2 33.2	33.2	102.1 102.3	102.2	6.9 6.9	6.9	6.9	7.7 7.9	7.8	7.8	16 16	16.0	17.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	22.1 22.1	22.1	33.2 33.2	33.2	101.2 101.1	101.2	6.8 6.8	6.8	6.8	7.7 7.8	7.8		7.7 7.8	7.8		18 18	18.0
17-Dec-07	Sunny	Rough	16:48	Surface	1	20.7 20.7	20.7	32.0 32.0	32.0	88.5 88.3	88.4	7.9 7.9	7.9	7.9	7.5 7.3	7.4	7.6	17 17	17.0	21.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.9 20.9	20.9	32.0 32.0	32.0	88.0 87.9	88.0	7.8 7.8	7.8	7.8	7.7 7.8	7.8		7.7 7.8	7.8		26 25	25.5
19-Dec-07	Sunny	Moderate	08:17	Surface	1	19.7 19.7	19.7	31.9 31.9	31.9	85.6 85.6	85.6	6.4 6.4	6.4	6.4	4.0 3.8	3.9	6.8	7 8	7.5	15.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	19.5 19.5	19.5	32.0 32.0	32.0	85.6 85.7	85.7	6.4 6.4	6.4	6.4	9.4 9.7	9.6		9.4 9.7	9.6		24 22	23.0
21-Dec-07	Sunny	Moderate	09:25	Surface	1	19.9 19.9	19.9	32.5 32.5	32.5	88.4 88.3	88.4	7.2 7.2	7.2	7.2	8.3 8.2	8.3	8.2	19 19	19.0	17.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.1 20.1	20.1	32.5 32.5	32.5	94.6 93.5	94.1	7.6 7.6	7.6	7.6	8.0 7.9	8.0		8.0 7.9	8.0		15 15	15.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at G2 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
26-Nov-07	Sunny	Rough	08:59	Surface	1	20.9	20.9	30.2	30.2	84.9	84.9	6.3	6.3	6.3	7.2	7.1	12.5	22	22.0	21.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.8	20.8	30.3	30.3	84.9	85.0	6.3	6.3		6.3	18.1		17.8	20		20.0		
28-Nov-07	Sunny	Rough	10:00	Surface	1	19.9	19.9	31.3	31.3	79.0	79.1	5.7	5.7	5.7	5.7	5.8	6.2	28	28.0	22.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	4	19.7	19.7	31.4	31.4	76.1	76.2	5.3	5.3		5.3	6.7		6.5	17		17.0		
30-Nov-07	Sunny	Rough	15:03	Surface	1	20.9	20.9	30.3	30.3	82.3	82.3	6.4	6.4	6.4	8.2	8.1	13.7	21	21.0	17.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	4	21.2	21.2	30.4	30.4	82.3	82.4	6.4	6.4		6.4	19.1		19.3	13		13.5		
3-Dec-07	Sunny	Rough	14:23	Surface	1	20.7	20.7	30.4	30.4	83.2	83.2	6.6	6.6	6.6	7.8	7.7	13.3	16	16.0	20.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	4	21.0	21.0	30.5	30.5	83.2	83.3	6.6	6.6		6.6	18.7		18.9	25		25.0		
5-Dec-07	Sunny	Moderate	15:43	Surface	1	20.2	20.2	32.9	33.0	97.7	97.4	7.3	7.3	7.3	6.3	6.5	6.5	36	36.0	22.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	4	20.1	20.1	32.9	32.9	96.9	96.9	7.2	7.2		7.2	6.4		6.4	9		9.5		
7-Dec-07	Sunny	Moderate	13:43	Surface	1	20.7	20.7	31.7	31.7	89.6	89.5	6.6	6.6	6.6	7.5	7.7	5.8	17	17.0	16.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	20.9	20.9	31.7	31.7	89.1	89.0	6.5	6.5		6.5	3.7		3.8	15		15.0		
10-Dec-07	Sunny	Moderate	08:03	Surface	1	21.6	21.6	32.9	33.0	94.4	93.9	6.5	6.5	6.5	6.6	6.8	6.8	10	10.0	16.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	21.5	21.5	33.0	33.0	111.1	111.9	7.8	7.8		7.8	6.7		6.7	22		22.0		
12-Dec-07	Sunny	Rough	08:48	Surface	1	20.8	20.8	32.9	32.9	89.1	89.1	7.9	7.9	7.9	7.0	7.0	6.7	24	24.0	21.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	20.7	20.7	32.9	32.9	89.1	89.2	7.9	7.9		7.9	6.3		6.3	18		18.5		
14-Dec-07	Sunny	Rough	11:08	Surface	1	21.8	21.8	32.9	32.9	91.3	91.3	6.2	6.2	6.2	7.2	7.2	7.3	19	19.0	23.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	21.7	21.7	32.9	32.9	90.6	90.6	6.2	6.2		6.2	7.3		7.3	28		28.0		
17-Dec-07	Sunny	Rough	12:19	Surface	1	20.8	20.8	31.5	31.5	88.5	89.0	7.9	7.9	7.9	6.9	6.9	6.6	37	37.0	35.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	20.6	20.6	31.5	31.5	89.3	89.1	7.9	7.9		7.9	6.2		6.2	34		34.0		
19-Dec-07	Sunny	Moderate	13:30	Surface	1	19.6	19.6	32.0	32.0	89.0	88.8	6.6	6.6	6.6	5.3	5.4	6.4	18	18.0	20.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	19.8	19.8	32.0	32.0	88.5	88.4	6.6	6.6		6.6	7.2		7.3	22		22.0		
21-Dec-07	Sunny	Moderate	14:58	Surface	1	20.3	20.3	32.4	32.4	74.3	74.3	5.9	5.9	5.9	10.5	10.5	10.7	15	15.0	16.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	20.6	20.6	32.6	32.6	73.1	73.0	5.7	5.7		5.7	10.8		10.8	18		18.0		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR1 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average			
26-Nov-07	Sunny	Rough	13:44	Surface	1	20.9 20.9	20.9	30.3 30.4	30.4	93.2 92.5	92.9	6.9 6.8	6.9	6.9	6.8 6.8	6.8	8.4	22 22	22.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-	-	-
				Bottom	3	20.8 20.8	20.8	30.4 30.4	30.4	92.2 91.6	91.9	6.8 6.8	6.8		6.8			10.3 9.6		10.0	10 10	10.0
28-Nov-07	Sunny	Rough	14:21	Surface	1	19.9 19.9	19.9	31.3 31.4	31.4	67.1 67.3	67.2	4.8 4.8	4.8	4.8	7.0 6.6	6.8	7.0	30 30	30.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-	-	
				Bottom	3	19.8 19.8	19.8	31.4 31.4	31.4	65.8 65.7	65.8	4.7 4.7	4.7		4.7			7.3 7.0		7.2	30 30	30.0
30-Nov-07	Sunny	Rough	09:31	Surface	1	21.1 21.1	21.1	30.3 30.3	30.3	90.6 89.9	90.3	7.0 7.0	7.0	7.0	7.9 7.9	7.9	9.5	17 17	17.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.9 20.9	20.9	30.3 30.3	30.3	89.6 89.0	89.3	6.9 6.9	6.9		6.9			11.4 10.7		11.1	18 18	18.0
3-Dec-07	Sunny	Rough	08:35	Surface	1	20.9 20.9	20.9	31.5 31.6	31.6	91.7 91.0	91.4	7.2 7.2	7.2	7.2	7.7 7.7	7.7	11.0	36 34	35.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.7 20.7	20.7	31.6 31.6	31.6	90.7 90.1	90.4	7.1 7.1	7.1		7.1			14.2 14.1		14.2	24 24	24.0
5-Dec-07	Sunny	Moderate	09:04	Surface	1	20.3 20.3	20.3	33.1 33.1	33.1	91.4 91.1	91.3	6.8 6.8	6.8	6.8	11.6 11.4	11.5	13.1	14 14	14.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	4	20.3 20.3	20.3	33.1 33.1	33.1	90.4 90.3	90.4	6.7 6.7	6.7		6.7			14.6 14.8		14.7	20 20	20.0
7-Dec-07	Sunny	Moderate	10:13	Surface	1	20.8 20.9	20.9	31.7 31.7	31.7	85.8 85.7	85.8	6.3 6.3	6.3	6.3	4.0 4.1	4.1	8.1	18 18	18.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.7 20.7	20.7	31.7 31.7	31.7	85.7 85.6	85.7	6.3 6.3	6.3		6.3			12.1 12.0		12.1	26 26	26.0
10-Dec-07	Sunny	Moderate	13:42	Surface	1	22.6 22.6	22.6	32.9 32.9	32.9	101.6 102.5	102.1	7.3 7.3	7.3	7.3	11.9 11.7	11.8	13.3	21 21	21.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	4	22.9 23.0	23.0	33.0 32.9	33.0	105.3 103.3	104.3	7.5 7.4	7.5		7.5			14.3 15.1		14.7	32 32	32.0
12-Dec-07	Sunny	Rough	14:49	Surface	1	21.0 20.9	21.0	32.9 32.9	32.9	90.5 90.8	90.7	8.0 8.1	8.1	8.1	7.6 7.6	7.6	8.0	17 17	17.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.9 20.8	20.9	32.9 32.9	32.9	92.5 91.9	92.2	8.2 8.1	8.2		8.2			8.1 8.4		8.3	24 24	24.0
14-Dec-07	Sunny	Rough	16:19	Surface	1	22.0 21.9	22.0	32.9 32.9	32.9	93.5 93.5	93.5	6.4 6.4	6.4	6.4	6.6 6.6	6.6	7.0	11 11	11.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	21.9 21.8	21.9	32.9 32.9	32.9	92.4 90.3	91.4	6.3 6.1	6.2		6.2			7.1 7.4		7.3	10 10	10.0
17-Dec-07	Sunny	Rough	17:23	Surface	1	20.8 20.8	20.8	31.7 31.7	31.7	90.4 90.7	90.6	8.0 8.0	8.0	8.0	7.5 7.5	7.5	7.9	26 26	26.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.7 20.7	20.7	31.7 31.7	31.7	92.4 91.8	92.1	8.2 8.1	8.2		8.2			8.2 8.3		8.3	37 35	36.0
19-Dec-07	Sunny	Moderate	09:00	Surface	1	19.7 19.8	19.8	32.0 32.0	32.0	85.2 85.1	85.2	6.3 6.3	6.3	6.3	4.0 4.1	4.1	5.9	19 19	19.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	19.6 19.6	19.6	32.0 32.0	32.0	85.1 85.0	85.1	6.3 6.3	6.3		6.3			7.6 7.8		7.7	20 20	20.0
21-Dec-07	Sunny	Moderate	10:09	Surface	1	20.3 20.3	20.3	32.8 32.8	32.8	89.7 89.4	89.6	7.2 7.2	7.2	7.2	8.3 8.0	8.2	8.2	13 13	13.0			
				Middle	-	-	-	-	-	-	-	-	-		-			-		-		
				Bottom	3	20.6 20.6	20.6	33.0 33.0	33.0	87.8 87.6	87.7	7.0 7.0	7.0		7.0			8.1 8.1		8.1	16 16	16.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR1 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
26-Nov-07	Sunny	Rough	09:42	Surface	1	20.9 21.0	21.0	30.3 30.3	30.3	84.5 84.4	84.5	6.2 6.2	6.2	6.2	7.2 7.3	7.3	11.3	18 18	18.0	28.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.8 20.8	20.8	30.4 30.4	30.4	84.4 84.3	84.4	6.2 6.2	6.2	6.2	15.3 15.2	15.3		38 38	38.0			
28-Nov-07	Sunny	Rough	10:43	Surface	1	19.9 20.0	20.0	31.4 31.4	31.4	82.8 83.0	82.9	5.9 5.9	5.9	4.9 4.5	4.7	3.7	52 52	52.0	60.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	19.8 19.8	19.8	31.4 31.4	31.4	83.5 83.5	83.5	6.0 6.0	6.0	6.0	2.6 2.7		2.7	68 68		68.0		
30-Nov-07	Sunny	Rough	15:46	Surface	1	21.1 21.0	21.1	30.2 30.2	30.2	81.9 81.8	81.9	6.3 6.3	6.3	8.2 8.3	8.3	12.3	18 18	18.0	19.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.9 20.9	20.9	30.2 30.2	30.2	81.8 81.7	81.8	6.3 6.3	6.3	6.3	16.3 16.2		16.3	20 20		20.0		
3-Dec-07	Sunny	Rough	15:06	Surface	1	20.9 20.8	20.9	30.3 30.3	30.3	82.8 82.7	82.8	6.6 6.6	6.6	7.8 7.9	7.9	11.9	25 25	25.0	30.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.7 20.7	20.7	30.3 30.3	30.3	82.7 82.6	82.7	6.5 6.5	6.5	6.5	15.9 15.8		15.9	36 34		35.0		
5-Dec-07	Sunny	Moderate	16:23	Surface	1	20.5 20.5	20.5	33.2 33.2	33.2	92.6 92.3	92.5	6.9 6.8	6.9	13.6 13.7	13.7	16.9	9 10	9.5	14.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.4 20.4	20.4	33.2 33.2	33.2	91.9 92.1	92.0	6.8 6.8	6.8	6.8	20.8 19.2		20.0	19 18		18.5		
7-Dec-07	Sunny	Moderate	14:27	Surface	1	20.8 20.8	20.8	31.6 31.7	31.7	94.5 93.8	94.2	7.0 6.9	7.0	3.6 3.6	3.6	5.2	15 15	15.0	12.3			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.7 20.7	20.7	31.7 31.7	31.7	93.5 92.9	93.2	6.9 6.8	6.9	6.9	7.1 6.4		6.8	9 10		9.5		
10-Dec-07	Sunny	Moderate	08:43	Surface	1	21.3 21.3	21.3	32.7 32.7	32.7	103.0 101.7	102.4	7.1 7.0	7.1	15.9 16.2	16.1	18.2	8 9	8.5	13.3			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	21.3 21.3	21.3	32.7 32.7	32.7	95.3 93.5	94.4	6.6 6.5	6.6	6.6	21.1 19.5		20.3	18 18		18.0		
12-Dec-07	Sunny	Rough	09:31	Surface	1	20.8 20.9	20.9	33.2 33.2	33.2	88.7 88.6	88.7	7.9 7.9	7.9	8.0 8.1	8.1	10.1	24 24	24.0	18.3			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.7 20.7	20.7	33.2 33.2	33.2	88.6 88.5	88.6	7.8 7.8	7.8	7.8	12.1 12.0		12.1	12 13		12.5		
14-Dec-07	Sunny	Rough	11:51	Surface	1	21.8 21.9	21.9	33.2 33.2	33.2	94.6 93.9	94.3	6.5 6.4	6.5	8.5 8.6	8.6	10.7	22 23	22.5	20.8			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	21.7 21.7	21.7	33.2 33.2	33.2	94.0 94.3	94.2	6.4 6.4	6.4	6.4	12.6 12.7		12.7	19 19		19.0		
17-Dec-07	Sunny	Rough	13:03	Surface	1	20.8 20.9	20.9	31.8 31.8	31.8	88.6 88.5	88.6	7.8 7.8	7.8	7.8 7.8	7.8	9.0	24 24	24.0	25.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	20.7 20.7	20.7	31.7 31.8	31.8	88.5 88.4	88.5	7.8 7.8	7.8	7.8	10.2 10.1		10.2	26 26		26.0		
19-Dec-07	Sunny	Moderate	14:13	Surface	1	19.7 19.7	19.7	32.0 32.0	32.0	93.9 93.2	93.6	7.0 6.9	7.0	3.6 3.6	3.6	5.2	21 21	21.0	23.8			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	19.6 19.6	19.6	32.0 32.0	32.0	92.9 92.3	92.6	6.9 6.9	6.9	6.9	7.1 6.4		6.8	27 26		26.5		
21-Dec-07	Sunny	Moderate	15:41	Surface	1	21.9 21.9	21.9	32.6 32.6	32.6	68.2 68.4	68.3	5.2 5.2	5.2	6.5 6.5	6.5	6.7	19 19	19.0	21.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	21.3 21.3	21.3	32.6 32.6	32.6	69.0 69.0	69.0	5.3 5.3	5.3	5.3	6.8 6.9		6.9	23 23		23.0		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.



**Water Quality Monitoring Results at SR2 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average
26-Nov-07	Sunny	Rough	13:31	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	21.0 21.0	21.0	30.3 30.3	30.3	93.4 92.9	93.2	6.9 6.9	6.9	6.8 6.9	6.9	6.9	61 60	60.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28-Nov-07	Sunny	Rough	14:07	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.0 20.0	20.0	31.4 31.4	31.4	71.6 72.0	71.8	5.2 5.2	5.2	6.8 6.9	6.9	6.9	19 19	19.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30-Nov-07	Sunny	Rough	09:17	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.9 20.9	20.9	30.3 30.3	30.3	90.8 90.3	90.6	7.0 7.0	7.0	8.2 8.0	8.1	8.1	17 17	17.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Dec-07	Sunny	Rough	08:21	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.7 20.7	20.7	31.5 31.5	31.5	91.9 91.4	91.7	7.2 7.2	7.2	8.0 7.8	7.9	7.9	16 16	16.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5-Dec-07	Sunny	Moderate	08:52	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.2	20.1 20.1	20.1	33.2 33.2	33.2	93.9 93.5	93.7	7.0 7.0	7.0	13.2 12.9	13.1	13.1	3 4	3.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-Dec-07	Sunny	Moderate	10:00	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.7 20.7	20.7	31.7 31.7	31.7	85.9 85.9	85.9	6.3 6.3	6.3	3.8 3.9	3.9	3.9	9 10	9.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10-Dec-07	Sunny	Moderate	13:55	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	22.6 22.6	22.6	32.9 32.9	32.9	89.3 88.1	88.7	6.4 6.3	6.4	13.5 13.2	13.4	13.4	12 12	12.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-07	Sunny	Rough	14:37	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	21.1 21.1	21.1	33.1 33.1	33.1	91.7 91.2	91.5	8.2 8.1	8.2	7.5 7.6	7.6	7.6	13 14	13.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-Dec-07	Sunny	Rough	16:04	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	22.1 22.1	22.1	33.1 33.1	33.1	93.5 93.5	93.5	6.4 6.4	6.4	7.1 7.3	7.2	7.2	34 34	34.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17-Dec-07	Sunny	Rough	17:15	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.9 20.9	20.9	31.9 31.9	31.9	91.6 91.1	91.4	8.1 8.1	8.1	7.8 7.8	7.8	7.8	35 35	35.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19-Dec-07	Sunny	Moderate	08:46	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	19.6 19.6	19.6	32.0 32.0	32.0	85.3 85.3	85.3	6.3 6.3	6.3	3.8 3.9	3.9	3.9	17 17	17.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21-Dec-07	Sunny	Moderate	09:55	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	20.1 20.1	20.1	32.6 32.6	32.6	97.5 96.4	97.0	7.9 7.8	7.9	8.1 8.1	8.1	8.1	29 29	29.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR2 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*			
26-Nov-07	Sunny	Rough	09:28	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	20.8 20.8	20.8	30.4 30.4	30.4	84.6 84.6	84.6	6.2 6.2	6.2	6.2	6.2	6.2	7.0 7.1	7.1	7.1	7	7.0	7.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28-Nov-07	Sunny	Rough	10:30	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	19.8 19.8	19.8	31.4 31.4	31.4	79.7 79.3	79.5	5.5 5.5	5.5	5.5	5.5	11.1 11.2	11.2	11.2	28 28	28.0	28.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30-Nov-07	Sunny	Rough	15:33	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	21.2 21.2	21.2	30.4 30.4	30.4	82.0 82.0	82.0	6.4 6.4	6.4	6.4	6.4	8.0 8.1	8.1	8.1	26 26	26.0	26.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Dec-07	Sunny	Rough	14:53	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	21.0 21.0	21.0	30.5 30.5	30.5	82.9 82.9	82.9	6.6 6.6	6.6	6.6	6.6	7.6 7.7	7.7	7.7	29 29	29.0	29.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5-Dec-07	Sunny	Moderate	16:11	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	20.7 20.8	20.8	33.2 33.2	33.2	94.9 94.8	94.9	7.0 7.0	7.0	7.0	7.0	13.8 14.5	14.2	14.2	24 24	24.0	24.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-Dec-07	Sunny	Moderate	14:13	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	20.9 20.9	20.9	31.7 31.7	31.7	94.7 94.2	94.5	7.0 6.9	7.0	7.0	3.6 3.7	3.7	3.7	15 15	15.0	15.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10-Dec-07	Sunny	Moderate	08:29	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	21.5 21.5	21.5	32.9 32.9	32.9	102.1 105.0	103.6	7.1 7.3	7.2	7.2	14.1 14.8	14.5	14.5	26 26	26.0	26.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-07	Sunny	Rough	09:16	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	20.7 20.7	20.7	33.2 33.2	33.2	88.8 88.8	88.8	7.9 7.9	7.9	7.9	7.8 7.9	7.9	7.9	18 18	18.0	18.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-Dec-07	Sunny	Rough	11:36	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.2	21.7 21.7	21.7	33.2 33.2	33.2	90.7 90.7	90.7	6.2 6.2	6.2	6.2	7.8 7.9	7.9	7.9	35 35	35.0	35.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17-Dec-07	Sunny	Rough	12:48	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	20.7 20.7	20.7	31.7 31.7	31.7	88.7 88.7	88.7	7.8 7.8	7.8	7.8	7.7 7.8	7.8	7.8	35 36	35.5	35.5		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19-Dec-07	Sunny	Moderate	14:00	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.3	19.8 19.8	19.8	32.0 32.0	32.0	94.1 93.6	93.9	7.0 7.0	7.0	7.0	3.6 3.7	3.7	3.7	18 18	18.0	18.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21-Dec-07	Sunny	Moderate	15:28	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
				Middle	1.2	20.7 20.7	20.7	32.6 32.6	32.6	76.4 76.7	76.6	6.0 6.0	6.0	6.0	8.4 8.4	8.4	8.4	18 18	18.0	18.0		
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR3 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
26-Nov-07	Sunny	Rough	13:15	Surface	1	20.9 20.8	20.9	30.3 30.4	30.4	87.9 87.6	87.8	6.5 6.5	6.5	6.5	7.4 7.4	7.4	7.9	17 17	17.0	24.5		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.8 20.8	20.8	30.4 30.4	30.4	94.8 94.2	94.5	7.0 7.0	7.0	7.0	8.4 8.3	8.4		8.4	32 32		32.0	
28-Nov-07	Sunny	Rough	13:52	Surface	1	19.9 19.8	19.9	31.4 31.4	31.4	66.3 66.2	66.3	4.7 4.7	4.7	4.7	6.8 6.6	6.7	6.9	18 19	18.5	25.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	19.8 19.8	19.8	31.4 31.4	31.4	67.5 65.9	66.7	4.8 4.7	4.8	4.8	7.2 6.8	7.0		7.0	32 32		32.0	
30-Nov-07	Sunny	Rough	09:02	Surface	1	21.1 21.1	21.1	30.3 30.3	30.3	85.3 85.0	85.2	6.6 6.6	6.6	6.6	8.5 8.5	8.5	9.0	13 13	13.0	14.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.9 20.9	20.9	30.3 30.3	30.3	92.2 91.6	91.9	7.1 7.1	7.1	7.1	9.5 9.4	9.5		9.5	15 15		15.0	
3-Dec-07	Sunny	Rough	08:05	Surface	1	20.9 20.9	20.9	31.5 31.6	31.6	86.4 86.1	86.3	6.8 6.8	6.8	6.8	8.3 8.3	8.3	8.8	15 16	15.5	21.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.7 20.7	20.7	31.6 31.6	31.6	93.3 92.7	93.0	7.3 7.3	7.3	7.3	9.3 9.2	9.3		9.3	27 26		26.5	
5-Dec-07	Sunny	Moderate	08:38	Surface	1	20.4 20.4	20.4	33.2 33.2	33.2	94.5 93.8	94.2	7.0 7.0	7.0	7.0	12.2 12.7	12.5	13.7	13 13	13.0	11.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.3 20.3	20.3	33.2 33.2	33.2	92.8 92.5	92.7	6.9 6.9	6.9	6.9	14.5 15.0	14.8		14.8	9 9		9.0	
7-Dec-07	Sunny	Moderate	09:44	Surface	1	20.8 20.8	20.8	31.6 31.6	31.6	86.1 86.0	86.1	6.3 6.3	6.3	6.3	4.0 3.9	4.0	7.7	21 22	21.5	15.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.7 20.7	20.7	31.7 31.7	31.7	86.0 86.0	86.0	6.3 6.3	6.3	6.3	11.3 11.2	11.3		11.3	9 9		9.0	
10-Dec-07	Sunny	Moderate	13:27	Surface	1	22.4 22.4	22.4	32.7 32.7	32.7	102.9 103.0	103.0	7.4 7.4	7.4	7.4	12.5 13.0	12.8	14.0	14 14	14.0	16.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	22.3 22.3	22.3	32.7 32.7	32.7	103.6 98.5	101.1	7.4 7.0	7.2	7.2	14.8 15.3	15.1		15.1	19 20		19.5	
12-Dec-07	Sunny	Rough	14:24	Surface	1	20.9 20.9	20.9	33.2 33.2	33.2	88.2 87.9	88.1	7.9 7.8	7.9	7.9	8.2 8.2	8.2	8.7	19 19	19.0	18.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.9 20.9	20.9	33.1 33.1	33.1	88.6 88.6	88.6	7.9 7.9	7.9	7.9	9.2 9.1	9.2		9.2	17 17		17.0	
14-Dec-07	Sunny	Rough	15:50	Surface	1	21.9 21.9	21.9	33.2 33.2	33.2	90.9 90.7	90.8	6.2 6.2	6.2	6.2	7.2 7.2	7.2	8.4	23 23	23.0	28.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	21.9 21.9	21.9	33.1 33.1	33.1	87.8 87.8	87.8	6.0 6.0	6.0	6.0	9.5 9.7	9.6		9.6	34 33		33.5	
17-Dec-07	Sunny	Rough	17:03	Surface	1	20.8 20.7	20.8	32.0 32.0	32.0	88.1 87.8	88.0	7.8 7.8	7.8	7.8	8.1 8.1	8.1	8.6	9 10	9.5	19.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.7 20.7	20.7	31.9 31.9	31.9	88.5 88.5	88.5	7.8 7.8	7.8	7.8	9.1 9.0	9.1		9.1	29 29		29.0	
19-Dec-07	Sunny	Moderate	08:31	Surface	1	19.7 19.7	19.7	31.9 31.9	31.9	85.5 85.4	85.5	6.3 6.3	6.3	6.3	4.0 3.9	4.0	5.8	6 6	6.0	4.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	19.6 19.6	19.6	32.0 32.0	32.0	85.4 85.4	85.4	6.3 6.3	6.3	6.3	7.6 7.5	7.6		7.6	3 4		3.5	
21-Dec-07	Sunny	Moderate	09:40	Surface	1	20.1 20.1	20.1	32.6 32.6	32.6	91.4 91.0	91.2	7.4 7.4	7.4	7.4	7.9 7.9	7.9	8.5	11 12	11.5	11.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	20.1 20.1	20.1	32.6 32.6	32.6	89.1 88.7	88.9	7.2 7.2	7.2	7.2	9.0 9.2	9.1		9.1	11 11		11.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR3 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
26-Nov-07	Sunny	Rough	09:13	Surface	1	20.9	20.9	30.3	30.3	84.8	84.8	6.2	6.2	6.2	7.2	7.2	10.9	34	34.0	24.8	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-
				Bottom	4	20.8	20.8	30.3	30.3	84.7	84.7	6.2	6.2		6.2	14.5		14.5	15		15.5
28-Nov-07	Sunny	Rough	10:14	Surface	1	19.9	19.9	31.3	31.3	78.0	78.0	5.4	5.4	5.4	10.4	10.3	6.6	24	24.0	22.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	19.8	19.8	31.4	31.4	80.1	80.1	5.8	5.8		5.8	2.8		2.8	21		21.0
30-Nov-07	Sunny	Rough	15:18	Surface	1	21.0	21.0	30.3	30.4	82.2	82.2	6.4	6.4	6.4	8.2	8.2	11.9	23	23.0	21.0	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	21.0	21.0	30.4	30.4	82.1	82.1	6.4	6.4		6.4	15.5		15.5	19		19.0
3-Dec-07	Sunny	Rough	14:38	Surface	1	20.8	20.8	30.4	30.5	83.1	83.1	6.6	6.6	6.6	7.8	7.8	11.5	36	36.0	35.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.8	20.8	30.5	30.5	83.0	83.0	6.6	6.6		6.6	15.1		15.1	35		35.0
5-Dec-07	Sunny	Moderate	15:58	Surface	1	20.4	20.4	33.2	33.2	93.5	92.4	6.9	6.9	6.9	14.8	14.9	15.4	16	16.0	15.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.4	20.4	33.2	33.2	91.8	91.4	6.8	6.8		6.8	14.9		15.8	15		15.0
7-Dec-07	Sunny	Moderate	13:58	Surface	1	20.8	20.8	31.7	31.7	89.2	89.1	6.6	6.6	6.6	4.2	4.2	4.7	28	28.0	29.3	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.7	20.7	31.7	31.7	96.1	95.8	7.1	7.1		7.1	5.2		5.2	31		30.5
10-Dec-07	Sunny	Moderate	08:16	Surface	1	21.3	21.3	32.9	32.9	106.2	105.6	7.3	7.3	7.3	15.1	15.2	15.7	20	20.0	17.8	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	21.5	21.5	32.9	32.9	103.0	102.2	7.1	7.1		7.1	15.2		16.1	15		15.5
12-Dec-07	Sunny	Rough	09:02	Surface	1	20.9	20.9	32.9	33.0	89.0	89.0	7.9	7.9	7.9	8.0	8.0	9.2	20	20.0	23.0	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.7	20.7	32.9	32.9	88.9	88.9	7.9	7.9		7.9	10.3		10.3	26		26.0
14-Dec-07	Sunny	Rough	11:22	Surface	1	21.9	21.9	32.9	33.0	95.3	95.1	6.5	6.5	6.5	6.9	6.9	7.6	22	22.5	24.8	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	21.7	21.7	32.9	32.9	94.0	94.1	6.4	6.4		6.4	8.3		8.3	27		27.0
17-Dec-07	Sunny	Rough	12:34	Surface	1	20.8	20.8	31.5	31.5	86.3	86.2	6.8	6.8	6.8	7.9	7.9	9.1	30	30.0	37.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.7	20.7	31.5	31.5	88.8	88.8	7.8	7.8		7.8	10.2		10.2	45		45.0
19-Dec-07	Sunny	Moderate	13:44	Surface	1	19.7	19.7	32.0	32.0	88.6	88.5	6.6	6.6	6.6	4.2	4.2	4.7	16	16.0	14.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	19.6	19.6	32.0	32.0	95.5	95.2	7.1	7.1		7.1	5.2		5.2	13		13.0
21-Dec-07	Sunny	Moderate	15:12	Surface	1	20.6	20.6	32.3	32.4	70.1	70.9	5.5	5.6	5.6	6.0	6.1	6.5	13	13.0	13.0	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	20.6	20.6	32.5	32.5	77.0	76.8	6.0	6.0		6.0	6.8		6.9	13		13.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR4 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
26-Nov-07	Sunny	Rough	12:45	Surface	1	20.7	20.7	30.4	30.4	88.2	88.2	6.5	6.5	6.5	5.9	6.0	9.5	14	14.0	34.0	
				Middle	6.5	21.0	21.0	30.4	30.4	88.1	88.3	6.5	6.5		6.9	6.7		6.7			
				Bottom	12	20.9	20.9	30.4	30.4	88.4	88.3	6.5	6.5		15.7	15.4		15.6	21		21.0
28-Nov-07	Sunny	Rough	13:22	Surface	1	19.7	19.7	31.4	31.4	78.9	78.8	5.6	5.6	5.4	6.8	6.7	6.6	26	26.0	21.3	
				Middle	6.5	20.0	20.0	31.4	31.4	70.1	70.2	5.1	5.1		7.6	7.2		7.4	20		20.0
				Bottom	12	19.8	19.9	31.4	31.4	67.9	68.0	4.9	4.9		6.1	5.5		5.8	18		18.0
30-Nov-07	Sunny	Rough	08:31	Surface	1	21.0	21.0	30.4	30.4	85.6	85.6	6.6	6.6	6.7	7.0	7.1	10.6	13	13.0	13.8	
				Middle	6.5	20.9	20.9	30.3	30.3	85.5	85.7	6.6	6.7		8.0	7.8		7.9	13		13.0
				Bottom	12	20.9	20.9	30.3	30.3	85.8	85.7	6.6	6.6		16.8	16.5		16.7	15		15.5
3-Dec-07	Sunny	Rough	07:34	Surface	1	20.8	20.8	31.6	31.6	86.7	86.7	6.9	6.9	6.9	6.8	6.9	10.6	47	46.5	30.0	
				Middle	6.5	20.7	20.7	31.6	31.6	86.6	86.8	6.8	6.9		8.5	8.4		8.5	29		28.5
				Bottom	12	20.7	20.7	31.6	31.6	86.9	86.8	6.9	6.9		16.6	16.3		16.5	15		15.0
5-Dec-07	Sunny	Moderate	08:26	Surface	1	20.5	20.5	33.2	33.2	93.7	93.4	7.0	7.0	6.9	7.1	7.2	7.4	14	14.0	15.3	
				Middle	6.5	20.2	20.2	33.1	33.1	90.9	90.8	6.8	6.8		7.7	7.4		7.6	15		15.0
				Bottom	12	20.2	20.2	33.1	33.2	89.8	89.6	6.7	6.7		7.4	7.3		7.4	17		17.0
7-Dec-07	Sunny	Moderate	09:14	Surface	1	20.8	20.8	31.6	31.6	86.5	86.5	6.3	6.3	6.3	3.1	3.1	5.9	20	20.0	21.8	
				Middle	6.5	20.6	20.6	31.6	31.6	86.4	86.5	6.3	6.3		5.2	5.3		5.3	24		24.0
				Bottom	12	20.6	20.6	31.6	31.6	86.4	86.4	6.3	6.3		9.2	9.3		9.3	22		21.5
10-Dec-07	Sunny	Moderate	13:04	Surface	1	22.5	22.5	32.9	33.0	82.9	82.6	6.4	6.4	6.5	7.4	7.5	7.7	23	22.5	17.3	
				Middle	6.5	22.4	22.4	33.0	33.0	85.4	85.3	6.5	6.5		8.0	7.7		7.9	18		18.0
				Bottom	12	22.4	22.4	33.0	33.0	84.4	84.0	6.5	6.5		7.7	7.6		7.7	11		11.5
12-Dec-07	Sunny	Rough	13:48	Surface	1	20.8	20.8	33.2	33.2	88.5	88.5	7.9	7.9	7.9	5.5	5.4	7.8	18	18.0	20.0	
				Middle	6.5	21.0	21.0	33.1	33.1	88.4	88.6	7.9	7.9		7.4	7.5		7.5	24		24.0
				Bottom	12	20.9	20.9	33.1	33.2	88.7	88.4	7.9	7.9		10.5	10.3		10.4	18		18.0
14-Dec-07	Sunny	Rough	15:30	Surface	1	21.8	21.8	33.2	33.2	98.0	97.8	6.7	6.7	6.7	5.3	5.5	7.4	16	16.0	23.7	
				Middle	6.5	22.0	22.0	33.1	33.1	96.9	96.8	6.6	6.6		7.1	7.5		7.3	21		21.0
				Bottom	12	21.9	21.9	33.1	33.2	95.9	95.8	6.5	6.5		9.5	9.3		9.4	34		34.0
17-Dec-07	Sunny	Rough	16:30	Surface	1	20.6	20.6	32.0	32.0	88.4	88.4	7.9	7.9	7.9	5.8	5.8	7.9	21	21.0	30.7	
				Middle	6.5	20.9	20.9	31.9	31.9	88.3	88.5	7.9	7.9		7.3	7.4		7.4	36		36.0
				Bottom	12	20.8	20.8	31.9	32.0	88.6	88.3	7.9	7.8		10.3	10.4		10.4	35		35.0
19-Dec-07	Sunny	Moderate	08:01	Surface	1	19.7	19.7	31.9	31.9	85.9	85.9	6.4	6.4	6.4	3.2	3.2	4.6	7	7.5	10.5	
				Middle	6.5	19.5	19.5	31.9	31.9	85.8	85.9	6.4	6.4		4.3	4.4		4.4	8		8.0
				Bottom	12	19.5	19.5	32.0	32.0	85.8	85.8	6.4	6.4		6.2	6.3		6.3	16		16.0
21-Dec-07	Sunny	Moderate	09:10	Surface	1	19.9	19.9	32.6	32.6	88.4	88.3	7.2	7.2	7.3	9.3	9.5	8.5	19	19.0	26.0	
				Middle	6.5	20.1	20.1	32.5	32.5	91.0	90.9	7.4	7.3		8.2	8.0		8.1	27		27.0
				Bottom	12	19.9	19.9	32.5	32.5	89.3	89.2	7.2	7.2		7.9	7.8		7.9	32		32.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR4 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*		
26-Nov-07	Sunny	Rough	08:43	Surface	1	20.9	20.9	30.2	30.3	85.2	85.2	6.3	6.3	6.3	6.3	6.3	11.6	26	26.0	33.0	
				Middle	7	20.8	20.8	30.3	30.3	85.1	85.2	6.3	6.3		6.3	6.3		8.5	53		53.0
				Bottom	13	20.8	20.8	30.3	30.3	85.1	85.1	6.3	6.3		6.3	20.0		20.0	20		20.0
28-Nov-07	Sunny	Rough	09:44	Surface	1	19.9	19.9	31.3	31.3	81.6	81.8	5.9	5.9	5.6	2.8	2.7	6.2	37	35.5	27.3	
				Middle	7	19.7	19.7	31.3	31.3	77.2	77.2	5.3	5.3		7.3	7.4		17	17.5		
				Bottom	13	19.7	19.7	31.3	31.3	78.3	78.3	5.5	5.5		5.5	8.4		8.5	29		29.0
30-Nov-07	Sunny	Rough	14:47	Surface	1	20.9	20.9	30.3	30.3	82.6	82.6	6.4	6.4	6.4	7.3	7.3	12.7	38	38.0	26.0	
				Middle	7	21.1	21.1	30.4	30.4	82.6	82.6	6.4	6.4		9.4	9.5		21	21.0		
				Bottom	13	21.0	21.0	30.4	30.4	82.5	82.5	6.4	6.4		6.4	21.3		21.0	19		19.0
3-Dec-07	Sunny	Rough	14:07	Surface	1	20.7	20.7	30.4	30.4	83.5	83.5	6.6	6.6	6.6	6.9	6.9	12.3	84	83.0	84.3	
				Middle	7	20.9	20.9	30.5	30.5	83.4	83.5	6.6	6.6		9.0	9.1		86	86.0		
				Bottom	13	20.8	20.8	30.5	30.5	83.4	83.4	6.6	6.6		6.6	20.9		20.8	84		84.0
5-Dec-07	Sunny	Moderate	15:20	Surface	1	20.3	20.3	33.2	33.2	93.2	92.4	6.9	6.9	6.9	9.6	9.6	12.0	25	24.5	18.2	
				Middle	7.5	20.2	20.2	33.2	33.3	91.1	91.0	6.8	6.8		12.0	12.3		15	15.0		
				Bottom	14	20.2	20.2	33.2	33.3	90.5	90.4	6.7	6.7		6.7	13.9		14.1	15		15.0
7-Dec-07	Sunny	Moderate	13:28	Surface	1	20.6	20.6	31.7	31.7	89.5	89.5	6.6	6.6	6.6	2.7	2.8	6.3	15	15.0	15.0	
				Middle	7	20.9	20.9	31.7	31.7	89.4	89.6	6.6	6.6		3.7	3.6		12	12.0		
				Bottom	13	20.7	20.8	31.7	31.7	89.7	89.6	6.6	6.6		6.6	12.5		12.4	18		18.0
10-Dec-07	Sunny	Moderate	07:51	Surface	1	21.7	21.7	32.9	32.9	100.5	100.3	7.0	7.0	7.0	9.8	9.9	12.3	12	12.0	22.2	
				Middle	7.5	21.4	21.4	32.9	32.9	98.1	98.4	6.8	6.9		12.3	12.6		16	16.0		
				Bottom	14	21.4	21.4	32.9	32.9	98.6	95.7	6.6	6.6		6.6	14.2		14.4	39		38.5
12-Dec-07	Sunny	Rough	08:31	Surface	1	20.8	20.8	33.2	33.2	89.4	89.4	7.9	7.9	7.9	6.1	6.1	7.8	22	22.0	21.3	
				Middle	7	20.7	20.7	33.2	33.3	89.3	89.4	7.9	7.9		8.2	8.3		16	16.5		
				Bottom	13	20.7	20.7	33.2	33.3	89.3	89.3	7.9	7.9		7.9	9.1		9.0	25		25.5
14-Dec-07	Sunny	Rough	10:51	Surface	1	21.8	21.8	33.2	33.2	94.0	94.0	6.4	6.4	6.4	5.1	5.1	6.8	35	35.0	32.8	
				Middle	7	21.7	21.7	33.2	33.3	93.9	93.2	6.4	6.4		7.2	7.3		41	41.0		
				Bottom	13	21.7	21.7	33.2	33.3	92.4	92.6	6.3	6.3		6.3	8.1		8.0	22		22.5
17-Dec-07	Sunny	Rough	12:03	Surface	1	20.8	20.8	31.7	31.8	86.6	86.6	6.8	6.8	6.8	6.3	6.3	8.1	28	28.0	34.3	
				Middle	7	20.6	20.6	31.8	31.8	86.5	86.7	6.8	6.8		8.4	8.5		39	39.0		
				Bottom	13	20.6	20.6	31.8	31.8	86.8	86.5	6.8	6.8		6.8	9.4		9.5	36		36.0
19-Dec-07	Sunny	Moderate	13:14	Surface	1	19.5	19.5	32.0	32.0	88.9	88.9	6.6	6.6	6.6	2.7	2.8	4.3	18	17.5	16.5	
				Middle	7	19.8	19.8	32.0	32.0	88.8	89.0	6.6	6.6		3.7	3.6		16	16.0		
				Bottom	13	19.6	19.7	32.0	32.0	89.1	88.8	6.6	6.6		6.6	6.3		6.4	16		16.0
21-Dec-07	Sunny	Moderate	14:42	Surface	1	20.7	20.7	32.5	32.5	83.0	83.1	6.5	6.5	6.5	6.2	6.2	8.8	11	11.0	13.3	
				Middle	7	20.8	20.8	32.5	32.6	82.7	82.7	6.5	6.5		6.9	6.9		9	9.0		
				Bottom	13	20.6	20.6	32.3	32.3	82.7	75.2	5.9	5.9		5.9	13.1		13.4	20		20.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR5 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	12:31	Surface	1	21.1	21.1	30.4	30.4	89.0	89.0	6.6	6.6	6.6	6.1	6.0	7.6	34	34.0	28.5
						21.1		30.4		88.9		6.6			5.9			34		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	21.0	21.0	30.4	30.4	88.8	88.6	6.6	6.6	6.6	9.2	9.1		23	23.0		
						20.9		30.4		88.4		6.5		6.6	9.0		23			
28-Nov-07	Sunny	Rough	13:07	Surface	1	20.1	20.1	31.4	31.4	87.0	87.3	6.3	6.3	6.3	6.4	6.3	6.3	22	22.0	24.3
						20.1		31.4		87.5		6.3			6.2			22		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.0	20.0	31.4	31.4	79.6	79.6	5.7	5.7	5.7	6.2	6.2		27	26.5		
						19.9		31.4		79.5		5.7		6.2	6.2		26			
30-Nov-07	Sunny	Rough	08:17	Surface	1	21.1	21.1	30.4	30.4	86.4	86.4	6.7	6.7	6.7	7.2	7.1	8.7	18	18.0	23.5
						21.1		30.4		86.3		6.7			7.0			18		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.6	20.6	30.4	30.4	86.2	86.0	6.7	6.7	6.7	10.3	10.2		30	29.0		
						20.6		30.3		85.8		6.7		10.1		28				
3-Dec-07	Sunny	Rough	07:21	Surface	1	20.9	20.9	31.6	31.6	87.5	87.5	6.9	6.9	6.9	7.0	6.9	7.0	20	20.0	28.0
						20.9		31.6		87.4		6.9			6.8			20		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.4	20.4	31.6	31.6	87.3	87.1	6.9	6.9	6.9	7.1	7.0		36	36.0		
						20.4		31.6		86.9		6.9		6.9	7.0		36			
5-Dec-07	Sunny	Moderate	08:17	Surface	1	20.4	20.4	33.1	33.2	91.2	91.1	6.8	6.8	6.8	9.2	9.1	8.7	19	18.5	14.0
						20.3		33.2		90.9		6.8			8.9			18		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.2	20.2	33.2	33.2	89.1	89.1	6.6	6.6	6.6	8.1	8.2		9	9.5		
						20.2		33.2		89.0		6.6		8.2		10				
7-Dec-07	Sunny	Moderate	09:00	Surface	1	20.8	20.8	31.6	31.6	86.4	86.5	6.3	6.3	6.3	6.2	6.2	8.0	20	20.0	20.0
						20.8		31.6		86.5		6.3			6.2			20		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.4	20.4	31.7	31.7	86.4	86.5	6.3	6.3	6.3	9.7	9.8		20	20.0		
						20.4		31.7		86.5		6.3		9.8		20				
10-Dec-07	Sunny	Moderate	12:52	Surface	1	22.5	22.5	33.0	33.0	87.2	87.2	6.7	6.7	6.7	9.5	9.4	9.0	13	13.0	14.3
						22.5		33.0		87.2		6.7			9.2			13		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	22.5	22.5	33.0	33.0	86.0	85.7	6.6	6.6	6.6	8.4	8.5		15	15.5		
						22.5		33.0		85.3		6.6		8.5		16				
12-Dec-07	Sunny	Rough	13:34	Surface	1	21.2	21.2	33.1	33.2	89.3	89.3	7.9	7.9	7.9	5.9	6.0	6.4	19	18.5	15.3
						21.2		33.2		89.2		7.9			6.1			18		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	21.0	21.0	33.2	33.2	89.1	88.9	7.9	7.9	7.9	6.8	6.7		12	12.0		
						21.0		33.2		88.7		7.9		6.6		12				
14-Dec-07	Sunny	Rough	15:18	Surface	1	22.2	22.2	33.1	33.2	99.3	99.3	6.7	6.7	6.7	5.2	5.2	5.9	24	23.0	23.0
						22.2		33.2		99.3		6.7			5.1			22		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	22.0	22.0	33.2	33.2	96.5	95.7	6.5	6.5	6.5	6.7	6.6		23	23.0		
						22.0		33.2		94.9		6.4		6.5		23				
17-Dec-07	Sunny	Rough	16:17	Surface	1	20.5	20.5	31.9	32.0	89.2	89.2	7.9	7.9	7.9	5.8	5.9	6.3	36	36.0	35.5
						20.5		32.0		89.1		7.9			6.0			36		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	20.5	20.5	32.0	32.0	89.0	88.8	7.9	7.9	7.9	6.7	6.6		35	35.0		
						20.5		32.0		88.6		7.9		6.5		35				
19-Dec-07	Sunny	Moderate	07:46	Surface	1	19.7	19.7	31.9	31.9	85.8	85.9	6.4	6.4	6.4	6.2	6.2	7.2	24	24.0	18.0
						19.7		31.9		85.9		6.4			6.2			24		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	19.3	19.3	32.0	32.0	85.8	85.9	6.4	6.4	6.4	8.1	8.2		12	12.0		
						19.3		32.0		85.9		6.4		8.2		12				
21-Dec-07	Sunny	Moderate	08:55	Surface	1	19.9	19.9	32.5	32.5	91.9	91.7	7.5	7.5	7.5	9.2	9.2	8.6	18	18.0	17.5
						19.9		32.5		91.5		7.4			9.2			18		
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
			Bottom	4	19.9	19.9	32.6	32.6	89.2	89.1	7.2	7.2	7.2	8.0	8.0		17	17.0		
						19.9		32.6		89.0		7.2		8.0		17				

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR5 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
26-Nov-07	Sunny	Rough	08:28	Surface	1	20.9	20.9	30.2	30.2	85.1	85.2	6.3	6.3	6.3	9.4	9.4	11.2	26	26.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.5	20.5	30.4	30.4	85.1	85.2	6.3	6.3		6.3	12.9		13.0	13.0		10	10.0	
28-Nov-07	Sunny	Rough	09:30	Surface	1	19.9	19.9	31.3	31.3	76.7	76.8	5.3	5.3	5.3	14.6	15.0	11.8	23	23.0	21.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	19.5	19.5	31.4	31.4	78.9	78.9	5.5	5.5		5.5	8.5		8.5	8.5		19	19.5	
30-Nov-07	Sunny	Rough	14:33	Surface	1	21.2	21.3	30.3	30.3	82.5	82.6	6.4	6.4	6.4	10.4	10.4	12.2	22	22.0	28.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	21.1	21.1	30.4	30.4	82.5	82.6	6.4	6.4		6.4	13.9		14.0	14.0		34	34.0	
3-Dec-07	Sunny	Rough	13:53	Surface	1	21.0	21.1	30.4	30.4	83.4	83.5	6.6	6.6	6.6	10.0	10.0	11.8	22	22.0	20.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.9	20.9	30.5	30.5	83.4	83.5	6.6	6.6		6.6	13.5		13.6	13.6		19	19.5	
5-Dec-07	Sunny	Moderate	15:08	Surface	1	20.3	20.3	33.2	33.2	91.8	91.2	6.8	6.8	6.8	9.4	9.7	9.8	17	16.5	24.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.3	20.3	33.2	33.2	90.2	90.1	6.7	6.7		6.7	9.7		9.8	9.8		31	31.5	
7-Dec-07	Sunny	Moderate	13:13	Surface	1	21.0	21.0	31.7	31.7	90.3	90.2	6.6	6.6	6.6	2.9	2.8	4.4	19	19.0	20.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.9	20.9	31.7	31.7	90.1	89.7	6.6	6.6		6.6	5.9		5.9	5.9		21	21.0	
10-Dec-07	Sunny	Moderate	07:42	Surface	1	21.6	21.6	32.9	32.9	104.8	105.7	7.3	7.3	7.3	9.7	10.0	10.1	14	14.0	16.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	21.4	21.4	32.9	33.0	108.5	106.5	7.5	7.5		7.5	10.0		10.1	10.1		18	18.0	
12-Dec-07	Sunny	Rough	08:17	Surface	1	20.9	20.9	33.2	33.2	89.3	89.4	7.9	7.9	7.9	7.2	7.2	7.9	25	25.0	31.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.4	20.4	33.2	33.2	89.3	89.4	7.9	7.9		7.9	8.7		8.5	8.5		38	37.0	
14-Dec-07	Sunny	Rough	10:37	Surface	1	21.9	21.9	33.2	33.2	97.2	95.7	6.7	6.6	6.6	7.0	7.1	7.9	28	28.0	31.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	21.4	21.4	33.2	33.2	91.7	91.6	6.3	6.3		6.3	8.5		8.6	8.6		34	34.0	
17-Dec-07	Sunny	Rough	11:49	Surface	1	20.8	20.8	31.8	31.8	87.4	87.3	6.9	6.9	6.9	7.1	7.1	7.8	36	36.0	35.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.4	20.4	31.8	31.8	87.2	86.8	6.9	6.9		6.9	8.6		8.4	8.4		35	35.5	
19-Dec-07	Sunny	Moderate	13:00	Surface	1	19.9	19.9	32.0	32.0	89.7	89.6	6.7	6.7	6.7	2.9	2.8	3.0	13	13.5	20.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	19.8	19.8	32.0	32.0	89.5	89.1	6.7	6.7		6.7	3.0		3.1	3.1		27	27.0	
21-Dec-07	Sunny	Moderate	14:28	Surface	1	20.8	20.8	32.7	32.7	88.9	88.6	7.0	7.0	7.0	7.0	7.1	15.8	18	18.0	14.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	20.4	20.4	32.3	32.3	81.3	81.6	6.4	6.4		6.4	24.0		24.4	24.4		11	11.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.



**Water Quality Monitoring Results at SR6 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	14:19	Surface	1	21.0	21.0	30.3	30.3	90.2	90.1	6.7	6.7	6.7	9.8	9.4	9.6	19	19.0	21.0
					21.0	21.0	30.3	30.3	89.9	89.9	6.6	6.6	8.9		8.6	19		19.0		
				Middle	8	20.8	20.8	30.4	30.4	89.4	89.5	6.6	6.6	6.6	6.6	8.8		8.6	31	
28-Nov-07	Sunny	Rough	14:56	Surface	1	20.0	20.0	31.3	31.4	74.9	74.8	5.4	5.4	5.1	7.8	7.5	7.0	20	20.0	16.2
					20.0	20.0	31.4	31.4	74.6	74.6	5.4	5.4	7.2		7.5	20		20.0		
				Middle	8	19.8	19.8	31.4	31.4	65.3	65.6	4.6	4.7	4.7	4.7	6.8		6.6	15	
30-Nov-07	Sunny	Rough	10:06	Surface	1	21.1	21.1	30.3	30.3	87.6	87.5	6.8	6.8	6.8	9.9	10.0	10.4	23	23.0	16.0
					21.1	21.1	30.3	30.3	87.3	87.3	6.8	6.8	10.0		10.0	23		23.0		
				Middle	8	21.0	21.0	30.3	30.3	86.8	87.0	6.7	6.7	6.7	6.7	9.9		9.7	19	
3-Dec-07	Sunny	Rough	09:09	Surface	1	20.9	20.9	31.5	31.5	88.7	88.6	7.0	7.0	7.0	9.7	9.8	10.4	26	26.0	29.7
					20.9	20.9	31.5	31.5	88.4	88.4	7.0	7.0	9.8		9.8	26		26.0		
				Middle	8	20.8	20.8	31.6	31.6	87.9	88.0	6.9	7.0	7.0	7.0	9.7		9.5	28	
5-Dec-07	Sunny	Moderate	09:38	Surface	1	20.0	20.0	32.9	32.9	93.2	93.0	7.0	7.0	6.9	7.2	7.3	7.8	19	18.5	13.8
					20.0	20.0	32.9	32.9	92.7	92.7	6.9	6.9	7.4		7.3	18		18.5		
				Middle	7.5	20.0	20.0	32.9	32.9	91.0	91.0	6.8	6.8	6.8	6.8	7.7		7.7	13	
7-Dec-07	Sunny	Moderate	10:48	Surface	1	20.8	20.9	31.7	31.7	85.2	85.1	6.2	6.2	6.2	3.1	3.1	6.7	6	6.5	20.2
					20.9	20.9	31.7	31.7	85.1	85.1	6.2	6.2	3.1		3.1	7		6.5		
				Middle	8	20.7	20.7	31.7	31.7	85.0	85.0	6.2	6.2	6.2	6.2	3.8		3.9	26	
10-Dec-07	Sunny	Moderate	14:23	Surface	1	22.4	22.4	32.9	32.9	91.2	90.7	6.5	6.5	7.2	7.5	7.6	8.1	18	18.0	16.0
					22.4	22.4	32.9	32.9	90.1	90.1	6.5	6.5	7.7		7.6	18		18.0		
				Middle	7.5	22.4	22.4	32.9	32.9	107.9	108.3	7.8	7.8	7.8	7.8	7.9		8.0	12	
12-Dec-07	Sunny	Rough	15:27	Surface	1	21.0	21.0	33.0	33.0	90.5	90.4	8.0	8.0	8.0	9.6	9.7	9.4	11	11.5	17.2
					21.0	21.0	33.0	33.0	90.2	90.2	8.0	8.0	9.7		9.7	12		11.5		
				Middle	8	20.9	20.9	32.9	32.9	89.7	89.8	8.0	8.0	8.0	8.0	9.1		9.2	21	
14-Dec-07	Sunny	Rough	16:53	Surface	1	22.0	22.0	33.0	33.0	101.8	101.6	6.9	6.9	6.8	9.2	9.3	9.5	13	13.0	19.3
					22.0	22.0	33.0	33.0	101.4	101.4	6.9	6.9	9.4		9.3	13		13.0		
				Middle	8	21.9	21.9	32.9	32.9	98.7	97.8	6.7	6.7	6.7	6.7	9.8		9.8	16	
17-Dec-07	Sunny	Rough	17:58	Surface	1	20.9	20.9	31.8	31.8	90.4	90.3	8.0	8.0	8.0	9.5	9.6	9.4	36	36.0	31.0
					20.9	20.9	31.8	31.8	90.1	90.1	8.0	8.0	9.6		9.6	36		36.0		
				Middle	8	20.7	20.7	31.7	31.7	89.6	89.7	7.9	8.0	8.0	8.0	9.0		9.1	36	
19-Dec-07	Sunny	Moderate	09:35	Surface	1	19.7	19.8	32.0	32.0	84.6	84.6	6.3	6.3	6.3	3.1	3.1	4.5	24	24.0	21.0
					19.8	19.8	32.0	32.0	84.5	84.5	6.3	6.3	3.1		3.1	24		24.0		
				Middle	8	19.6	19.6	32.0	32.0	84.5	84.5	6.3	6.3	6.3	6.3	3.8		3.9	21	
21-Dec-07	Sunny	Moderate	10:44	Surface	1	20.6	20.7	32.5	32.5	99.2	99.2	7.9	7.7	7.5	8.4	8.5	8.6	12	12.0	15.7
					20.7	20.7	32.5	32.5	93.7	93.7	7.5	7.5	8.5		8.5	12		12.0		
				Middle	8	19.8	19.8	32.5	32.5	89.8	89.5	7.3	7.3	7.3	7.3	8.1		8.1	24	
21-Dec-07	Sunny	Moderate	10:44	Surface	1	19.8	19.8	32.5	32.5	89.2	89.2	7.2	7.1	7.1	8.1	8.1	8.6	24	24.0	15.7
					19.8	19.8	32.5	32.5	87.3	87.3	7.1	7.1	8.1		8.1	24		24.0		
				Middle	8	19.8	19.8	32.5	32.5	87.0	87.0	7.1	7.1	7.1	7.1	8.5		9.1	11	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR6 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
26-Nov-07	Sunny	Rough	10:17	Surface	1	21.0	21.0	30.3	30.3	83.9	83.9	6.2	6.2	6.2	6.3	6.3	12.6	36	35.5	26.0	
				Middle	8	20.8	20.8	30.3	30.4	83.8	83.8	6.2	6.2		6.3	6.3		17	16.5		
				Bottom	15	20.8	20.8	30.4	30.4	83.6	83.4	6.2	6.2		6.2	24.0		24.4	26		26.0
28-Nov-07	Sunny	Rough	11:18	Surface	1	19.9	20.0	31.4	31.4	80.0	79.8	5.6	5.6	5.6	11.3	11.5	7.4	20	20.0	29.3	
				Middle	8	19.8	19.8	31.4	31.4	79.0	79.1	5.5	5.6		8.0	8.0		29	29.0		
				Bottom	15	19.8	19.8	31.4	31.4	80.1	80.1	5.7	5.7		5.7	2.7		2.7	40		39.0
30-Nov-07	Sunny	Rough	16:21	Surface	1	21.1	21.1	30.3	30.3	81.3	81.2	6.3	6.3	6.3	7.0	7.1	11.2	24	24.0	23.2	
				Middle	8	21.0	21.0	30.3	30.3	81.2	81.1	6.3	6.3		8.0	8.1		24	24.0		
				Bottom	15	20.9	20.9	30.3	30.3	81.0	80.8	6.3	6.3		6.3	18.1		18.5	21		21.5
3-Dec-07	Sunny	Rough	15:41	Surface	1	20.9	20.9	30.4	30.4	82.2	82.1	6.5	6.5	6.5	6.6	6.7	10.8	35	35.0	26.3	
				Middle	8	20.8	20.8	30.4	30.4	82.1	82.0	6.5	6.5		7.6	7.7		32	32.0		
				Bottom	15	20.7	20.7	30.4	30.4	81.9	81.7	6.5	6.5		6.5	17.7		18.1	12		12.0
5-Dec-07	Sunny	Moderate	17:01	Surface	1	20.0	20.0	32.9	32.9	92.6	91.2	6.9	6.9	6.9	9.8	9.9	12.6	17	17.0	19.5	
				Middle	7.5	20.0	20.0	32.9	32.9	90.3	90.9	6.8	6.8		6.8	12.4		12.4	31		31.5
				Bottom	14	20.0	20.0	33.0	33.0	90.0	90.3	6.7	6.8		6.8	16.2		15.6	10		10.0
7-Dec-07	Sunny	Moderate	15:02	Surface	1	20.9	20.9	31.6	31.7	91.5	91.2	6.7	6.7	6.7	6.6	6.2	6.5	19	19.0	17.7	
				Middle	8	20.7	20.7	31.7	31.7	90.7	90.9	6.7	6.7		5.6	5.4		14	14.0		
				Bottom	15	20.7	20.7	31.7	31.7	90.9	90.6	6.7	6.7		6.7	7.9		7.9	20		20.0
10-Dec-07	Sunny	Moderate	09:13	Surface	1	21.2	21.2	32.8	32.8	106.2	109.7	7.3	7.5	7.5	9.3	9.4	12.8	18	18.0	22.7	
				Middle	7.5	21.3	21.3	32.6	32.6	110.7	103.6	7.6	7.4		13.1	13.1		24	24.0		
				Bottom	14	21.3	21.3	32.6	32.7	96.9	94.1	6.7	6.6		6.6	16.5		15.9	26		26.0
12-Dec-07	Sunny	Rough	10:06	Surface	1	20.9	20.9	33.2	33.2	88.1	88.0	7.8	7.8	7.8	6.8	6.9	9.0	14	14.0	22.0	
				Middle	8	20.7	20.7	33.1	33.2	88.0	87.9	7.8	7.8		8.0	8.1		20	21.0		
				Bottom	15	20.7	20.7	32.9	32.9	87.8	87.6	7.8	7.8		7.8	11.9		12.0	31		31.0
14-Dec-07	Sunny	Rough	12:26	Surface	1	21.9	21.9	33.2	33.2	91.2	91.0	6.2	6.2	6.2	8.8	8.4	9.5	26	26.0	29.0	
				Middle	8	21.7	21.7	33.1	33.2	90.6	89.7	6.2	6.2		8.0	8.1		32	31.0		
				Bottom	15	21.7	21.7	32.9	32.9	89.7	89.2	6.1	6.1		6.1	11.9		12.0	30		30.0
17-Dec-07	Sunny	Rough	13:38	Surface	1	20.8	20.9	31.7	31.7	88.0	87.9	7.8	7.8	7.8	6.7	6.8	8.9	24	25.0	33.0	
				Middle	8	20.7	20.7	31.7	31.7	87.9	87.8	7.8	7.8		7.9	8.0		36	36.0		
				Bottom	15	20.7	20.7	31.5	31.5	87.7	87.5	7.8	7.8		7.8	11.8		11.9	38		38.0
19-Dec-07	Sunny	Moderate	14:48	Surface	1	19.8	19.8	32.0	32.0	90.9	90.6	6.8	6.8	6.8	7.8	7.4	7.3	17	17.0	19.7	
				Middle	8	19.6	19.6	32.0	32.0	90.1	90.3	6.7	6.7		6.8	6.6		17	17.0		
				Bottom	15	19.6	19.6	32.0	32.0	90.3	90.0	6.7	6.7		6.7	7.9		8.0	25		25.0
21-Dec-07	Sunny	Moderate	16:16	Surface	1	21.6	21.6	32.9	32.9	66.4	65.7	5.1	5.1	6.3	7.6	7.7	13.1	15	14.5	18.8	
				Middle	8	21.5	21.5	32.7	32.7	95.4	95.8	7.4	7.4		15.7	15.6		13	13.0		
				Bottom	15	21.5	21.5	32.9	32.9	97.0	96.7	7.5	7.5		7.5	15.9		16.0	30		29.0

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR7 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	14:51	Surface	1	21.1	21.1	30.3	30.4	87.0	87.2	6.4	6.4	6.4	5.6	5.4	6.6	49	48.5	29.5
				Middle	4.5	20.9	20.9	30.3	30.3	87.1	87.1	6.4	6.4		5.4	5.4		16	16.0	
				Bottom	8	20.8	20.8	30.4	30.4	87.1	87.1	6.4	6.4		8.9	8.9		24	24.0	
28-Nov-07	Sunny	Rough	15:27	Surface	1	20.1	20.1	31.4	31.4	85.5	85.6	6.2	6.2	6.0	6.8	6.9	7.0	41	40.5	33.8
				Middle	4.5	19.9	19.9	31.3	31.4	80.2	80.4	5.7	5.7		6.8	6.6		25	25.5	
				Bottom	8	19.8	19.8	31.4	31.4	77.8	77.7	5.5	5.5		7.8	7.2		35	35.5	
30-Nov-07	Sunny	Rough	10:38	Surface	1	20.9	20.9	30.3	30.3	84.4	84.6	6.5	6.6	6.6	6.7	6.5	7.7	31	30.5	22.2
				Middle	4.5	20.9	20.9	30.3	30.3	84.5	84.5	6.6	6.6		6.5	6.5		21	21.0	
				Bottom	8	20.9	20.9	30.3	30.3	84.5	84.5	6.5	6.5		10.0	10.0		15	15.0	
3-Dec-07	Sunny	Rough	09:41	Surface	1	20.7	20.7	31.5	31.6	85.5	85.7	6.8	6.8	6.8	6.7	6.7	7.5	31	31.0	23.0
				Middle	4.5	20.7	20.7	31.5	31.5	85.6	85.6	6.8	6.8		6.3	6.3		16	16.0	
				Bottom	8	20.7	20.7	31.6	31.6	85.6	85.6	6.8	6.8		9.6	9.6		22	22.0	
5-Dec-07	Sunny	Moderate	10:16	Surface	1	19.9	19.9	32.7	32.7	92.6	92.6	7.0	7.0	7.0	8.5	8.5	8.7	14	14.0	16.0
				Middle	3.5	19.9	19.9	32.8	32.8	92.3	92.1	6.9	6.9		8.7	8.8		14	14.0	
				Bottom	6	19.9	19.9	32.9	32.9	91.0	90.9	6.8	6.8		8.8	8.9		20	20.0	
7-Dec-07	Sunny	Moderate	11:20	Surface	1	20.7	20.7	31.6	31.6	84.5	84.5	6.2	6.2	6.2	7.3	7.3	9.3	15	15.0	16.0
				Middle	4.5	20.7	20.7	31.7	31.7	83.8	83.9	6.1	6.1		7.6	7.6		15	15.0	
				Bottom	8	20.7	20.7	31.7	31.7	83.8	83.9	6.1	6.1		12.8	12.9		18	18.0	
10-Dec-07	Sunny	Moderate	15:29	Surface	1	22.1	22.1	32.7	32.7	96.1	96.1	6.9	6.9	6.8	8.8	8.8	9.0	27	26.5	22.2
				Middle	3	22.1	22.1	32.7	32.7	92.2	91.6	6.6	6.6		9.0	9.1		14	14.0	
				Bottom	5	22.1	22.1	32.7	32.7	103.0	104.8	7.3	7.5		9.1	9.2		26	26.0	
12-Dec-07	Sunny	Rough	16:11	Surface	1	21.1	21.1	32.7	32.7	87.3	87.5	7.8	7.8	7.8	6.4	6.2	7.4	23	23.0	25.3
				Middle	4.5	21.0	21.0	32.8	32.8	87.4	87.4	7.8	7.8		6.2	6.2		24	24.0	
				Bottom	8	20.9	20.9	32.9	32.9	87.4	87.4	7.8	7.8		9.7	9.7		30	29.0	
14-Dec-07	Sunny	Rough	17:21	Surface	1	22.1	22.1	32.7	32.7	107.8	107.9	7.3	7.3	7.3	7.4	7.3	7.7	20	20.0	17.8
				Middle	4.5	22.0	22.0	32.8	32.8	108.4	108.4	7.3	7.3		7.2	7.2		14	14.5	
				Bottom	8	21.9	21.9	32.9	32.9	108.8	108.9	7.3	7.4		8.7	8.7		19	19.0	
17-Dec-07	Sunny	Rough	18:39	Surface	1	21.0	21.0	31.5	31.5	87.2	87.4	7.8	7.8	7.8	6.3	6.1	7.3	30	30.0	35.7
				Middle	4.5	20.8	20.8	31.6	31.6	87.3	87.3	7.8	7.8		6.1	6.1		41	41.0	
				Bottom	8	20.7	20.7	31.7	31.7	87.3	87.3	7.8	7.8		9.6	9.6		36	36.0	
19-Dec-07	Sunny	Moderate	10:07	Surface	1	19.6	19.6	31.9	31.9	83.9	83.9	6.2	6.2	6.2	6.1	6.2	7.6	28	28.0	20.0
				Middle	4.5	19.6	19.6	32.0	32.0	83.2	83.3	6.2	6.2		7.6	7.6		12	12.0	
				Bottom	8	19.6	19.6	32.0	32.0	83.2	83.3	6.2	6.2		8.9	9.0		20	20.0	
21-Dec-07	Sunny	Moderate	11:15	Surface	1	20.3	20.3	32.6	32.6	93.7	92.8	7.5	7.5	7.4	7.8	7.8	8.6	18	18.0	15.7
				Middle	4.5	20.2	20.2	32.7	32.7	91.8	88.7	7.2	7.2		8.0	8.0		19	19.0	
				Bottom	8	20.2	20.2	32.7	32.8	88.4	83.7	7.1	6.8		8.0	10.4		10	10.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR7 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	10:49	Surface	1	20.8 20.8	20.8	30.3 30.3	30.3	83.2 83.2	83.2	6.1 6.1	6.1	6.1	10.5 10.5	10.5	12.5	12 12	12.0	18.3
				Middle	4.5	20.8 20.8	20.8	30.4 30.4	30.4	82.5 82.6	82.6	6.1 6.1	6.1		10.8 10.8	10.8		27 27	27.0	
				Bottom	8	20.8 20.8	20.8	30.4 30.4	30.4	82.5 82.6	82.6	6.1 6.1	6.1		16.0 16.1	16.1		16 16	16.0	
28-Nov-07	Sunny	Rough	11:50	Surface	1	19.8 19.8	19.8	31.3 31.3	31.3	73.6 73.6	73.6	5.1 5.1	5.1	5.2	15.1 14.5	14.8	11.5	32 32	32.0	33.5
				Middle	4.5	19.8 19.8	19.8	31.4 31.4	31.4	74.8 74.9	74.9	5.2 5.2	5.2		13.5 13.4	13.5		43 40	41.5	
				Bottom	8	19.8 19.8	19.8	31.4 31.4	31.4	80.9 81.0	81.0	5.8 5.8	5.8		6.2 6.2	6.2		27 27	27.0	
30-Nov-07	Sunny	Rough	16:53	Surface	1	21.2 21.2	21.2	30.3 30.3	30.3	80.6 80.6	80.6	6.2 6.2	6.2	6.2	11.5 11.5	11.5	13.5	12 12	12.0	20.8
				Middle	4.5	21.1 21.0	21.1	30.3 30.3	30.3	79.9 80.0	80.0	6.2 6.2	6.2		11.8 11.8	11.8		29 28	28.5	
				Bottom	8	20.9 20.9	20.9	30.3 30.3	30.3	79.9 80.0	80.0	6.2 6.2	6.2		17.0 17.1	17.1		22 22	22.0	
3-Dec-07	Sunny	Rough	16:13	Surface	1	21.0 21.0	21.0	30.4 30.4	30.4	81.5 81.5	81.5	6.5 6.5	6.5	6.5	11.1 11.1	11.1	13.1	33 32	32.5	19.8
				Middle	4.5	20.9 20.8	20.9	30.4 30.4	30.4	80.8 80.9	80.9	6.4 6.4	6.4		11.4 11.4	11.4		15 16	15.5	
				Bottom	8	20.7 20.7	20.7	30.4 30.4	30.4	80.8 80.9	80.9	6.4 6.4	6.4		16.6 16.7	16.7		11 12	11.5	
5-Dec-07	Sunny	Moderate	17:46	Surface	1	19.7 19.6	19.7	33.0 33.0	33.0	94.5 95.8	95.2	7.1 7.2	7.2	7.2	12.3 12.8	12.6	13.3	19 18	18.5	27.2
				Middle	5	19.7 19.7	19.7	33.0 33.0	33.0	95.4 95.9	95.7	7.2 7.2	7.2		12.7 12.9	12.8		13 13	13.0	
				Bottom	9	19.7 19.7	19.7	33.0 33.0	33.0	95.5 95.8	95.7	7.2 7.2	7.2		14.5 14.6	14.6		50 50	50.0	
7-Dec-07	Sunny	Moderate	15:33	Surface	1	21.0 21.0	21.0	31.7 31.7	31.7	88.3 88.6	88.5	6.5 6.5	6.5	6.5	2.4 2.0	2.2	3.4	18 18	18.0	11.8
				Middle	4.5	20.8 20.8	20.8	31.6 31.7	31.7	88.4 88.4	88.4	6.5 6.5	6.5		2.2 2.2	2.2		6 7	6.5	
				Bottom	8	20.7 20.7	20.7	31.7 31.7	31.7	88.4 88.3	88.4	6.5 6.5	6.5		5.7 5.7	5.7		11 11	11.0	
10-Dec-07	Sunny	Moderate	09:41	Surface	1	21.1 21.1	21.1	32.4 32.4	32.4	94.0 94.1	94.1	7.2 7.2	7.2	7.2	12.6 13.1	12.9	13.6	21 21	21.0	22.3
				Middle	5	21.1 21.1	21.1	32.6 32.6	32.6	92.1 91.6	91.9	7.1 7.1	7.1		13.0 13.2	13.1		25 25	25.0	
				Bottom	9	21.1 21.1	21.1	32.6 32.6	32.6	88.7 87.1	87.9	6.8 6.7	6.8		14.8 14.9	14.9		21 21	21.0	
12-Dec-07	Sunny	Rough	10:38	Surface	1	20.7 20.7	20.7	33.0 33.0	33.0	87.4 87.4	87.4	7.8 7.8	7.8	7.8	8.5 8.9	8.7	10.4	26 26	26.0	19.0
				Middle	4.5	20.7 20.7	20.7	33.0 33.0	33.0	86.7 86.8	86.8	7.7 7.7	7.7		10.6 10.6	10.6		18 18	18.0	
				Bottom	8	20.7 20.7	20.7	33.0 33.0	33.0	86.7 86.8	86.8	7.7 7.7	7.7		11.8 11.9	11.9		13 13	13.0	
14-Dec-07	Sunny	Rough	12:54	Surface	1	21.7 21.7	21.7	33.0 33.0	33.0	93.4 92.3	92.9	6.3 6.3	6.3	6.3	8.7 8.6	8.7	10.2	35 35	35.0	32.7
				Middle	4.5	21.7 21.7	21.7	33.0 33.0	33.0	92.4 91.9	92.2	6.3 6.3	6.3		10.2 10.4	10.3		38 38	38.0	
				Bottom	8	21.7 21.7	21.7	33.0 33.0	33.0	90.9 90.9	90.9	6.2 6.2	6.2		11.7 11.4	11.6		25 25	25.0	
17-Dec-07	Sunny	Rough	14:09	Surface	1	20.7 20.7	20.7	31.6 31.6	31.6	87.3 87.3	87.3	7.7 7.7	7.7	7.7	8.4 8.8	8.6	9.6	32 32	32.0	37.8
				Middle	4.5	20.7 20.7	20.7	31.6 31.6	31.6	86.6 86.7	86.7	7.7 7.7	7.7		8.8 8.8	8.8		36 35	35.5	
				Bottom	8	20.7 20.7	20.7	31.6 31.6	31.6	86.6 86.7	86.7	7.7 7.7	7.7		11.4 11.5	11.5		46 46	46.0	
19-Dec-07	Sunny	Moderate	15:20	Surface	1	19.9 19.9	19.9	32.0 32.0	32.0	87.7 88.0	87.9	6.5 6.5	6.5	6.5	3.6 3.2	3.4	4.6	23 23	23.0	23.7
				Middle	4.5	19.7 19.7	19.7	32.0 32.0	32.0	87.8 87.8	87.8	6.5 6.5	6.5		3.4 3.4	3.4		28 28	28.0	
				Bottom	8	19.6 19.6	19.6	32.0 32.0	32.0	87.8 87.7	87.8	6.5 6.5	6.5		6.9 6.9	6.9		20 20	20.0	
21-Dec-07	Sunny	Moderate	16:48	Surface	1	21.5 21.5	21.5	33.0 33.0	33.0	88.7 87.1	87.9	6.8 6.7	6.8	6.9	7.4 7.4	7.4	7.6	19 19	19.0	14.3
				Middle	4.5	21.4 21.3	21.4	32.6 32.6	32.6	90.6 90.9	90.8	7.0 7.0	7.0		8.4 8.3	8.4		10 10	10.0	
				Bottom	8	21.5 21.5	21.5	32.8 32.8	32.8	90.2 89.6	89.9	7.0 6.9	7.0		6.8 6.9	6.9		14 14	14.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR8 - Mid-Ebb Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	15:11	Surface	1	21.1 21.1	21.1	30.4 30.4	30.4	87.0 82.5	84.8	6.4 6.1	6.3	6.2	5.4 5.3	5.4	6.3	15 44	15.0	27.7
				Middle	4	21.0 21.0	21.0	30.3 30.4	30.4	82.6 82.5	82.6	6.1 6.1	6.1	6.1	5.4 5.6	5.5		24 24	24.0	
				Bottom	7	20.8 20.8	20.8	30.4 30.4	30.4	82.6 82.5	82.6	6.1 6.1	6.1	6.1	7.8 8.2	8.0		24 24	24.0	
28-Nov-07	Sunny	Rough	15:47	Surface	1	20.1 20.1	20.1	31.4 31.4	31.4	87.6 87.7	87.7	6.3 6.3	6.3	5.9	8.4 8.3	8.4	9.3	16 16	16.0	23.8
				Middle	4	20.0 20.0	20.0	31.4 31.4	31.4	77.2 77.2	77.2	5.5 5.5	5.5	5.5	8.4 8.6	8.5		27 27	27.0	
				Bottom	7	19.8 19.8	19.8	31.4 31.4	31.4	78.8 77.3	78.1	5.6 5.5	5.6	5.6	10.8 11.2	11.0		29 28	28.5	
30-Nov-07	Sunny	Rough	11:00	Surface	1	21.0 21.0	21.0	30.3 30.3	30.3	84.4 79.9	82.2	6.5 6.2	6.4	6.3	6.5 6.4	6.5	7.4	29 28	28.5	26.8
				Middle	4	20.9 21.0	21.0	30.3 30.3	30.3	80.0 79.9	80.0	6.2 6.2	6.2	6.2	6.5 6.7	6.6		26 26	26.0	
				Bottom	7	20.9 20.9	20.9	30.3 30.3	30.3	80.0 79.9	80.0	6.2 6.2	6.2	6.2	8.9 9.3	9.1		26 26	26.0	
3-Dec-07	Sunny	Rough	10:04	Surface	1	20.8 20.8	20.8	31.6 31.6	31.6	85.5 81.0	83.3	6.7 6.4	6.6	6.5	6.3 6.2	6.3	8.8	11 11	11.0	18.3
				Middle	4	20.7 20.8	20.8	31.5 31.6	31.6	81.1 81.0	81.1	6.4 6.4	6.4	6.4	7.3 7.5	7.4		14 14	14.0	
				Bottom	7	20.7 20.7	20.7	31.6 30.3	31.0	81.1 81.0	81.1	6.4 6.4	6.4	6.4	12.7 12.9	12.8		30 30	30.0	
5-Dec-07	Sunny	Moderate	10:33	Surface	1	19.9 19.8	19.9	32.9 32.9	32.9	95.1 95.0	95.1	7.1 7.1	7.1	7.1	8.8 8.9	8.9	9.2	42 40	41.0	30.2
				Middle	4	19.7 19.7	19.7	32.9 32.9	32.9	94.6 94.5	94.6	7.1 7.1	7.1	7.1	9.2 9.4	9.3		19 19	19.0	
				Bottom	7	19.6 19.6	19.6	33.0 33.0	33.0	94.5 94.6	94.6	7.1 7.1	7.1	7.1	9.3 9.3	9.3		31 30	30.5	
7-Dec-07	Sunny	Moderate	11:40	Surface	1	20.8 20.8	20.8	31.7 31.7	31.7	83.8 83.7	83.8	6.1 6.1	6.1	6.1	3.6 3.7	3.7	7.9	26 26	26.0	23.0
				Middle	4	20.7 20.7	20.7	31.7 31.7	31.7	83.6 83.5	83.6	6.1 6.1	6.1	6.1	5.2 5.2	5.2		22 22	22.0	
				Bottom	7	20.7 20.7	20.7	31.7 31.7	31.7	83.4 83.3	83.4	6.1 6.1	6.1	6.1	14.6 14.7	14.7		21 21	21.0	
10-Dec-07	Sunny	Moderate	15:52	Surface	1	21.9 22.2	22.1	33.1 32.8	33.0	107.5 100.4	104.0	7.6 7.2	7.4	7.0	9.1 9.2	9.2	9.5	18 18	18.0	21.5
				Middle	4	22.2 22.2	22.2	32.9 32.8	32.9	93.7 90.9	92.3	6.7 6.5	6.6	6.6	9.7 9.7	9.6		18 18	18.0	
				Bottom	7	22.2 22.2	22.2	32.8 32.8	32.8	92.2 92.6	92.4	7.4 7.4	7.4	7.4	9.6 9.6	9.6		29 28	28.5	
12-Dec-07	Sunny	Rough	16:33	Surface	1	21.1 21.2	21.2	32.9 32.9	32.9	87.3 82.8	85.1	7.8 7.4	7.6	7.5	6.2 6.1	6.2	7.1	21 21	21.0	19.0
				Middle	4	21.1 21.0	21.1	32.9 32.9	32.9	82.9 82.8	82.9	7.4 7.4	7.4	7.4	6.2 6.4	6.3		24 24	24.0	
				Bottom	7	20.9 20.9	20.9	33.0 33.0	33.0	82.9 82.8	82.9	7.4 7.4	7.4	7.4	8.6 9.0	8.8		12 12	12.0	
14-Dec-07	Sunny	Rough	17:38	Surface	1	22.1 22.2	22.2	32.9 32.9	32.9	101.8 101.4	101.6	6.9 6.9	6.9	6.8	7.2 7.1	7.2	8.0	26 26	26.0	25.3
				Middle	4	22.1 22.0	22.1	32.9 32.9	32.9	98.7 96.9	97.8	6.7 6.6	6.7	6.7	7.2 7.4	7.3		28 28	28.0	
				Bottom	7	21.9 21.9	21.9	33.0 33.0	33.0	90.6 89.5	90.1	6.1 6.1	6.1	6.1	9.6 9.4	9.5		22 22	22.0	
17-Dec-07	Sunny	Rough	18:55	Surface	1	21.0 21.0	21.0	31.7 31.7	31.7	85.5 85.5	85.5	7.6 7.6	7.6	7.6	6.0 5.8	5.9	7.0	26 26	26.0	34.3
				Middle	4	20.9 20.9	20.9	31.7 31.7	31.7	85.4 85.7	85.6	7.5 7.6	7.6	7.6	6.2 6.3	6.3		35 35	35.0	
				Bottom	7	20.7 20.7	20.7	31.8 31.8	31.8	85.7 85.4	85.6	7.6 7.5	7.6	7.6	8.5 8.8	8.7		42 42	42.0	
19-Dec-07	Sunny	Moderate	10:27	Surface	1	19.7 19.7	19.7	32.0 32.0	32.0	83.2 83.1	83.2	6.2 6.2	6.2	6.2	3.6 3.7	3.7	6.2	10 11	10.5	15.0
				Middle	4	19.6 19.6	19.6	32.0 32.0	32.0	83.0 82.9	83.0	6.2 6.1	6.2	6.2	5.2 5.2	5.2		18 18	18.0	
				Bottom	7	19.6 19.6	19.6	32.0 32.0	32.0	82.8 82.7	82.8	6.1 6.1	6.1	6.1	9.6 9.8	9.7		16 17	16.5	
21-Dec-07	Sunny	Moderate	11:35	Surface	1	20.3 20.3	20.3	32.7 32.7	32.7	92.3 91.7	92.0	7.4 7.4	7.4	7.3	7.9 7.9	7.9	8.5	14 14	14.0	17.0
				Middle	4	20.3 20.3	20.3	32.7 32.7	32.7	89.9 89.6	89.8	7.2 7.2	7.2	7.2	8.1 8.2	8.2		24 24	24.0	
				Bottom	7	20.3 20.3	20.3	32.8 32.8	32.8	86.9 86.3	86.6	7.0 7.0	7.0	7.0	9.2 9.8	9.5		13 13	13.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

**Water Quality Monitoring Results at SR8 - Mid-Flood Tide**

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
26-Nov-07	Sunny	Rough	11:09	Surface	1	20.9	20.9	30.3	30.3	82.5	82.5	6.1	6.1	6.1	6.8	6.9	13.9	14	14.0	17.8
				Middle	4.5	20.8	20.8	30.4	30.4	82.3	82.3	6.1	6.1		6.9	6.9		14	14.0	
				Bottom	8	20.8	20.8	30.4	30.4	82.2	82.2	6.0	6.0		6.8	6.8		20	20.0	
28-Nov-07	Sunny	Rough	12:10	Surface	1	19.9	19.9	31.4	31.4	73.7	73.8	5.1	5.1	5.3	16.3	16.4	11.4	21	21.0	19.0
				Middle	4.5	19.8	19.8	31.4	31.4	78.4	78.7	5.5	5.5		7.1	7.1		15	15.0	
				Bottom	8	19.8	19.8	31.4	31.4	81.5	81.5	5.8	5.8		10.8	10.8		21	21.0	
30-Nov-07	Sunny	Rough	17:13	Surface	1	21.2	21.2	30.3	30.3	79.9	79.8	6.2	6.2	6.2	7.8	7.9	13.3	8	8.0	14.8
				Middle	4.5	21.1	21.1	30.3	30.3	79.7	79.6	6.2	6.2		9.4	9.4		8	8.0	
				Bottom	8	21.0	21.0	30.3	30.3	79.5	79.4	6.2	6.2		22.5	22.5		29	28.5	
3-Dec-07	Sunny	Rough	16:32	Surface	1	21.0	21.0	30.4	30.4	80.8	80.7	6.4	6.4	6.4	7.4	7.5	12.9	21	20.5	19.3
				Middle	4.5	20.9	20.9	30.4	30.4	80.6	80.5	6.4	6.4		9.0	9.0		11	11.5	
				Bottom	8	20.8	20.8	30.7	30.7	80.4	80.3	6.4	6.4		22.1	22.1		26	26.0	
5-Dec-07	Sunny	Moderate	18:08	Surface	1	19.5	19.7	33.3	33.2	93.4	95.2	7.1	7.2	7.2	8.7	8.8	12.1	34	34.0	32.3
				Middle	4.5	19.8	19.8	33.1	33.1	94.7	97.2	7.1	7.2		12.8	12.2		24	25.0	
				Bottom	8	19.8	19.8	33.1	33.1	96.0	97.2	7.3	7.3		15.3	15.4		38	38.0	
7-Dec-07	Sunny	Moderate	15:53	Surface	1	21.0	21.0	31.7	31.7	88.3	86.1	6.5	6.3	6.2	2.2	2.2	3.1	23	23.0	21.5
				Middle	4.5	20.9	20.9	31.7	31.7	83.9	83.8	6.1	6.1		2.1	2.3		25	24.5	
				Bottom	8	20.7	20.7	31.7	31.7	83.9	83.8	6.1	6.1		4.6	4.8		17	17.0	
10-Dec-07	Sunny	Moderate	09:58	Surface	1	21.1	21.1	32.6	32.6	90.6	90.8	7.0	7.0	7.0	10.3	10.4	12.6	25	25.0	16.0
				Middle	4.5	20.9	20.9	32.6	32.7	90.2	89.6	7.0	7.0		13.1	12.5		12	12.0	
				Bottom	8	20.8	20.8	32.7	32.7	89.6	86.4	6.9	6.7		11.8	14.8		11	11.0	
12-Dec-07	Sunny	Rough	10:56	Surface	1	20.8	20.8	33.3	33.2	86.7	86.7	7.7	7.7	7.7	7.6	7.7	9.7	19	19.0	25.2
				Middle	4.5	20.7	20.7	33.1	33.1	86.5	86.4	7.7	7.7		9.2	9.2		26	26.0	
				Bottom	8	20.6	20.7	33.1	33.1	86.3	86.2	7.7	7.7		12.3	12.3		31	30.5	
14-Dec-07	Sunny	Rough	13:10	Surface	1	21.8	21.8	33.3	33.2	97.2	96.8	6.6	6.6	6.5	7.2	7.2	9.3	16	16.5	14.5
				Middle	4.5	21.7	21.7	33.1	33.1	92.8	92.6	6.3	6.3		7.1	8.2		14	14.0	
				Bottom	8	21.6	21.7	33.1	33.1	92.4	91.8	6.3	6.3		8.2	12.6		13	13.0	
17-Dec-07	Sunny	Rough	14:28	Surface	1	20.8	20.8	31.9	31.8	86.6	86.6	7.7	7.7	7.7	7.5	7.6	8.8	29	28.5	31.7
				Middle	4.5	20.7	20.7	31.7	31.7	86.5	86.3	7.7	7.7		7.6	9.1		31	31.0	
				Bottom	8	20.6	20.6	31.7	31.7	86.3	86.1	7.6	7.6		9.1	9.8		36	35.5	
19-Dec-07	Sunny	Moderate	15:40	Surface	1	19.9	19.9	32.0	32.0	87.7	85.5	6.5	6.4	6.3	3.4	3.4	4.3	7	7.5	10.8
				Middle	4.5	19.8	19.8	32.0	32.0	83.2	83.2	6.2	6.2		3.3	3.5		8	9.0	
				Bottom	8	19.6	19.6	32.0	32.0	83.2	83.2	6.2	6.2		3.6	6.0		16	16.0	
21-Dec-07	Sunny	Moderate	17:08	Surface	1	21.6	21.6	32.9	32.9	87.9	87.2	6.8	6.7	6.8	6.8	6.8	8.1	26	26.0	21.0
				Middle	4.5	21.9	21.9	32.6	32.6	86.4	88.8	6.6	6.8		6.8	10.0		26	26.0	
				Bottom	8	21.5	21.5	32.7	32.7	89.0	88.1	6.8	6.8		9.6	7.6		11	11.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

---

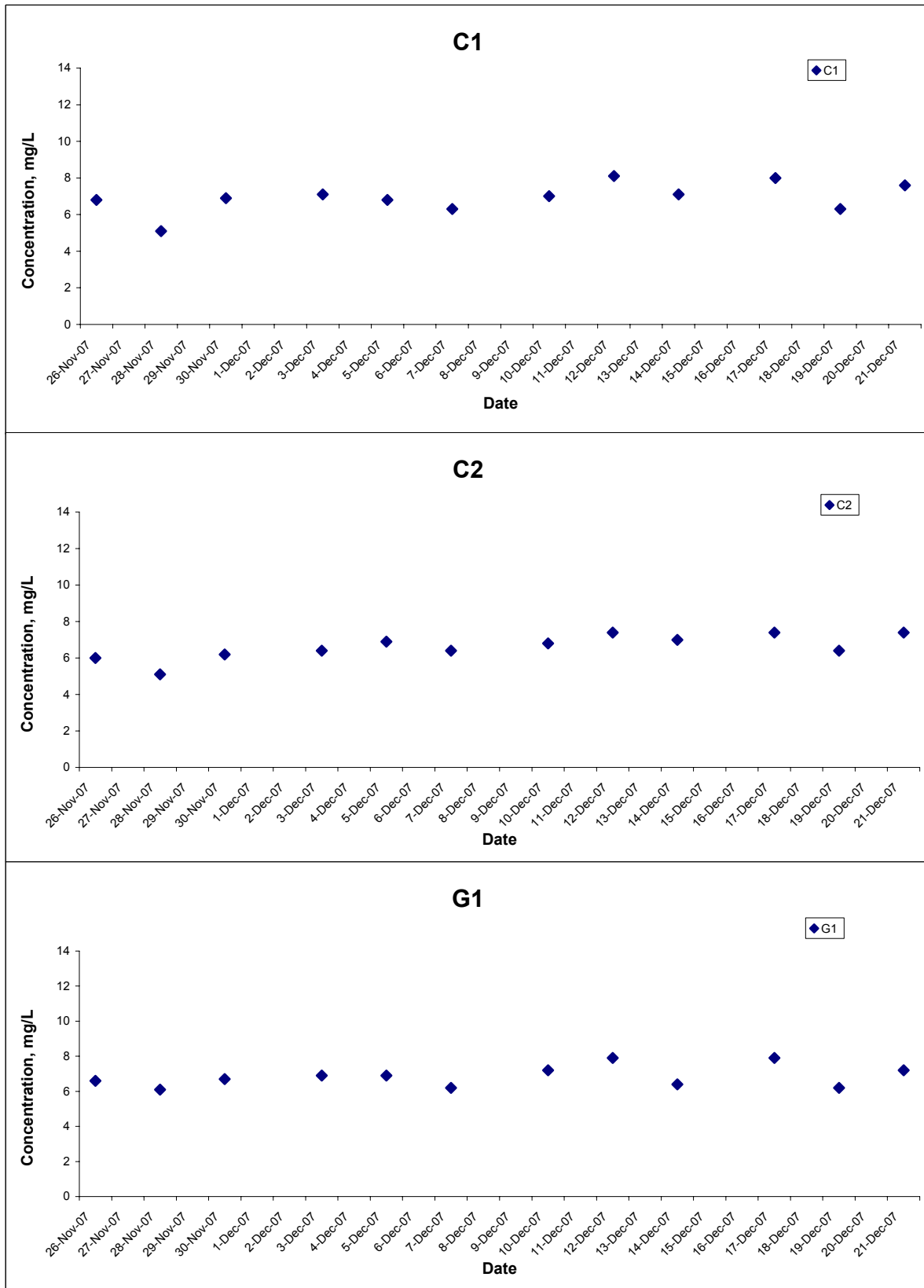
---

**APPENDIX D  
GRAPHICAL PRESENTATION OF  
BASELINE WATER QUALITY  
MONITORING DATA**

---

---

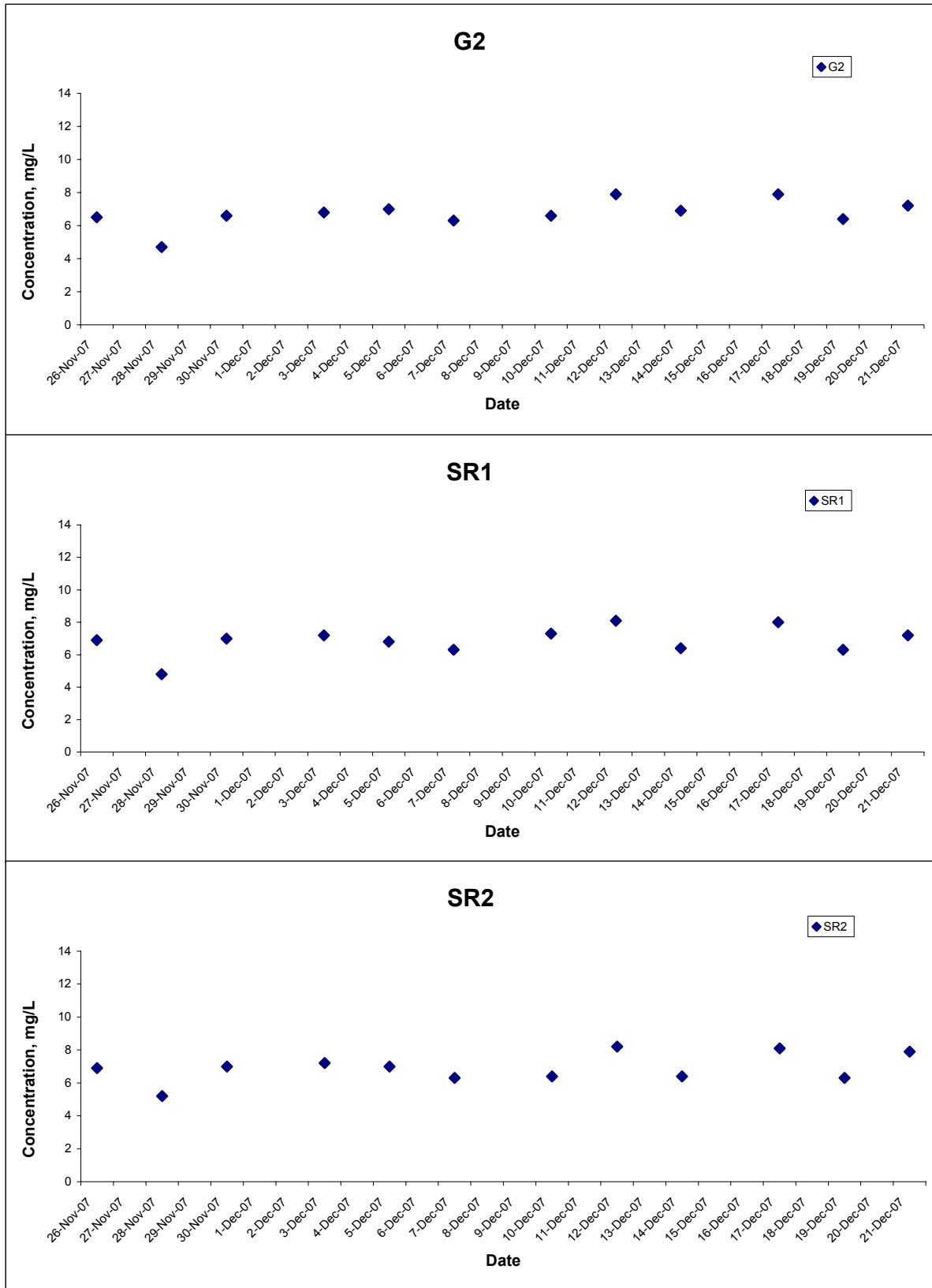
## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

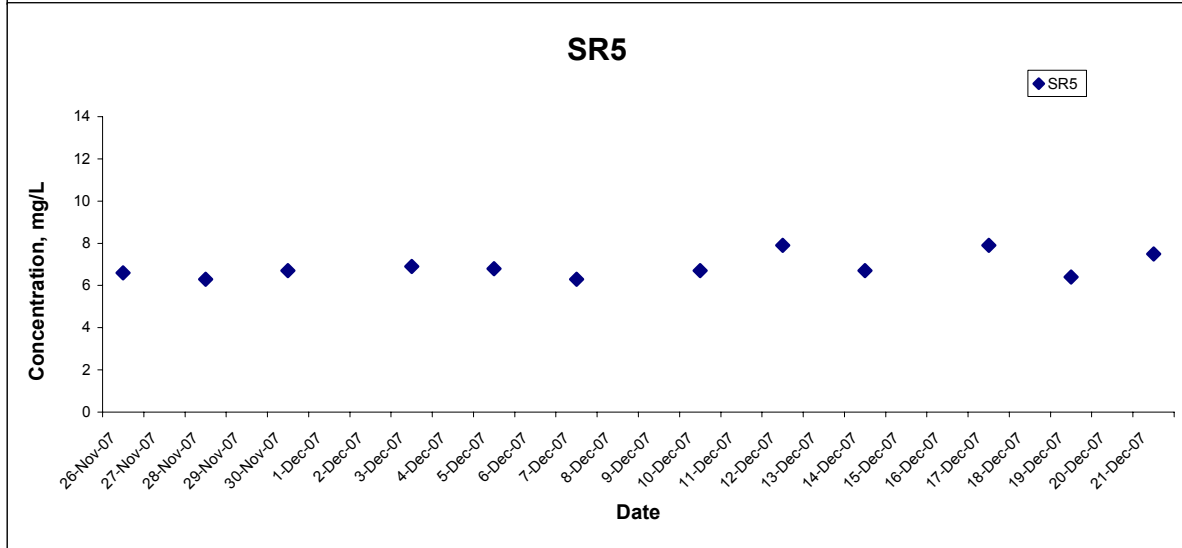
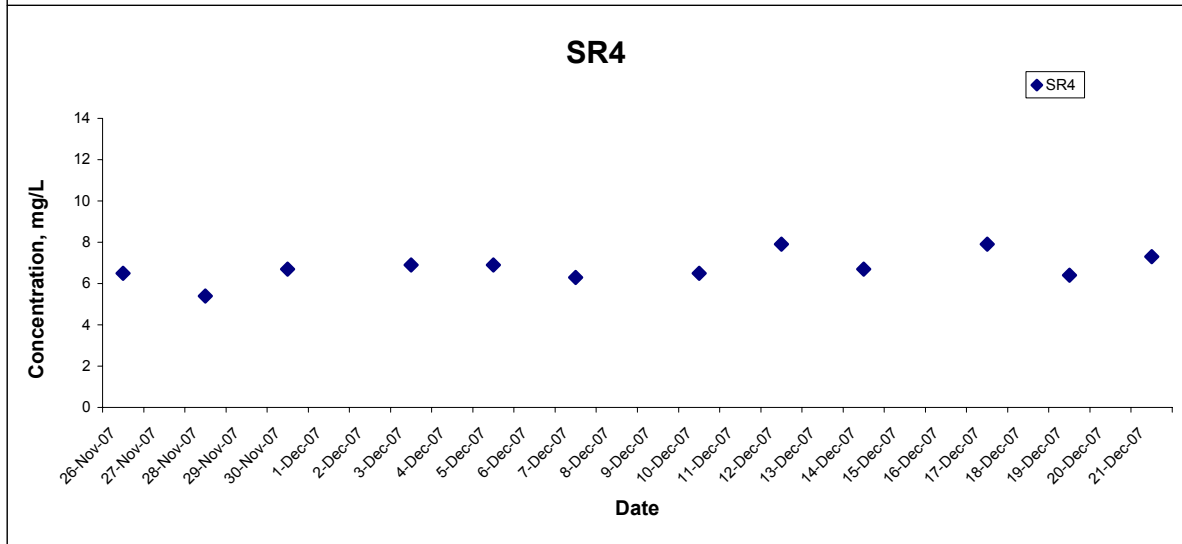
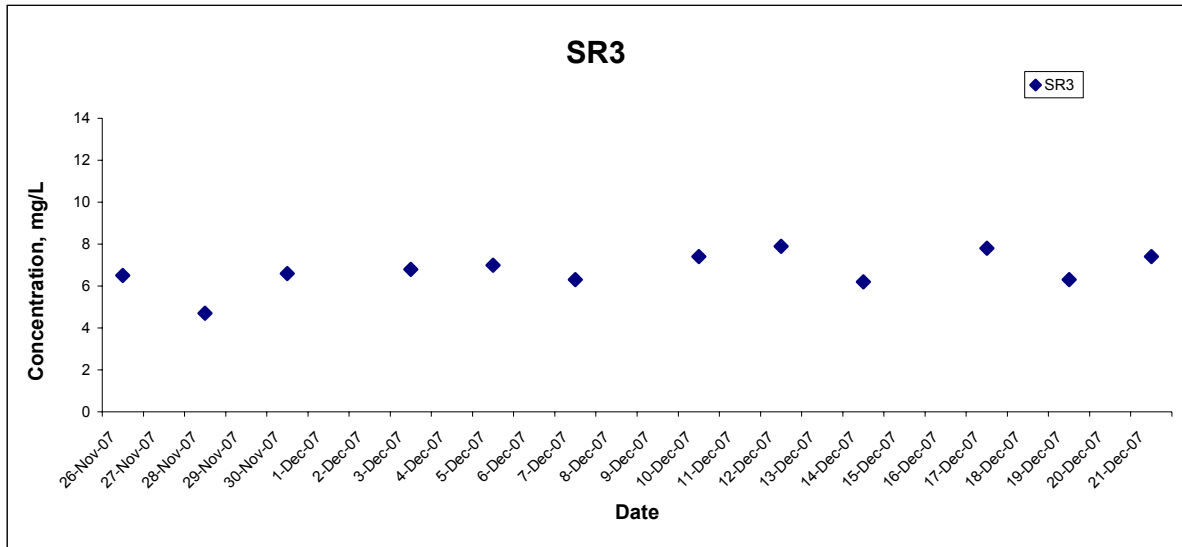


## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



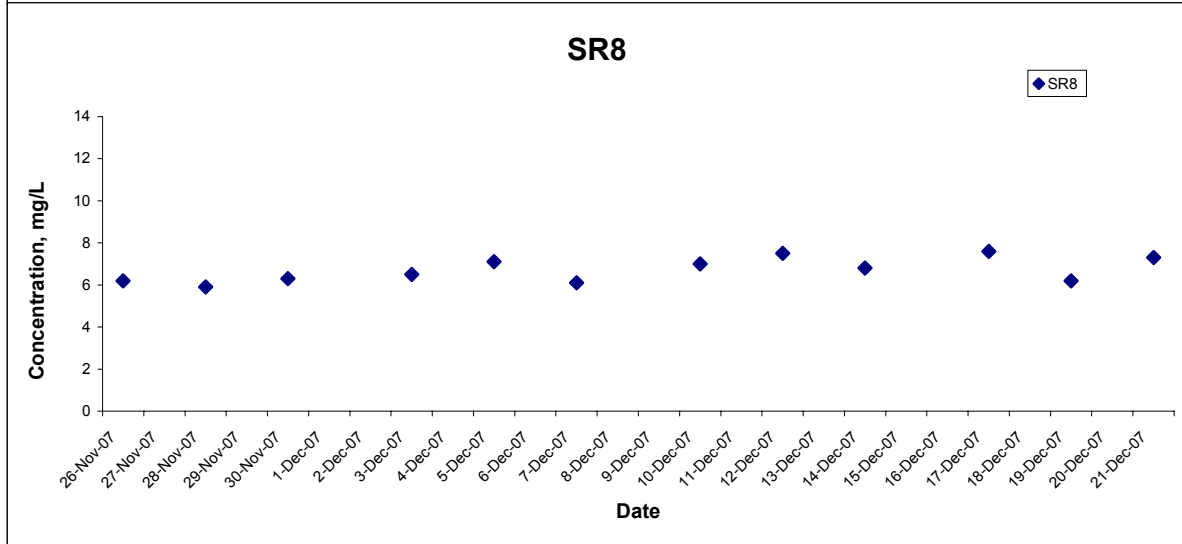
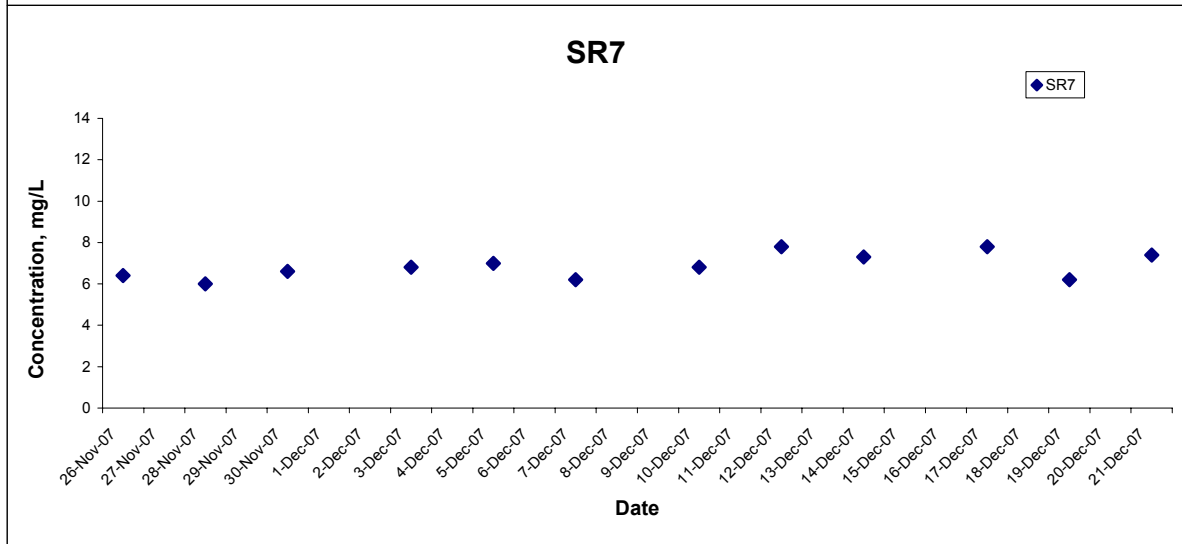
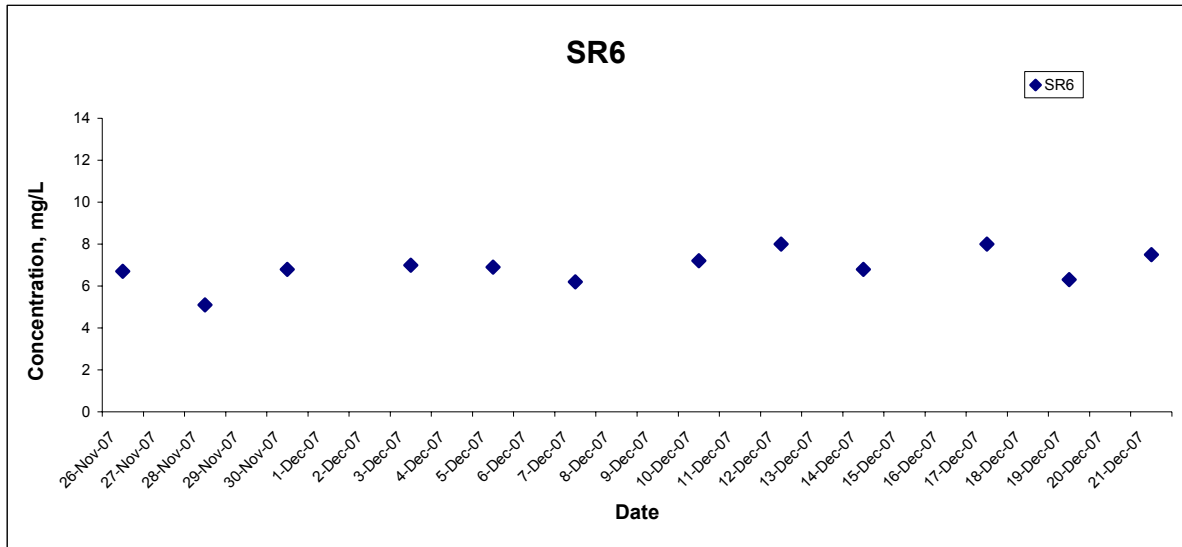
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



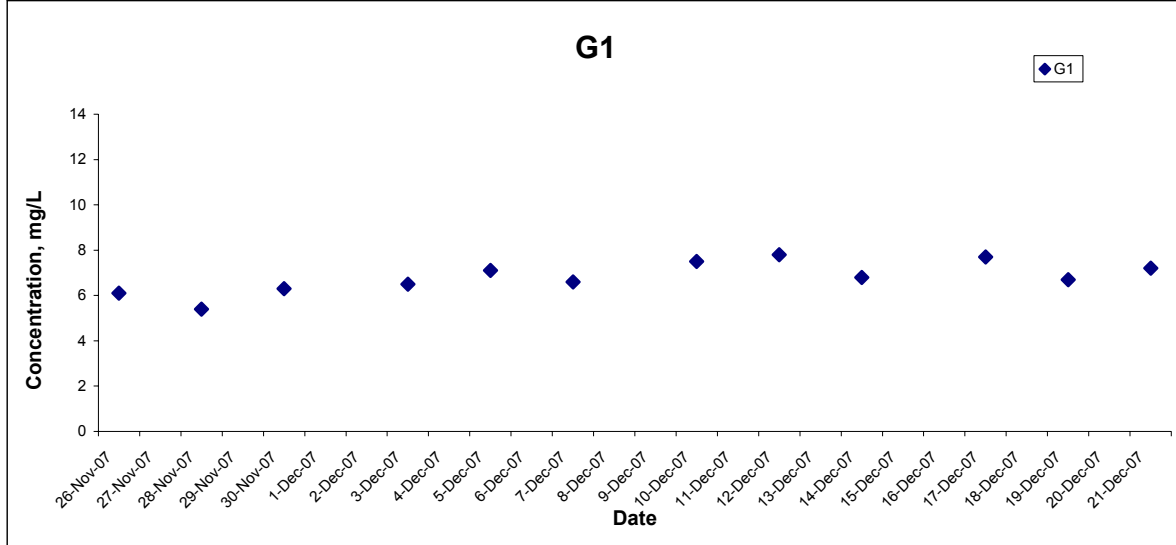
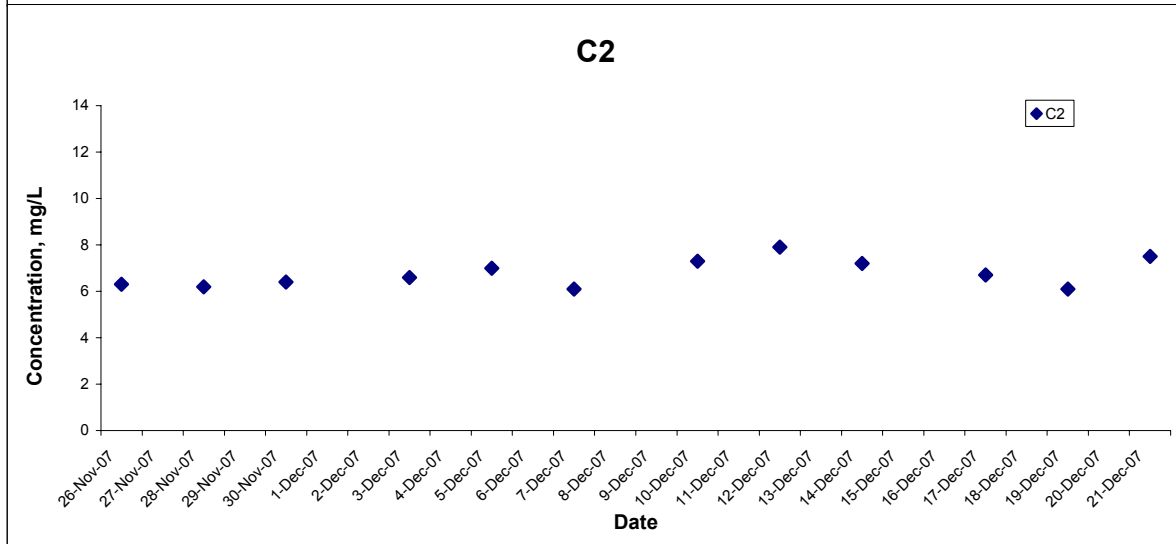
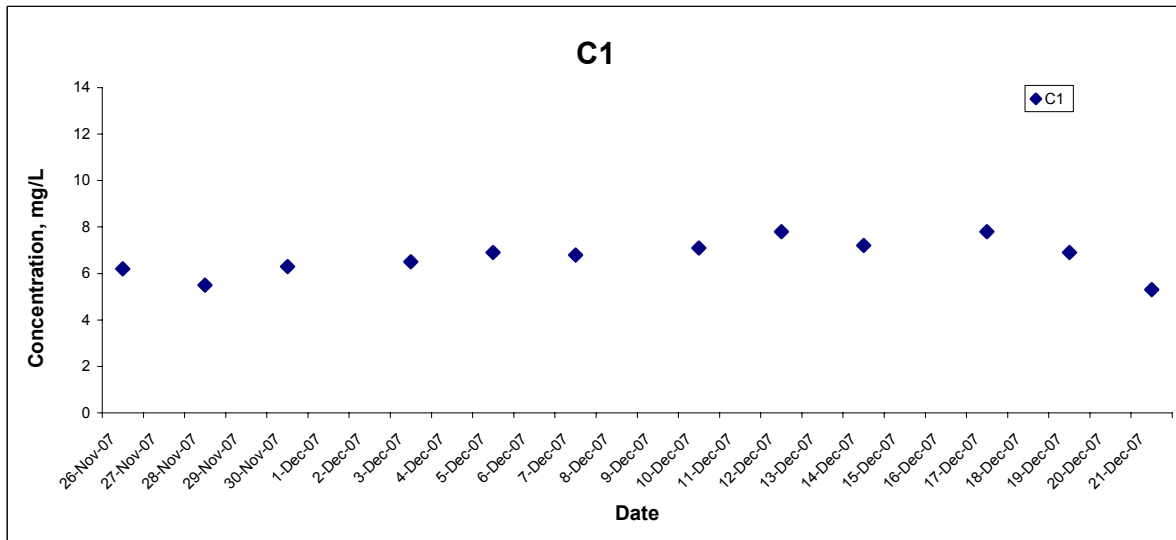
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



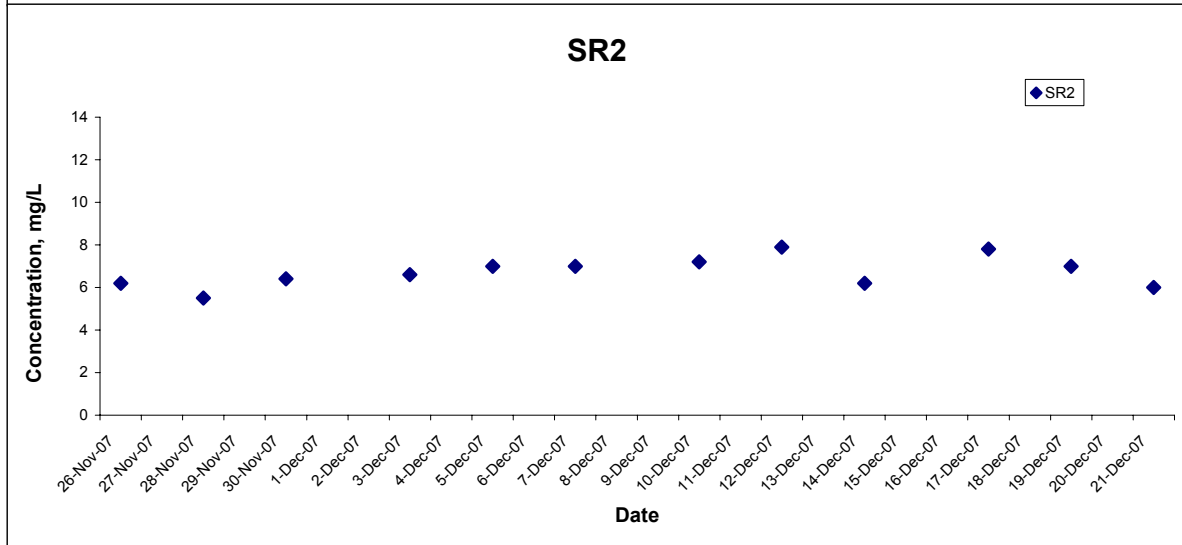
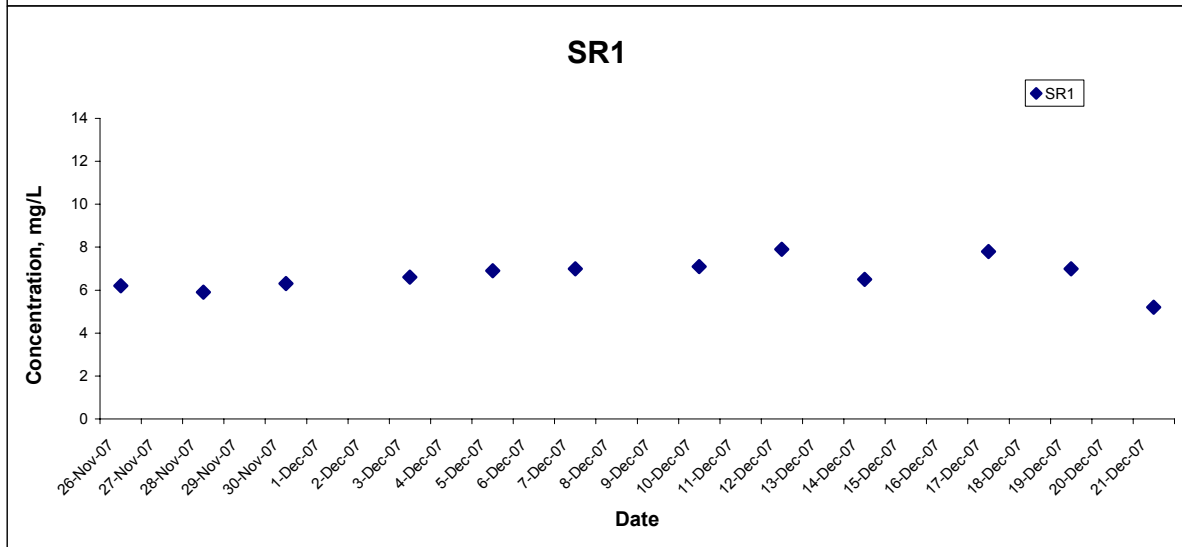
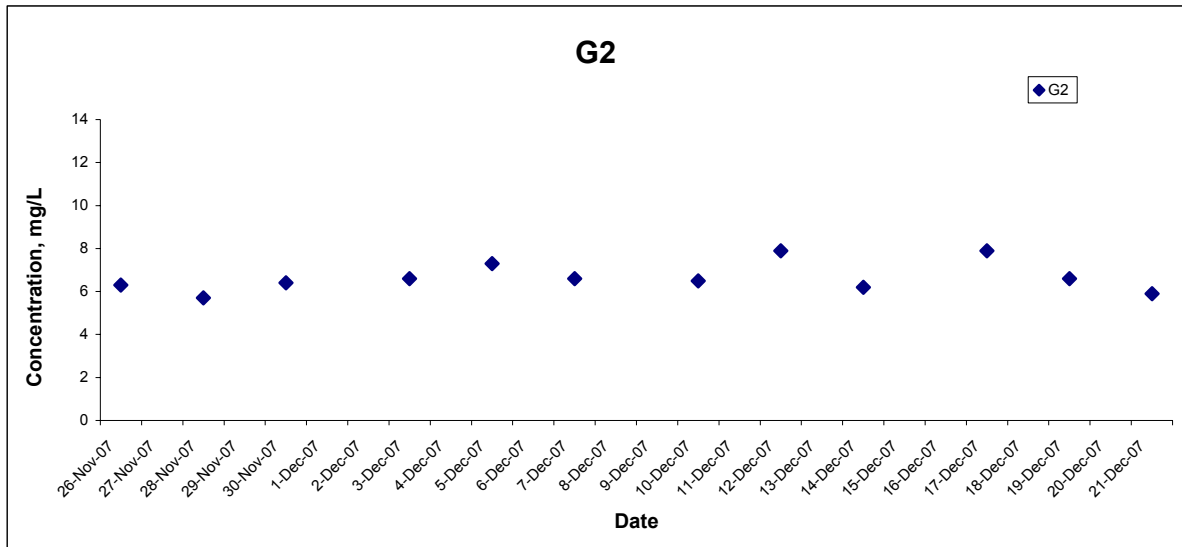
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



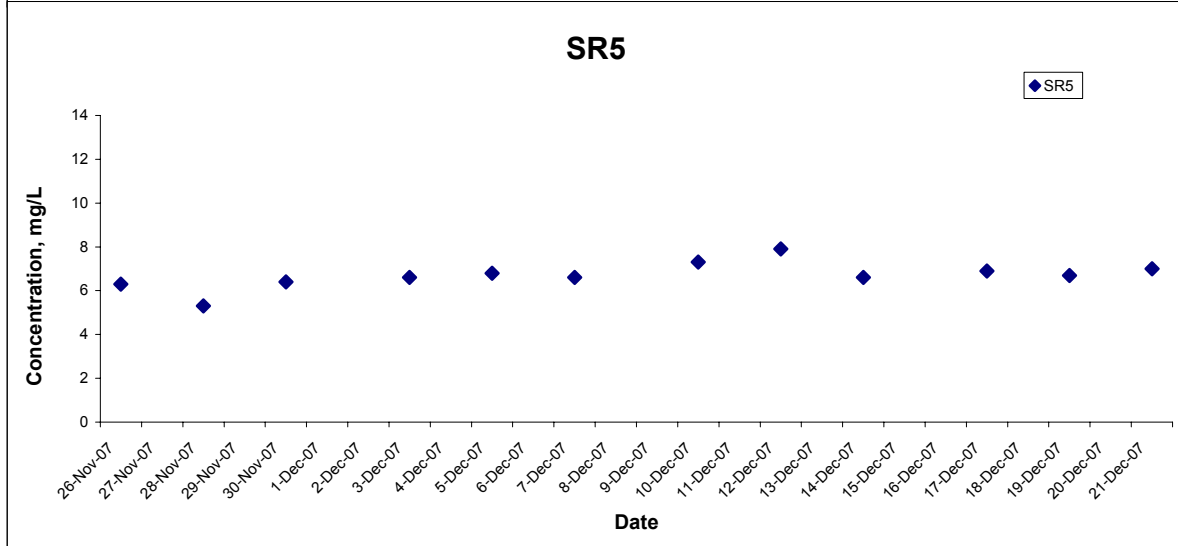
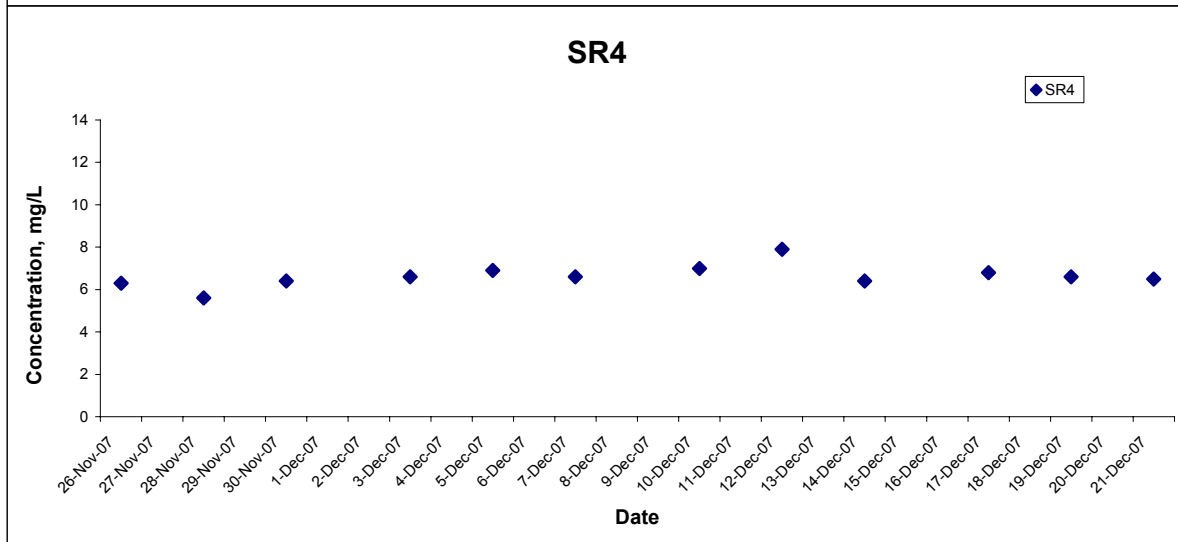
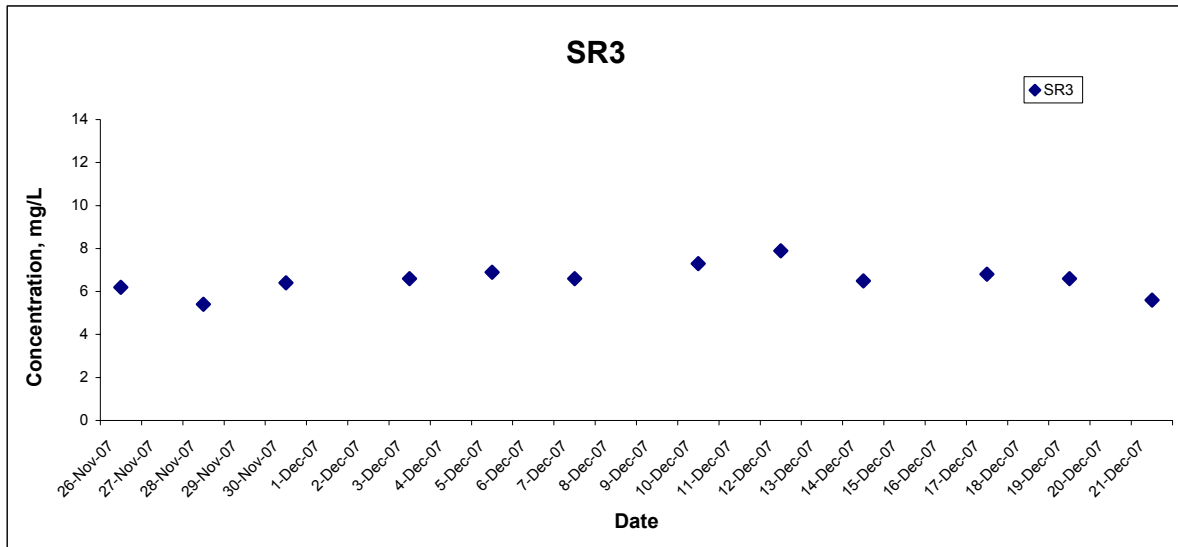
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



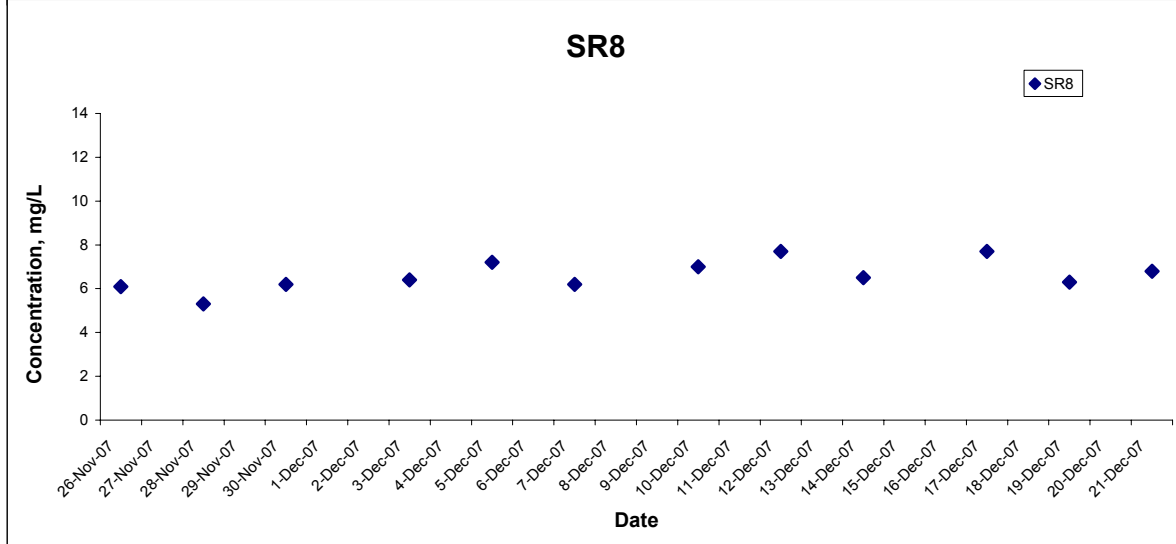
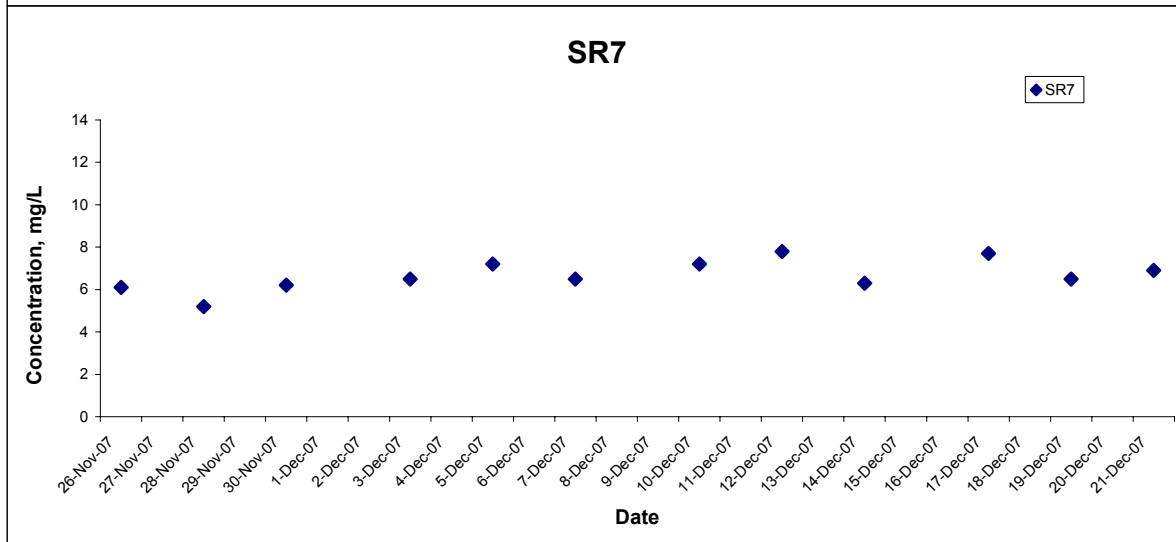
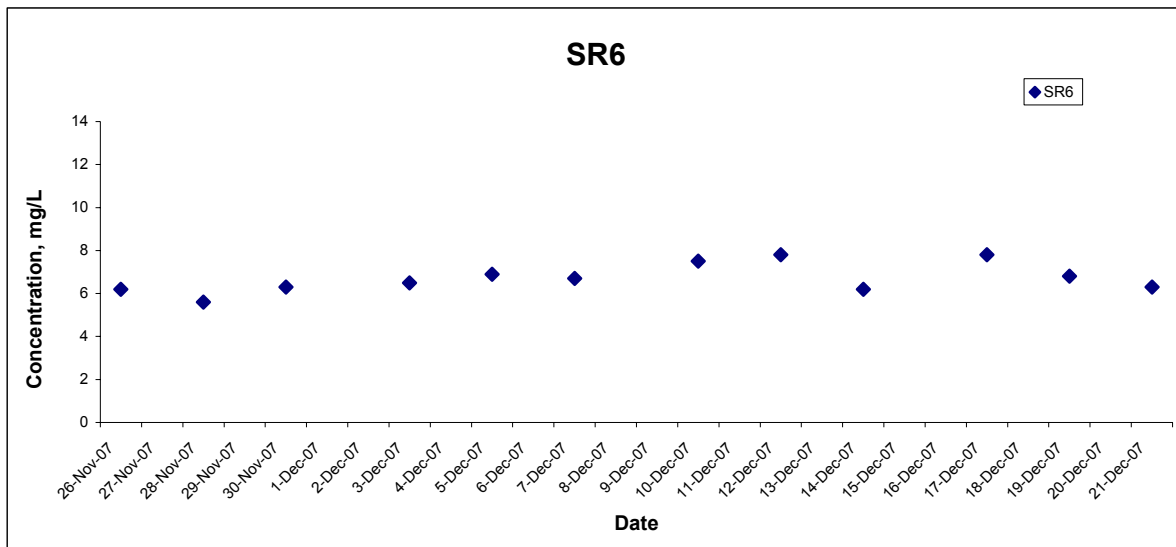
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



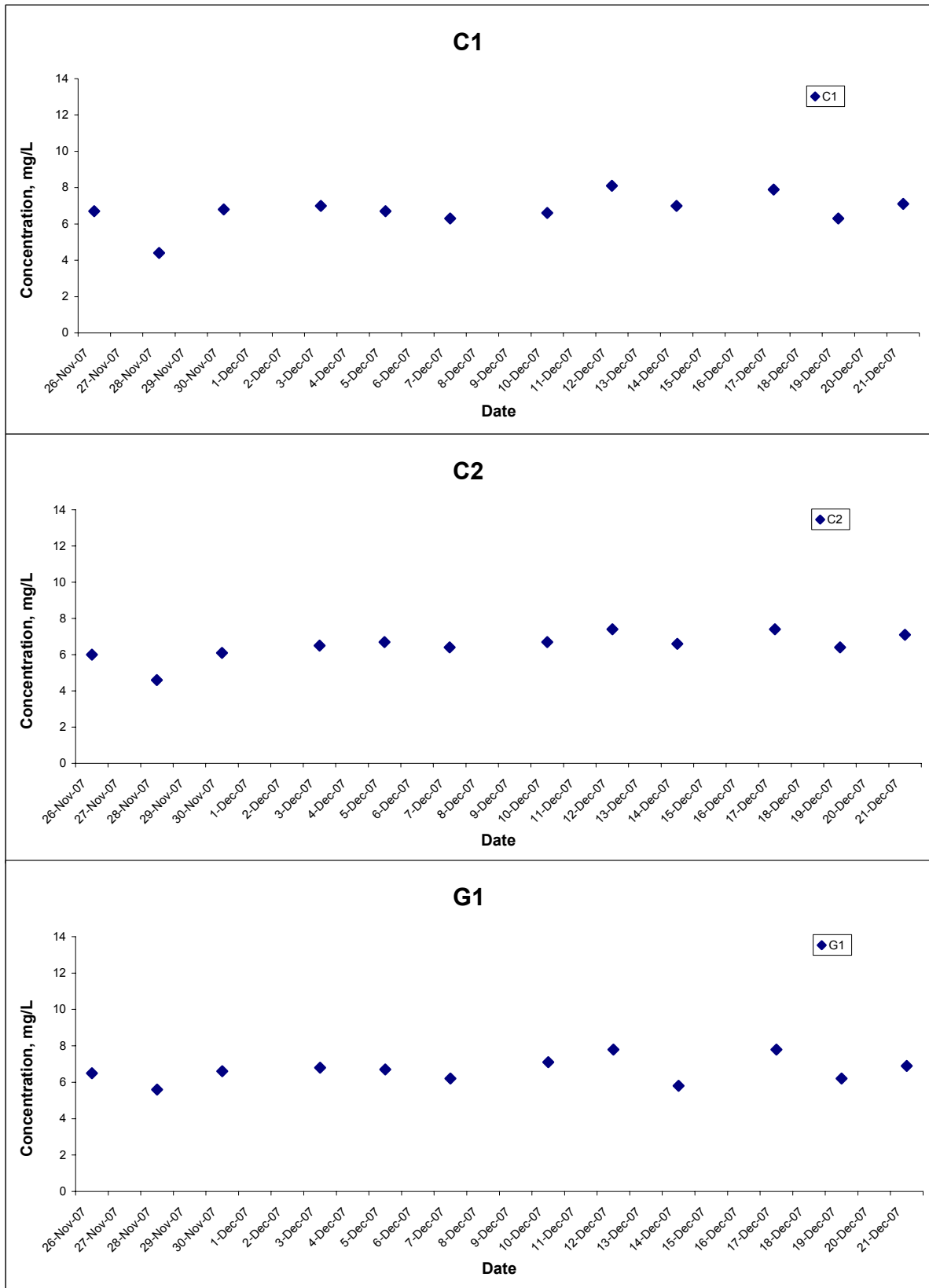
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	<b>CINOTECH</b>
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

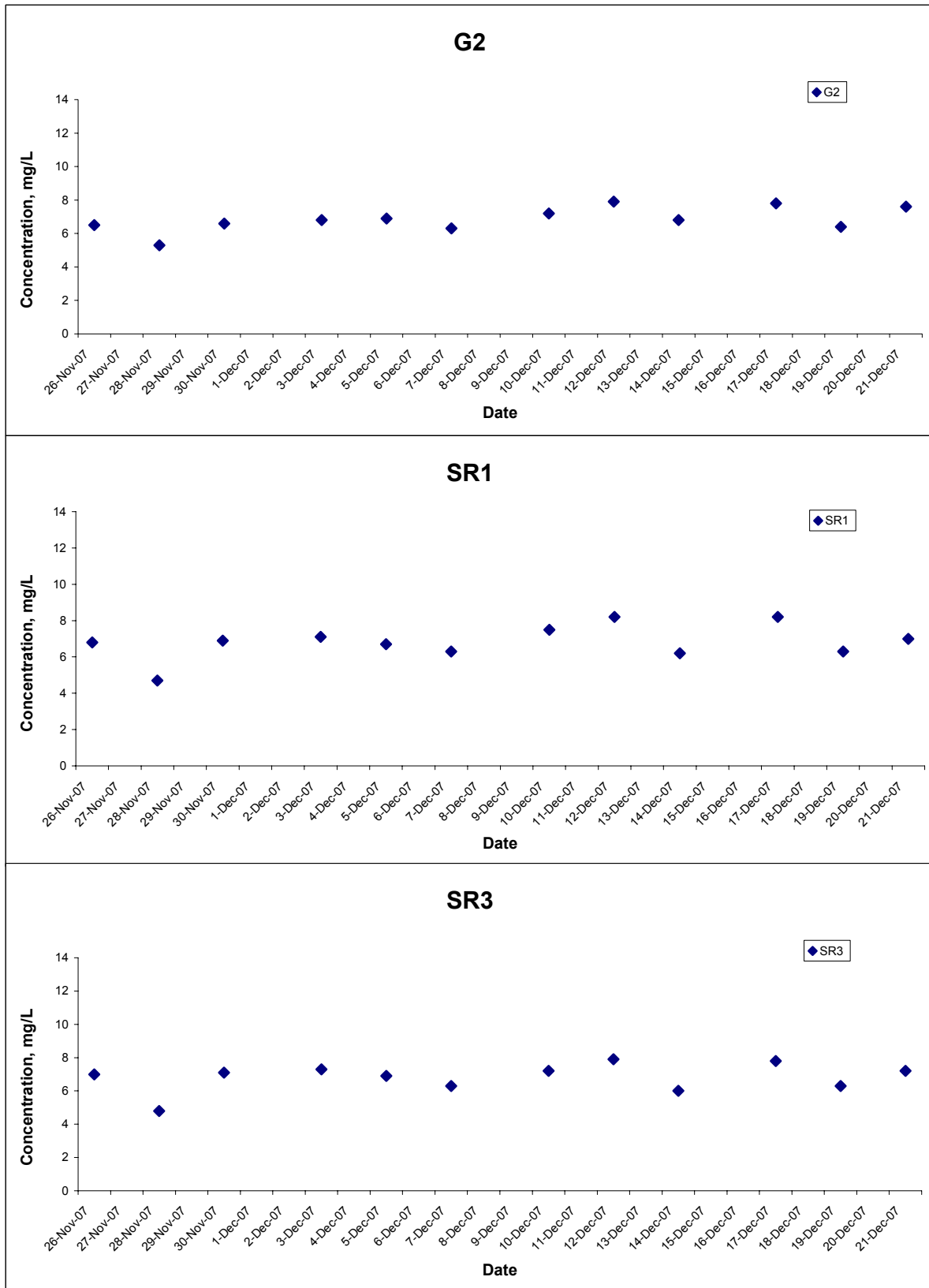
## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

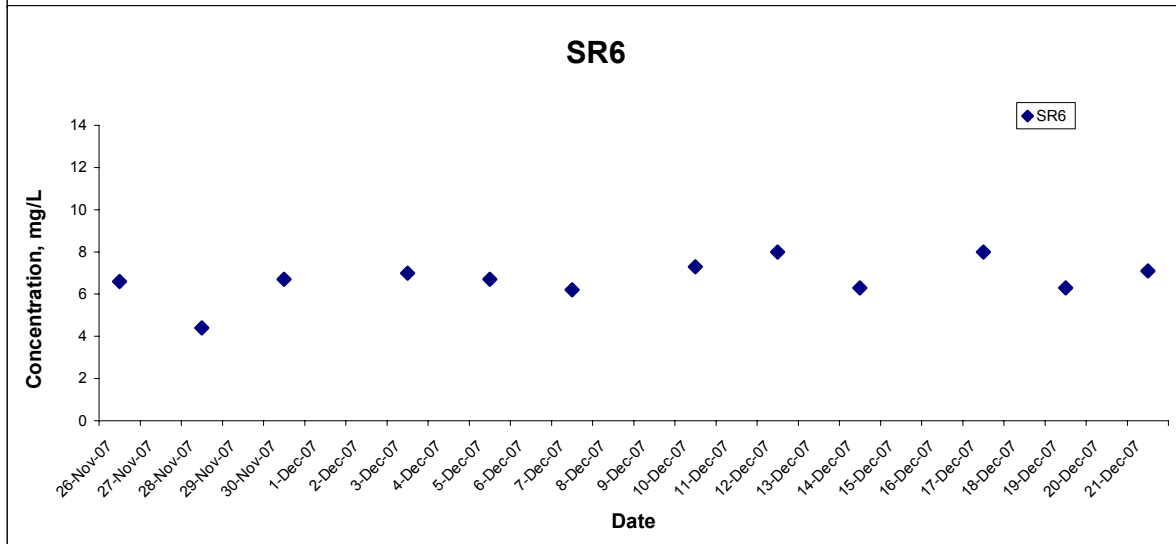
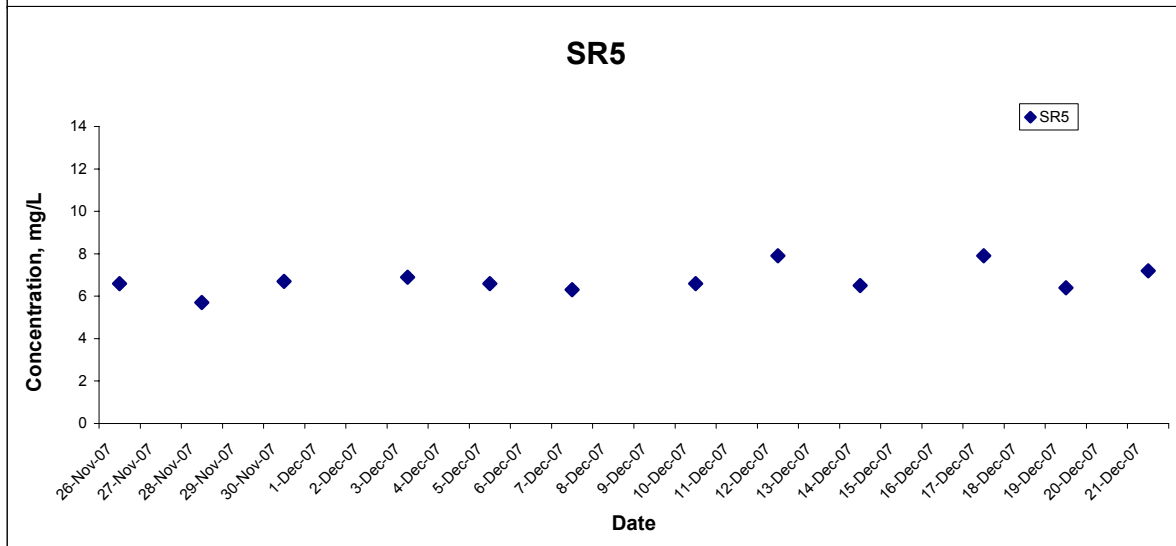
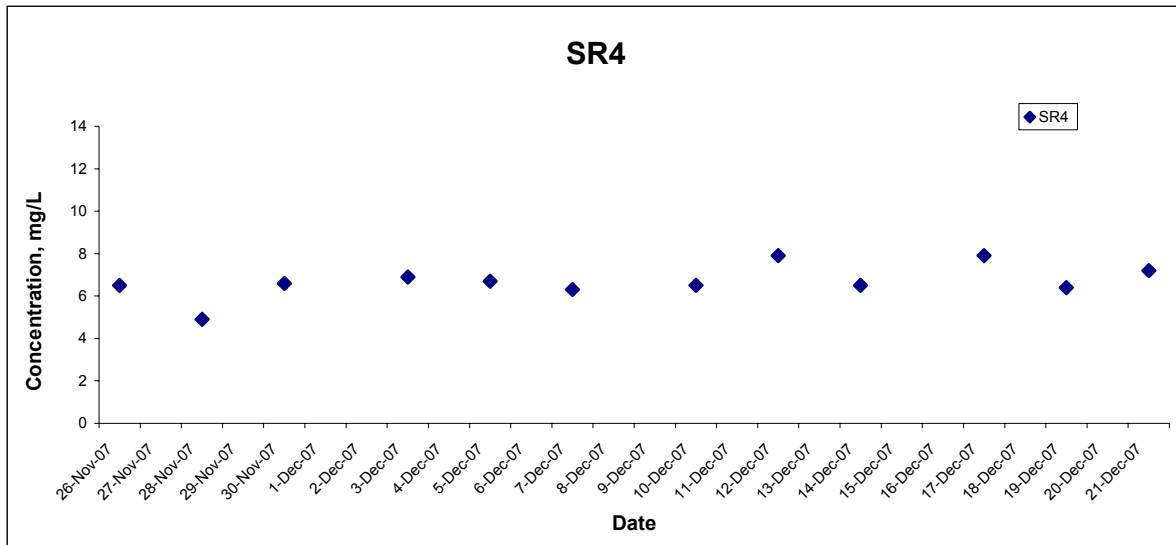


## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



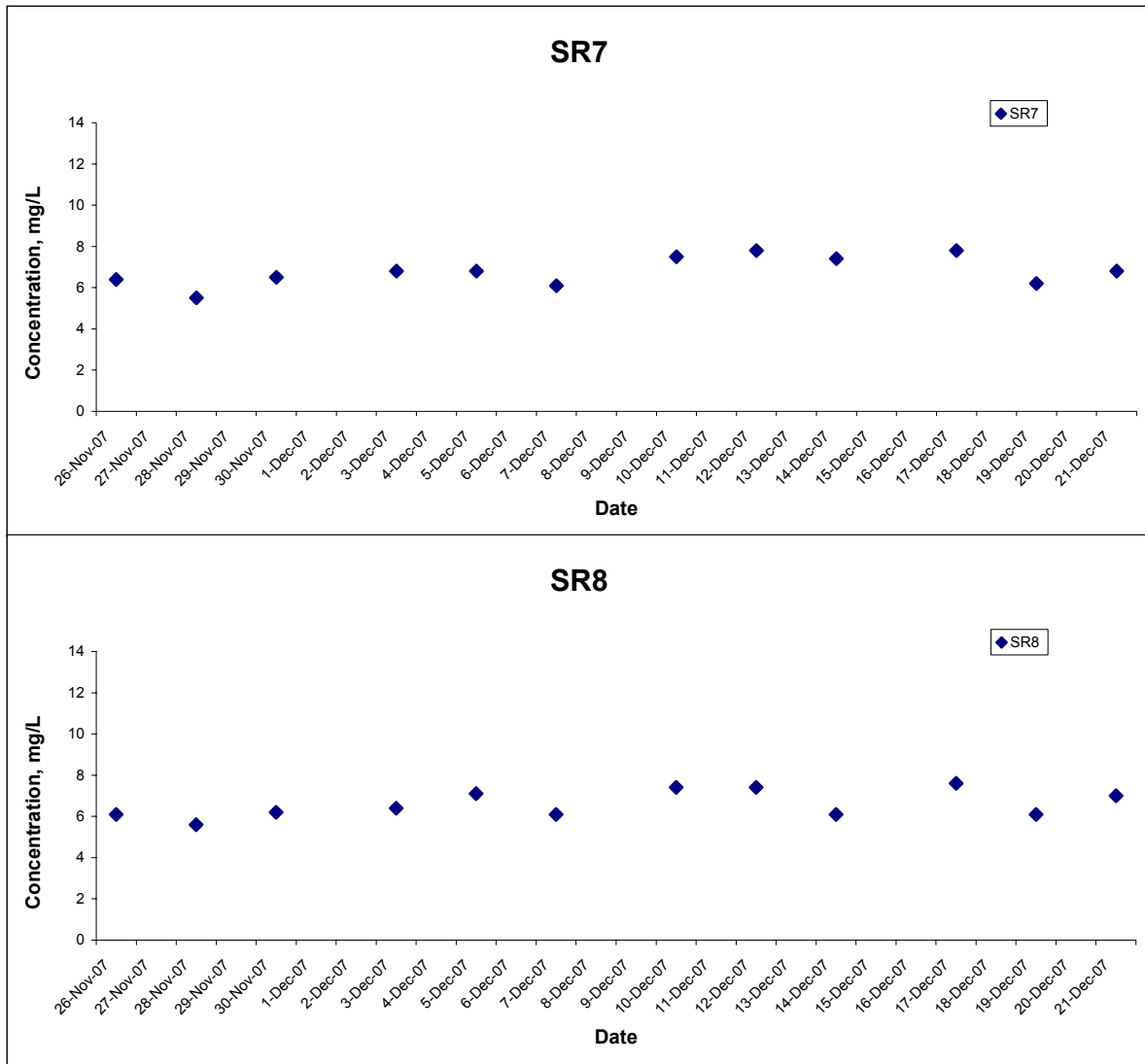
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

### Dissolved Oxygen (Bottom) at Mid-Ebb Tide



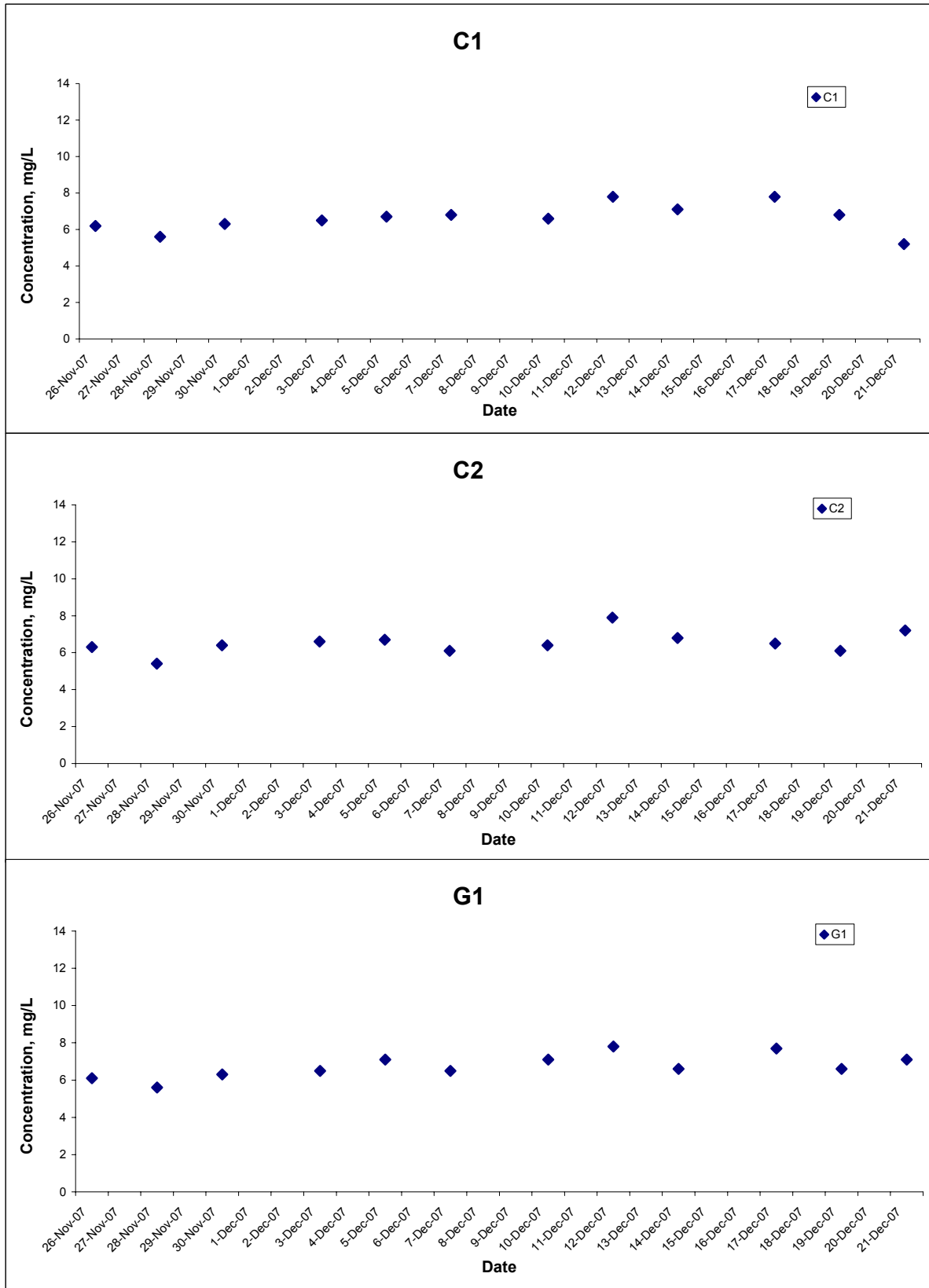
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



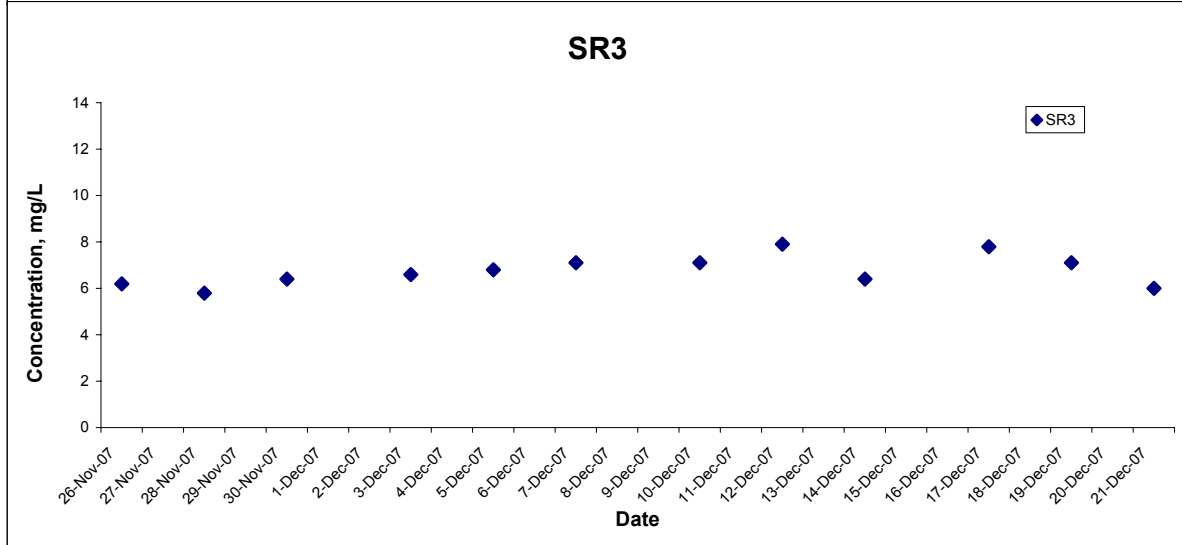
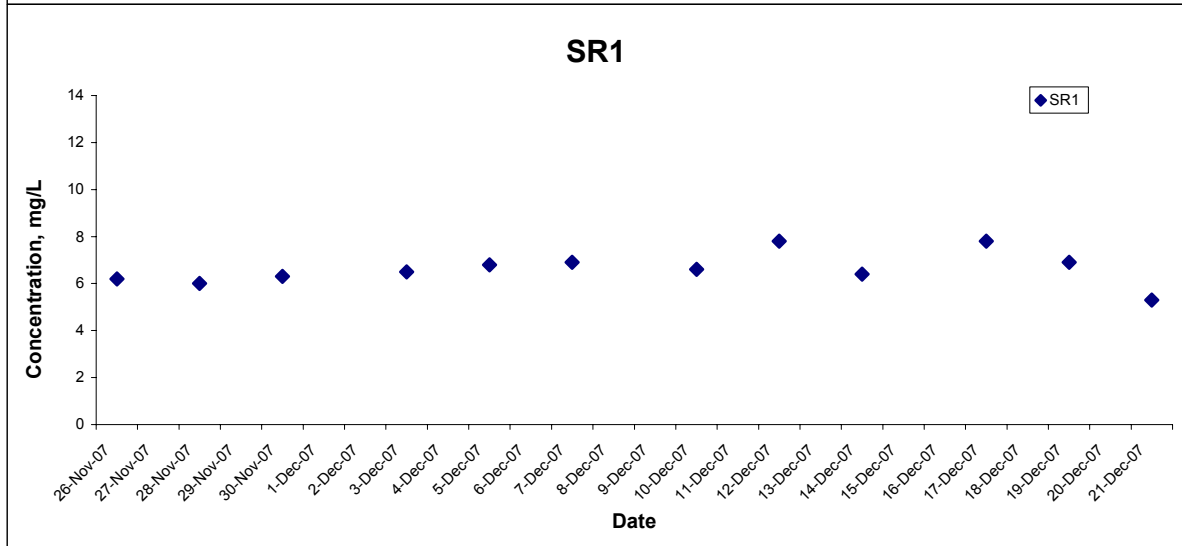
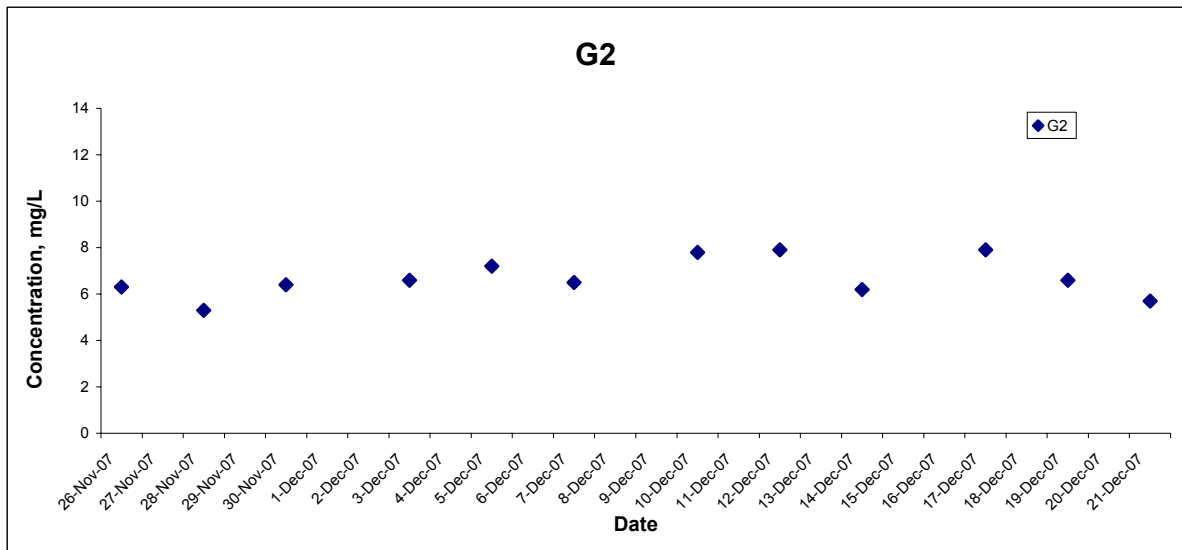
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



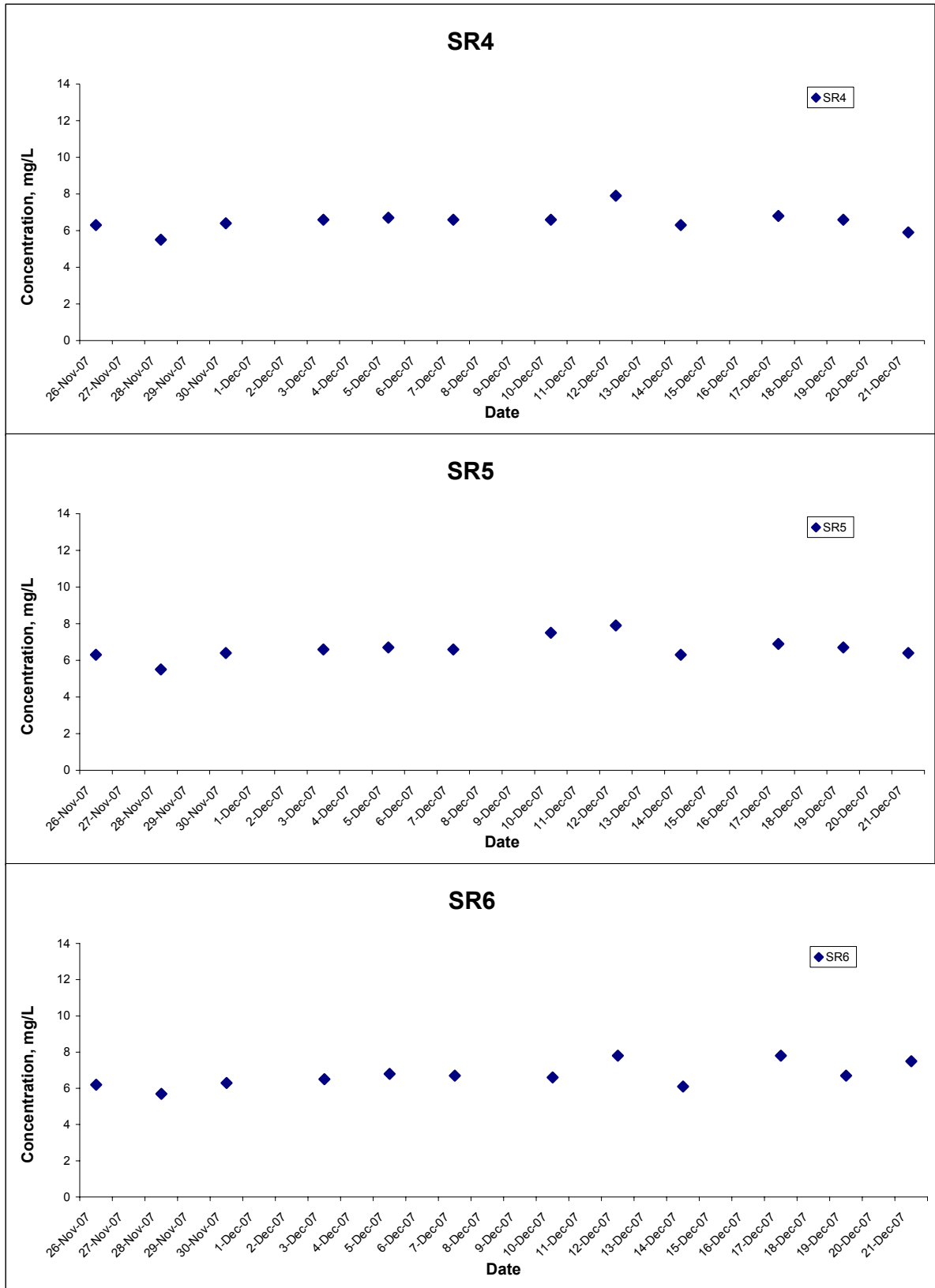
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



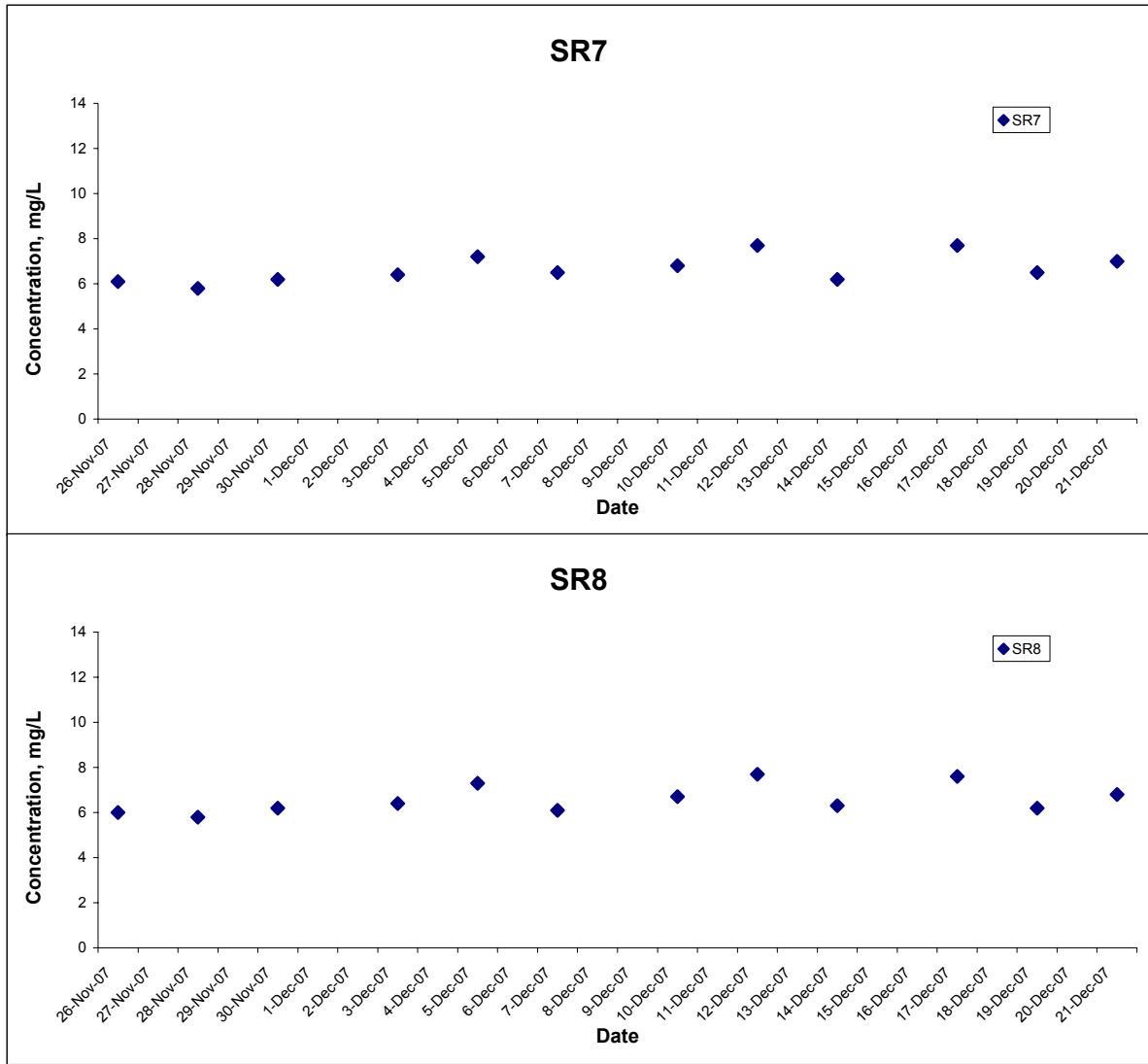
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



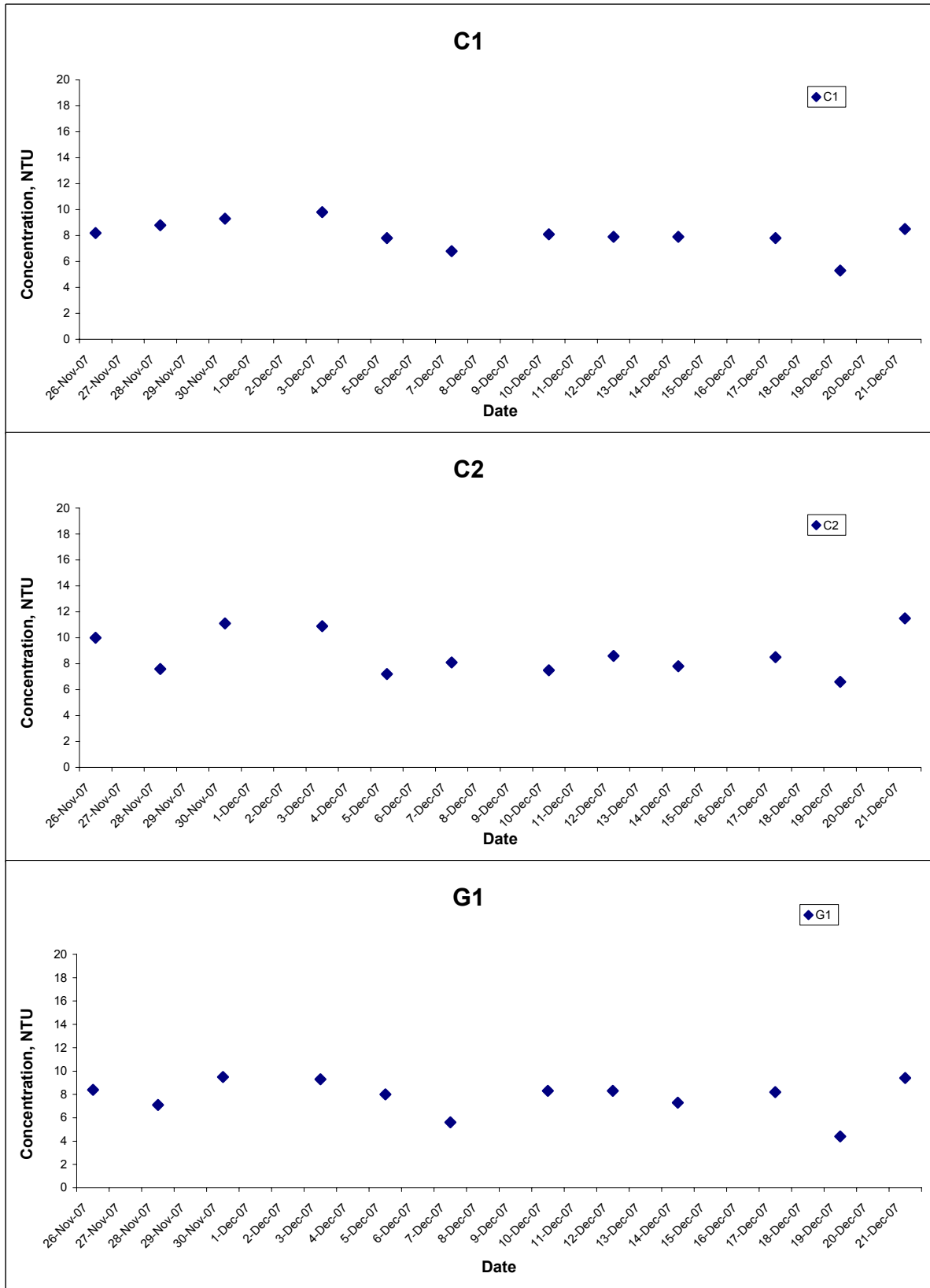
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	<b>CINOTECH</b>
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

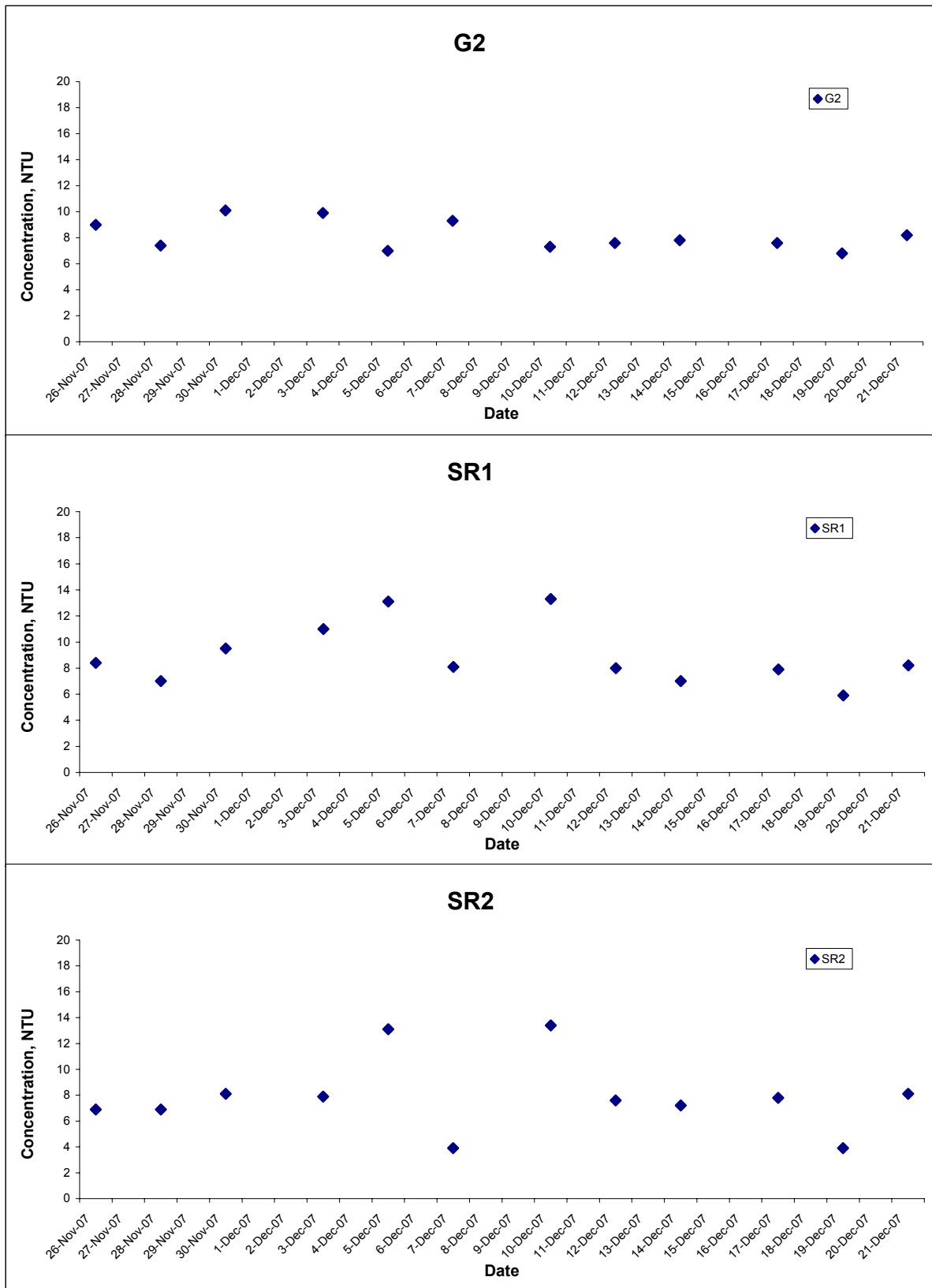
## Turbidity (Depth-averaged) at Mid-Ebb Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

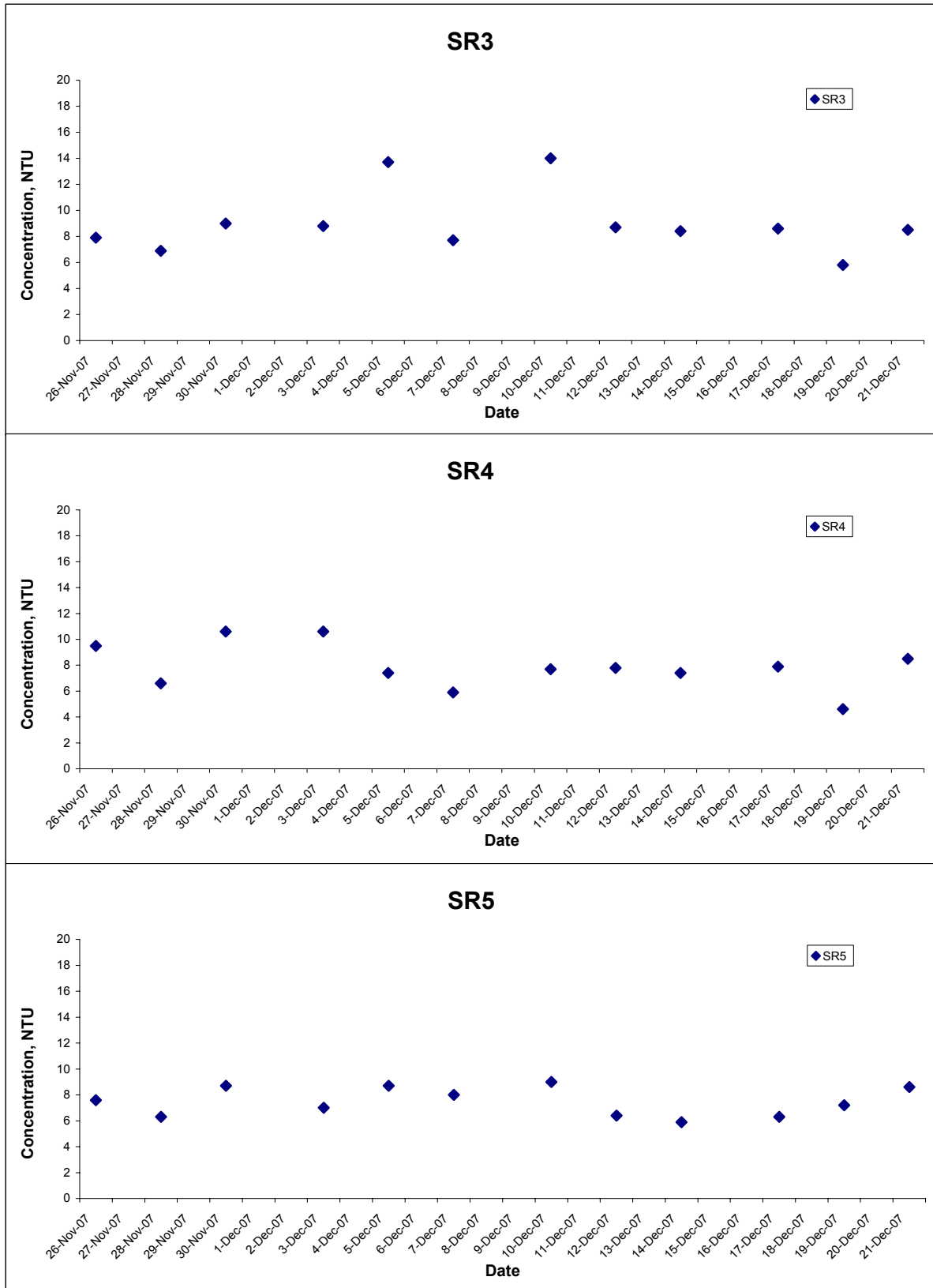


## Turbidity (Depth-averaged) at Mid-Ebb Tide



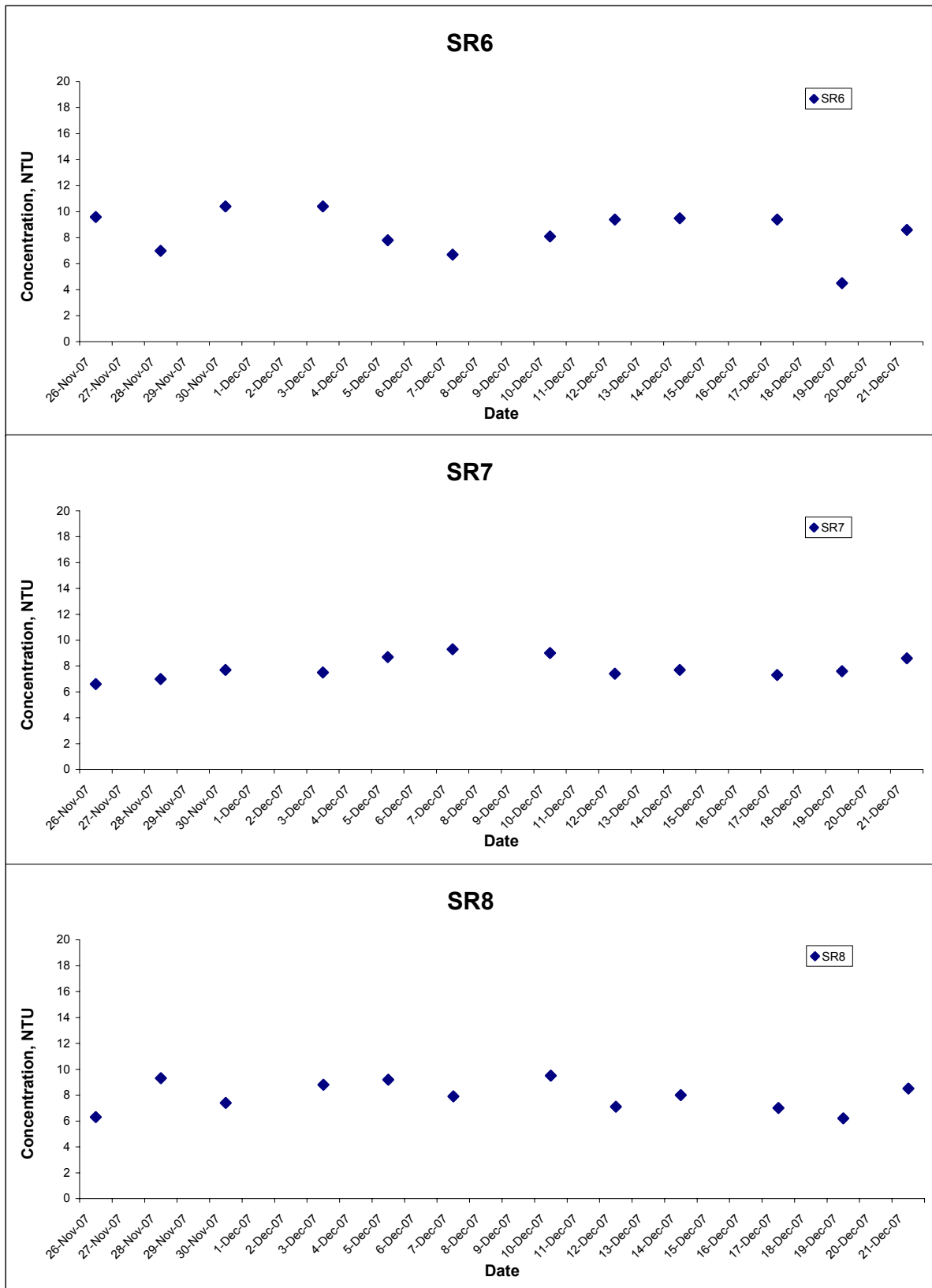
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Ebb Tide



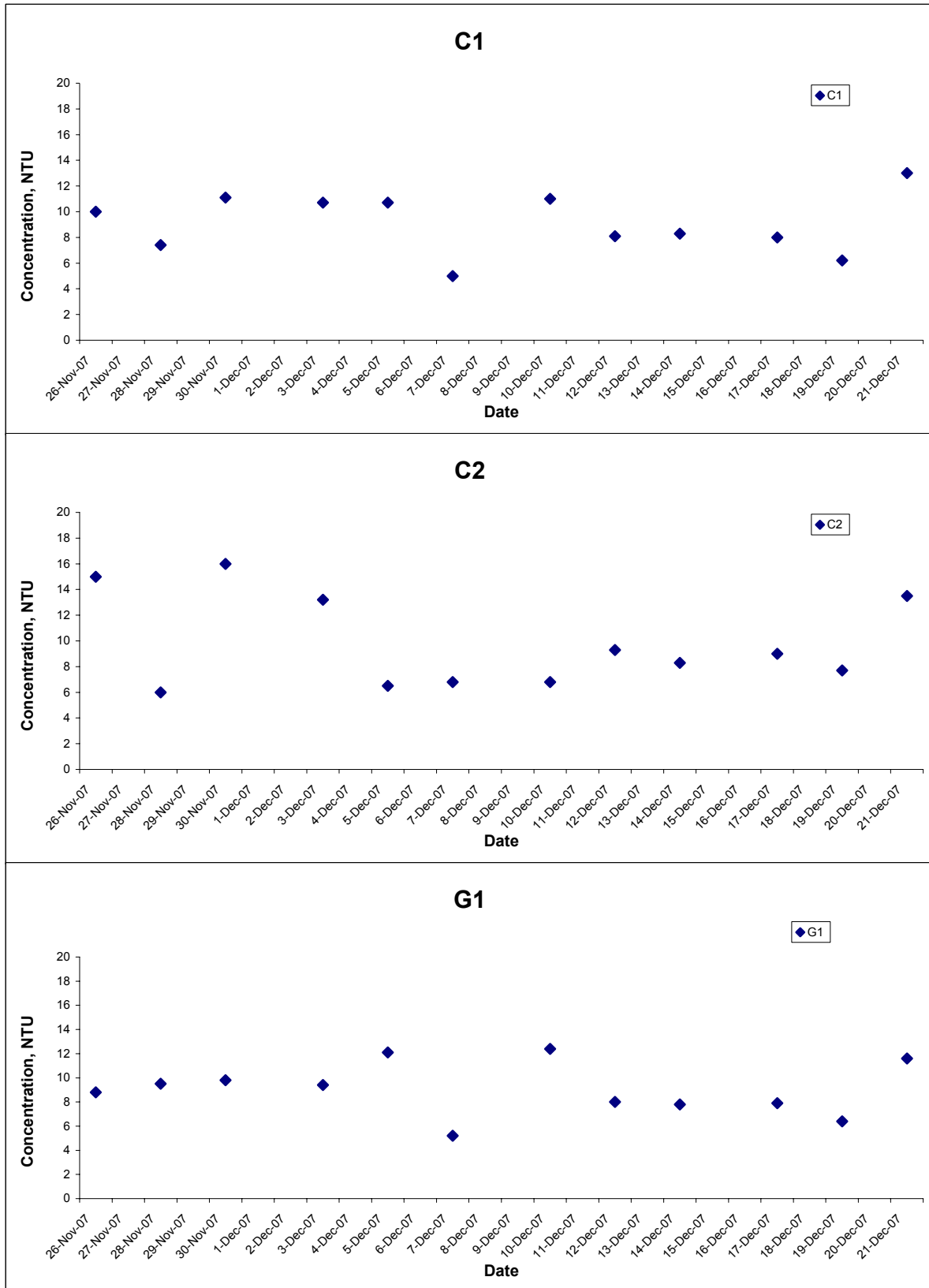
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Ebb Tide



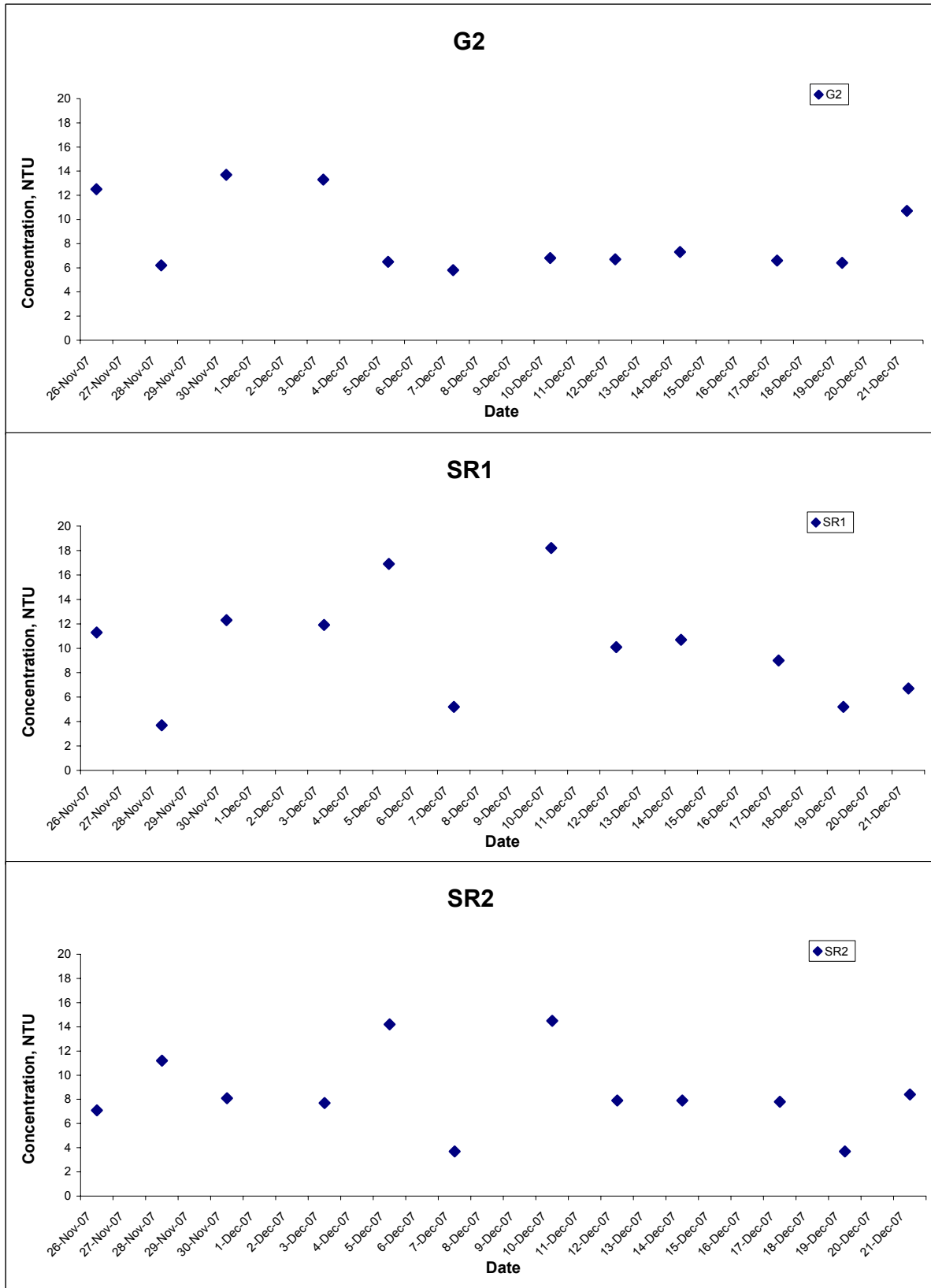
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Flood Tide



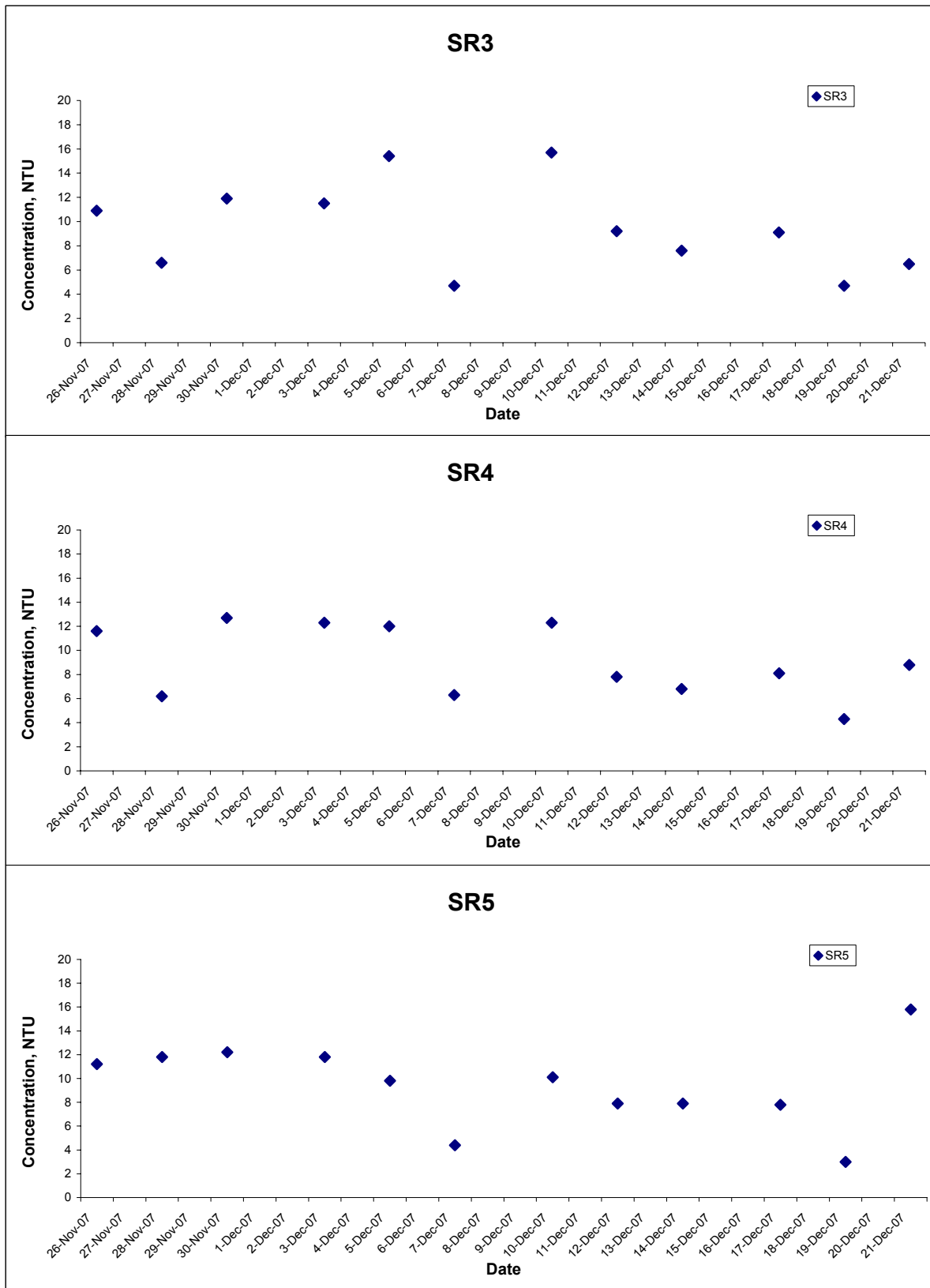
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Flood Tide



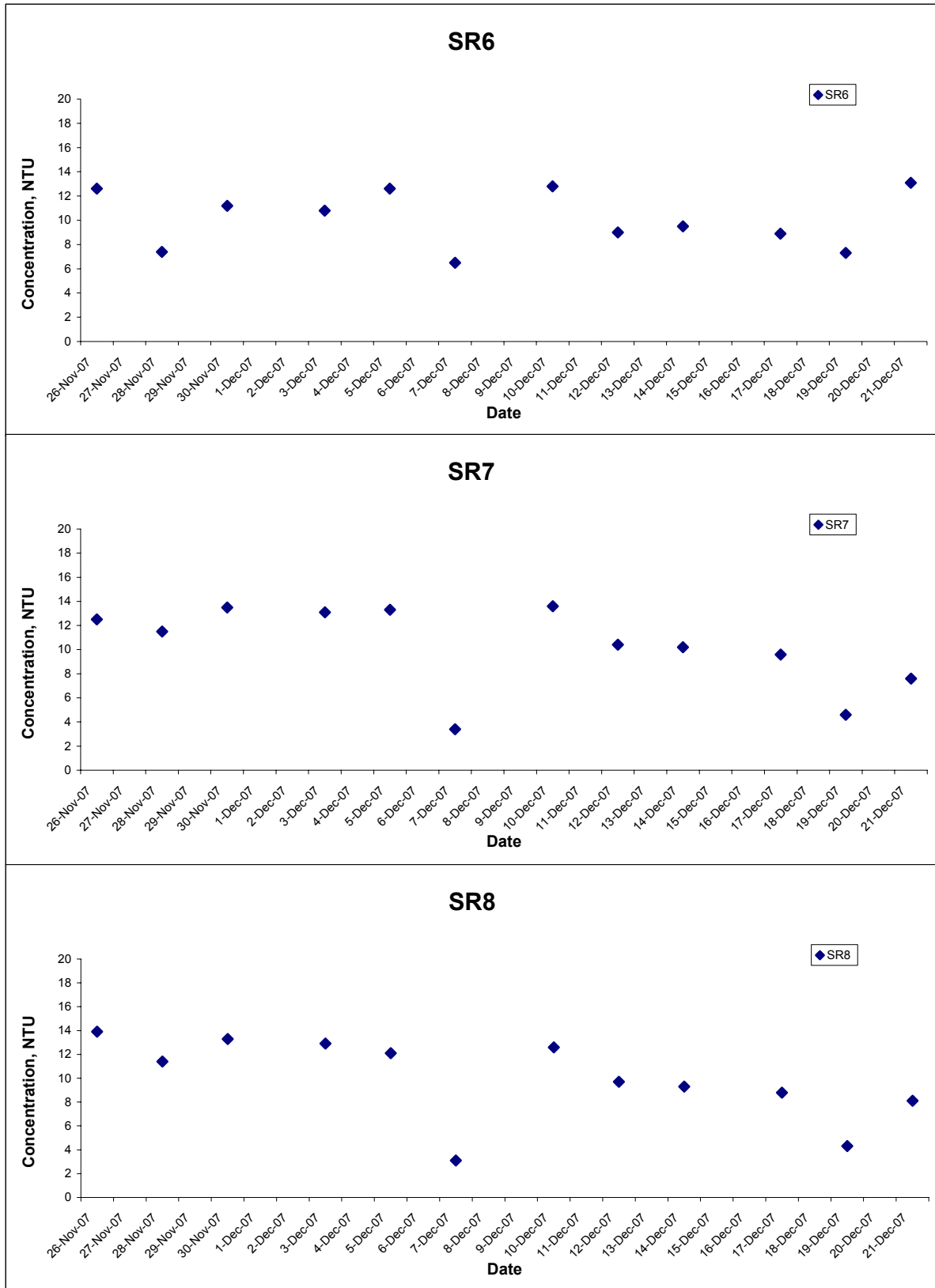
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	<b>CINOTECH</b>
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Flood Tide



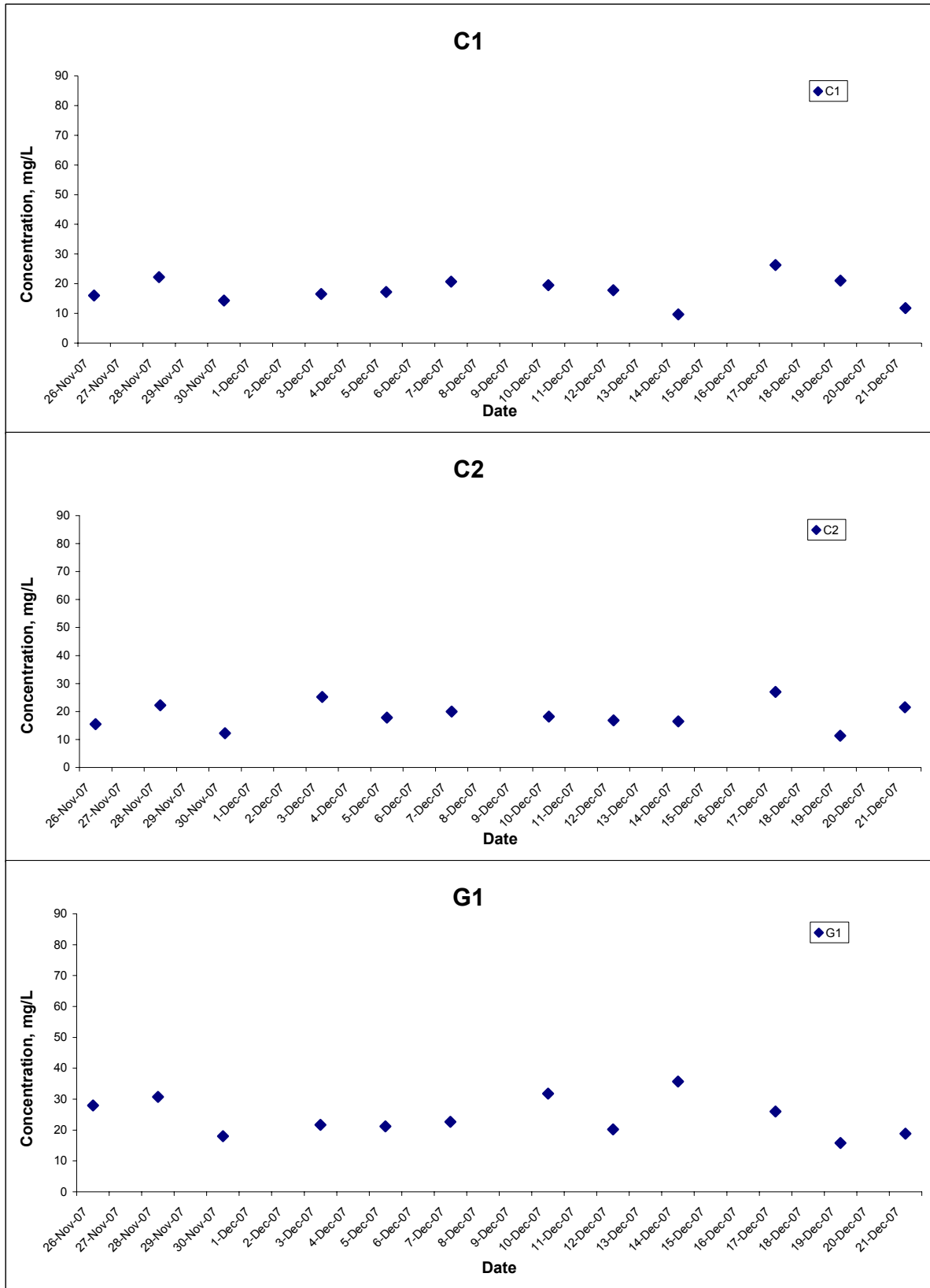
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	<b>CINOTECH</b>
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Turbidity (Depth-averaged) at Mid-Flood Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	<b>CINOTECH</b>
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

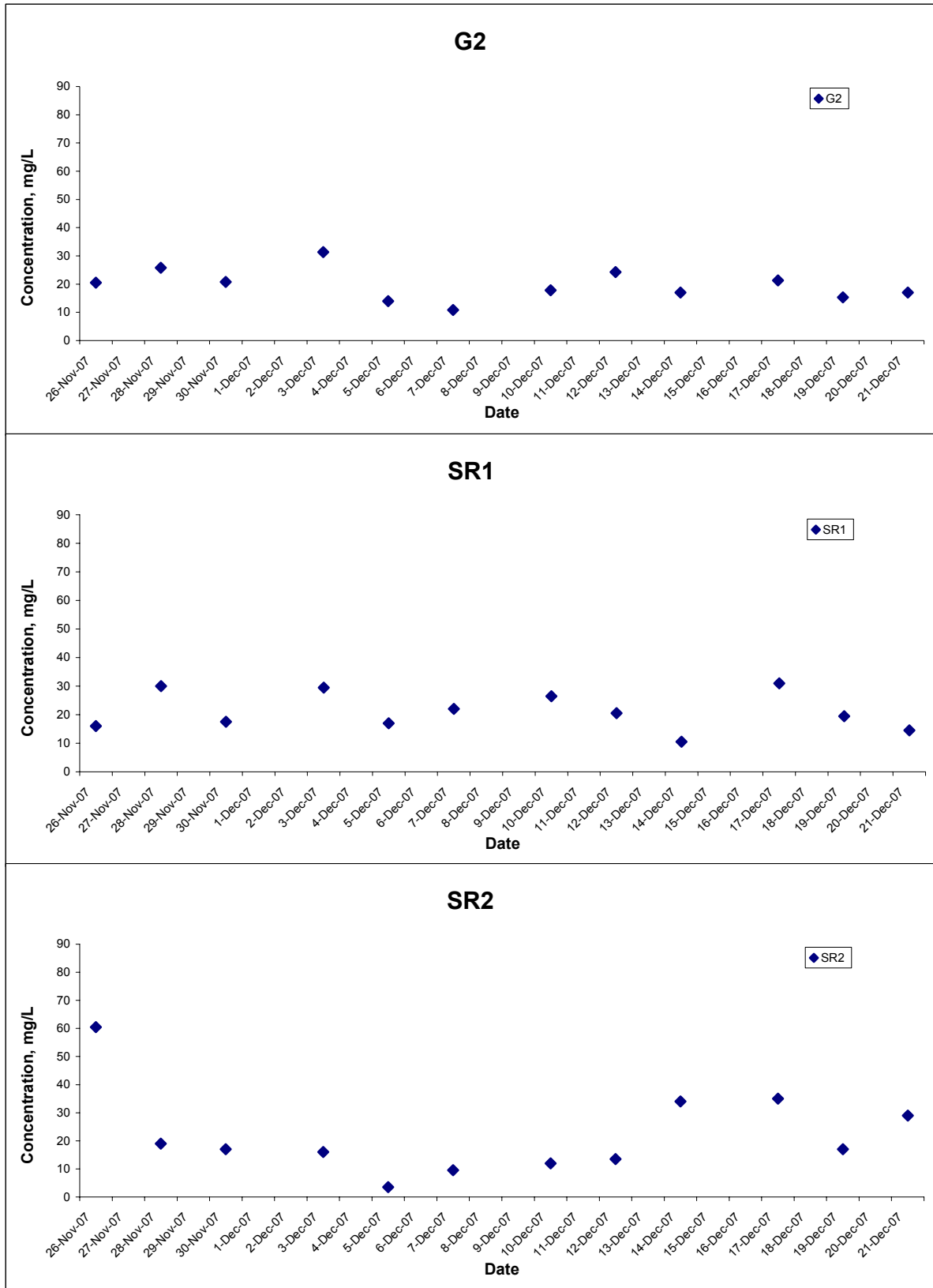
## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

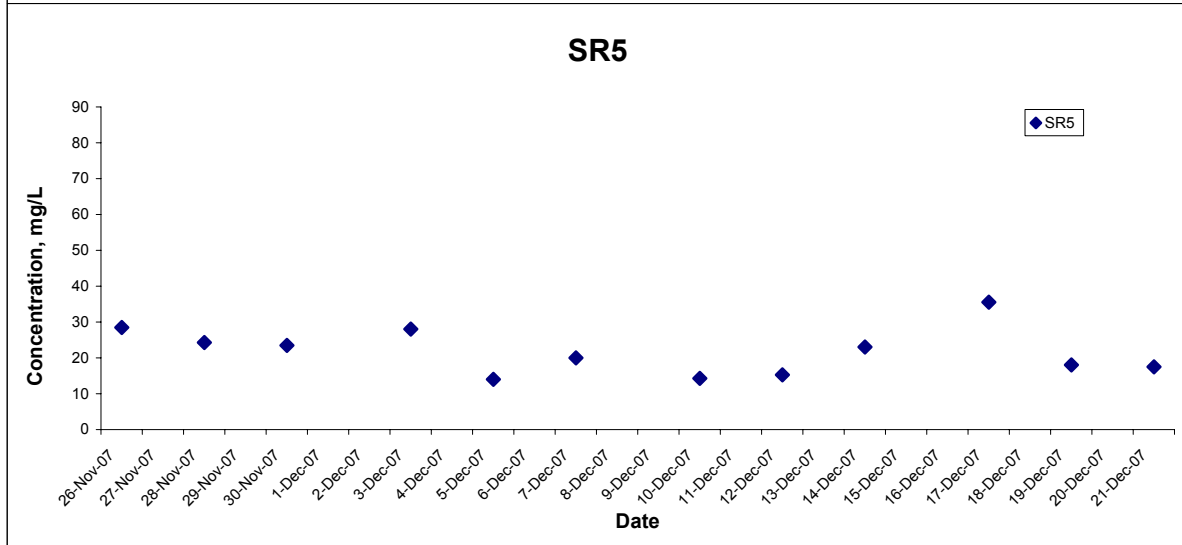
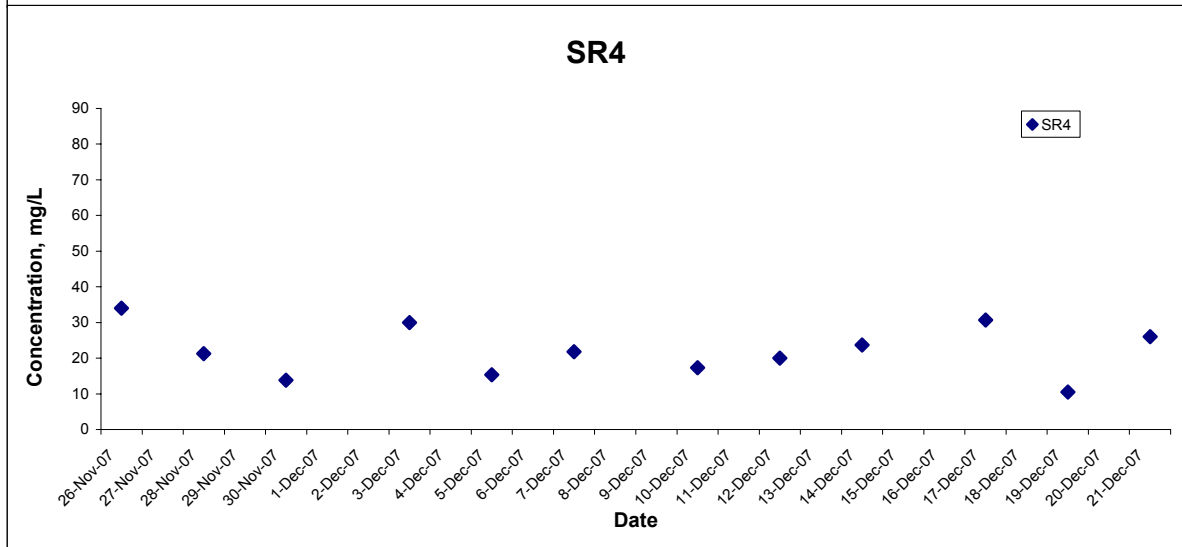
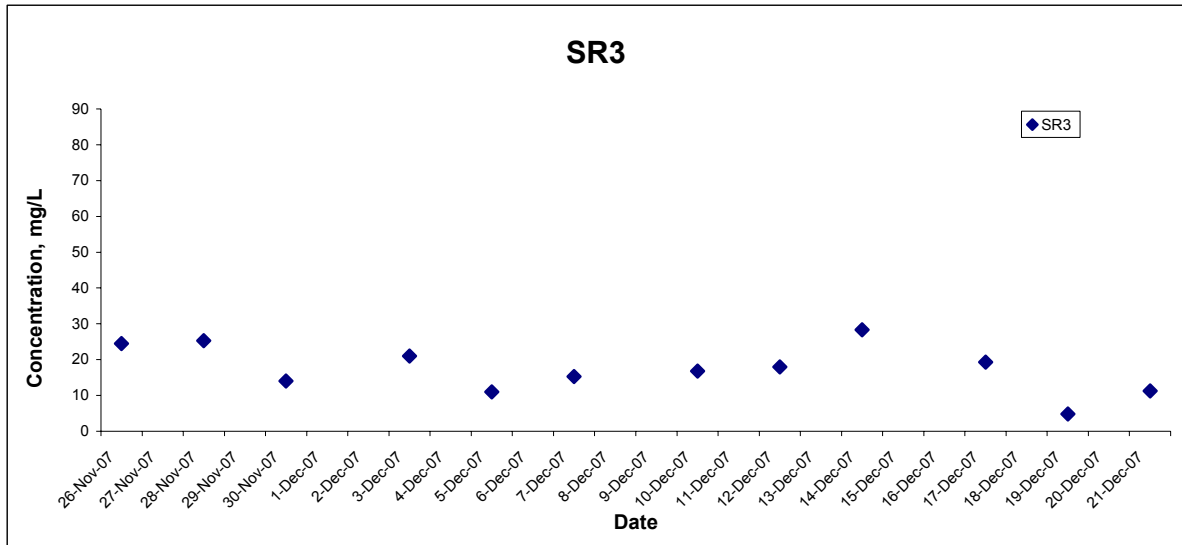


## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



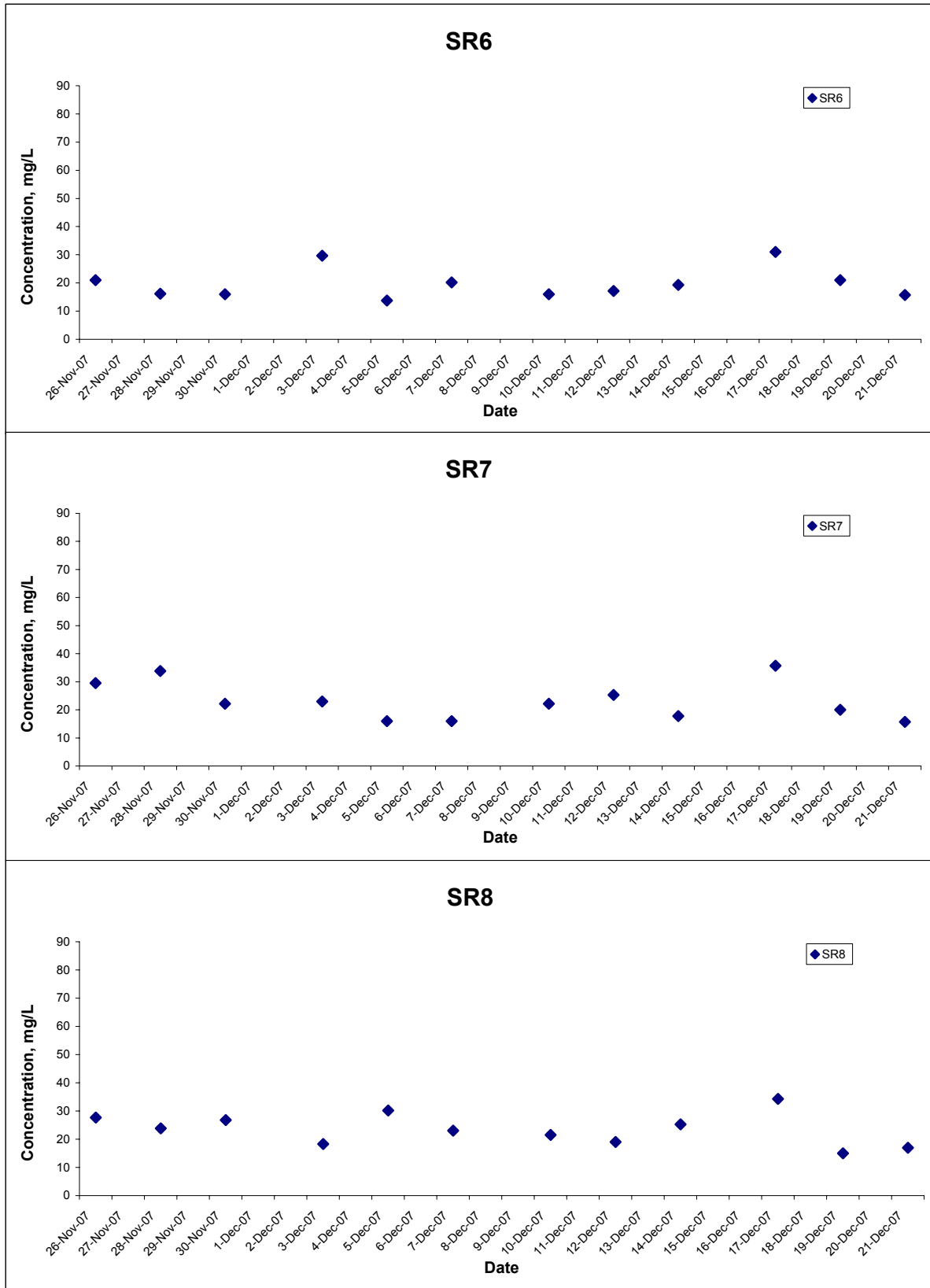
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



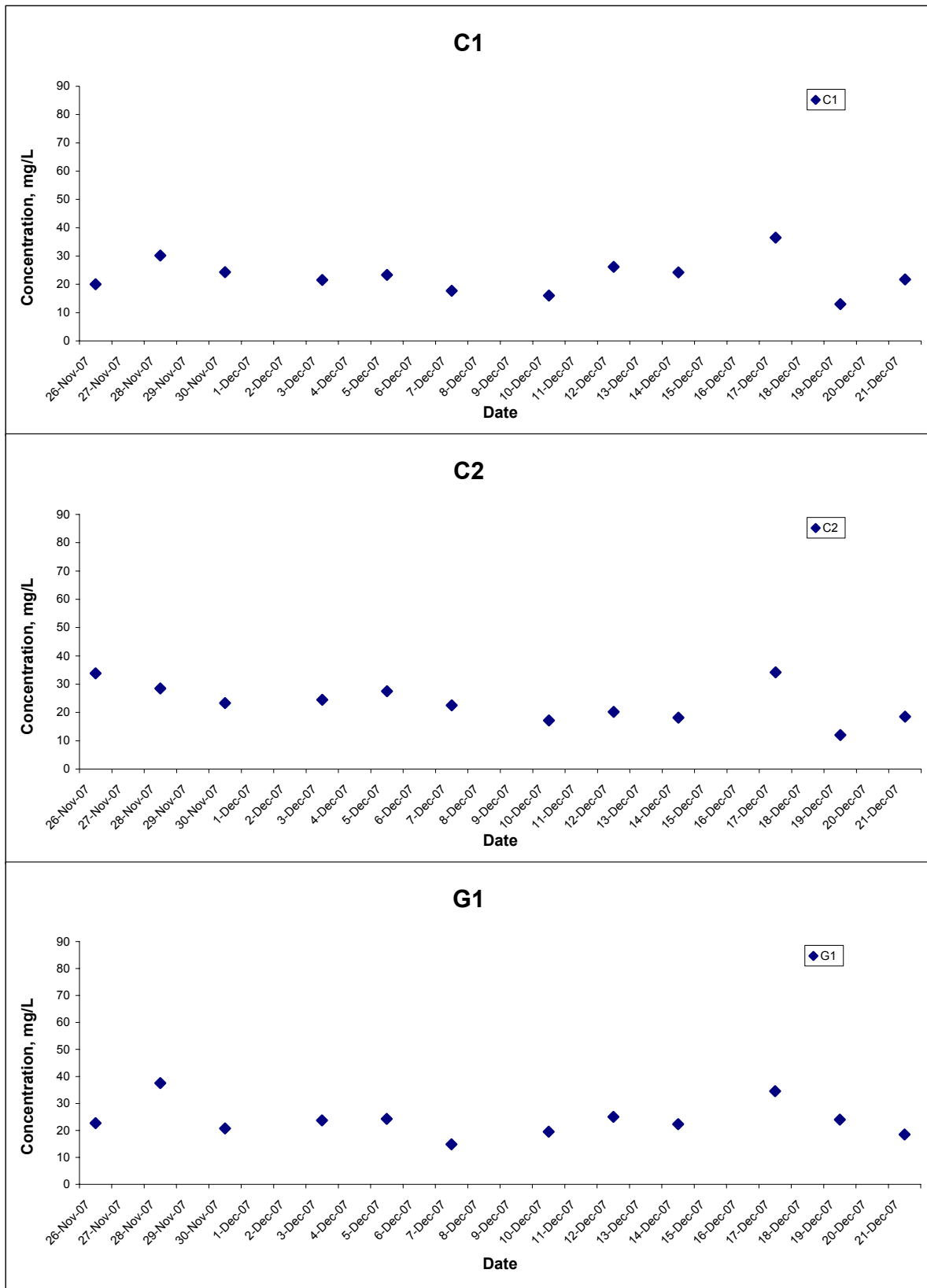
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



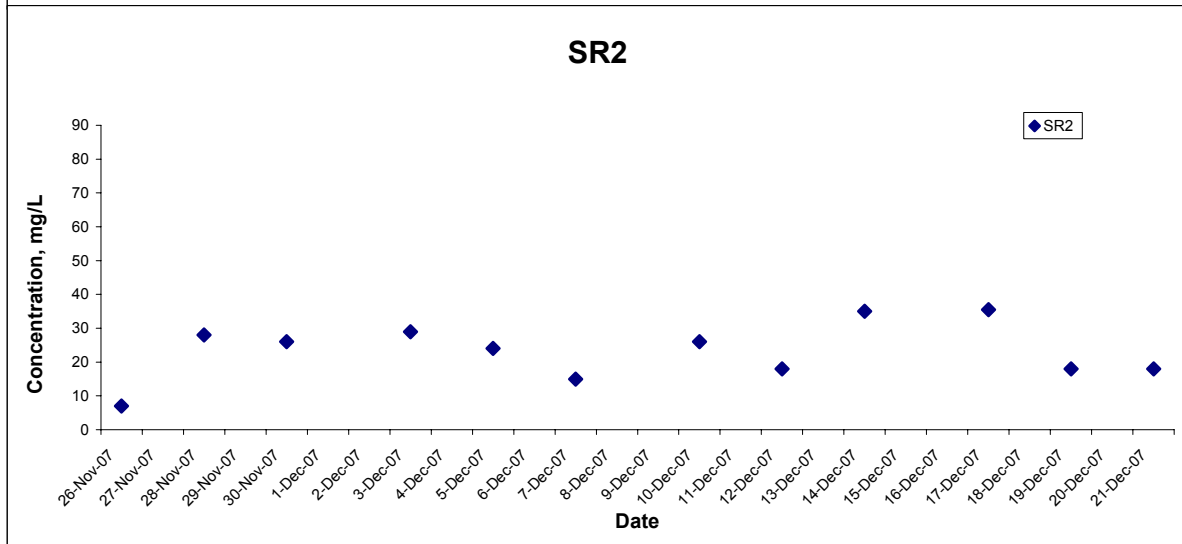
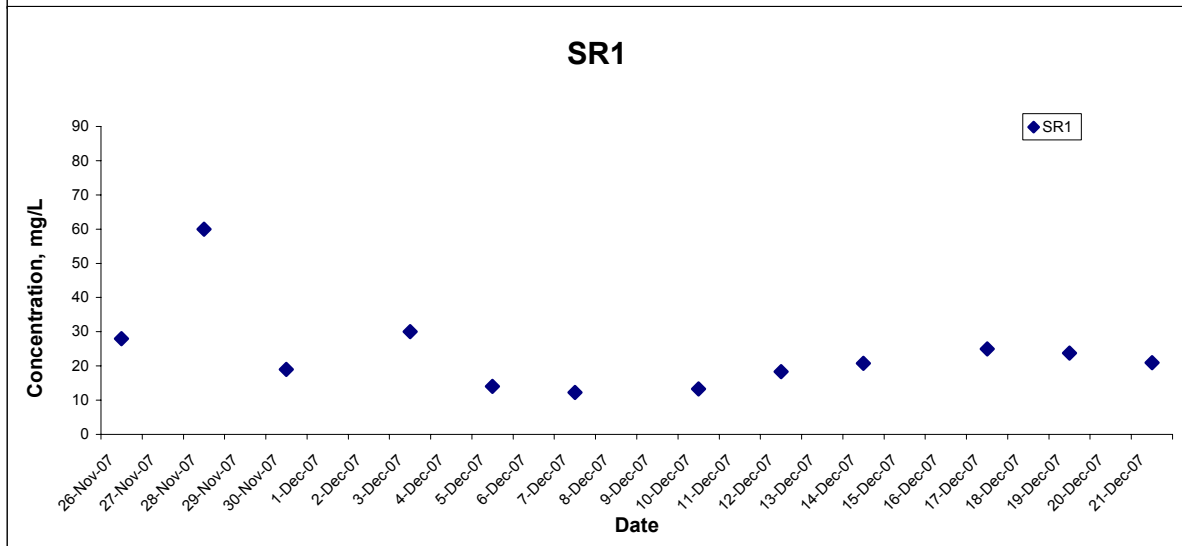
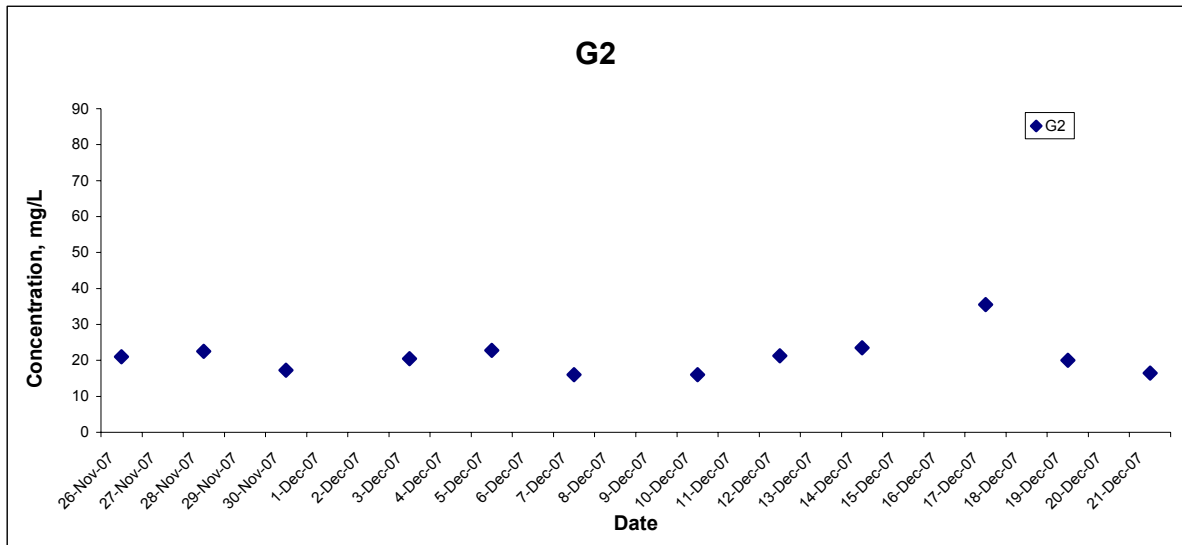
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



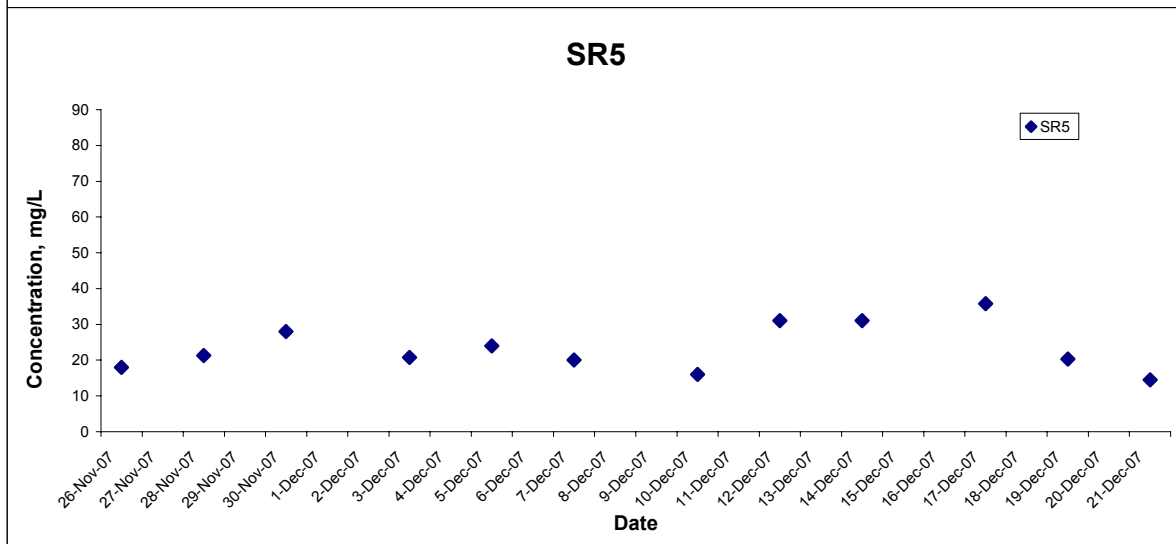
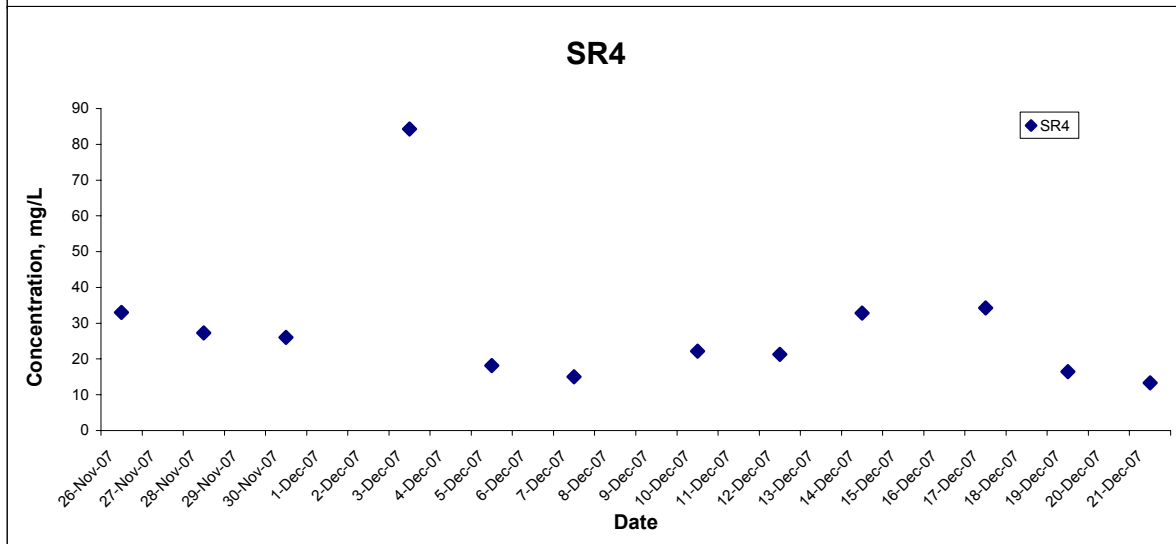
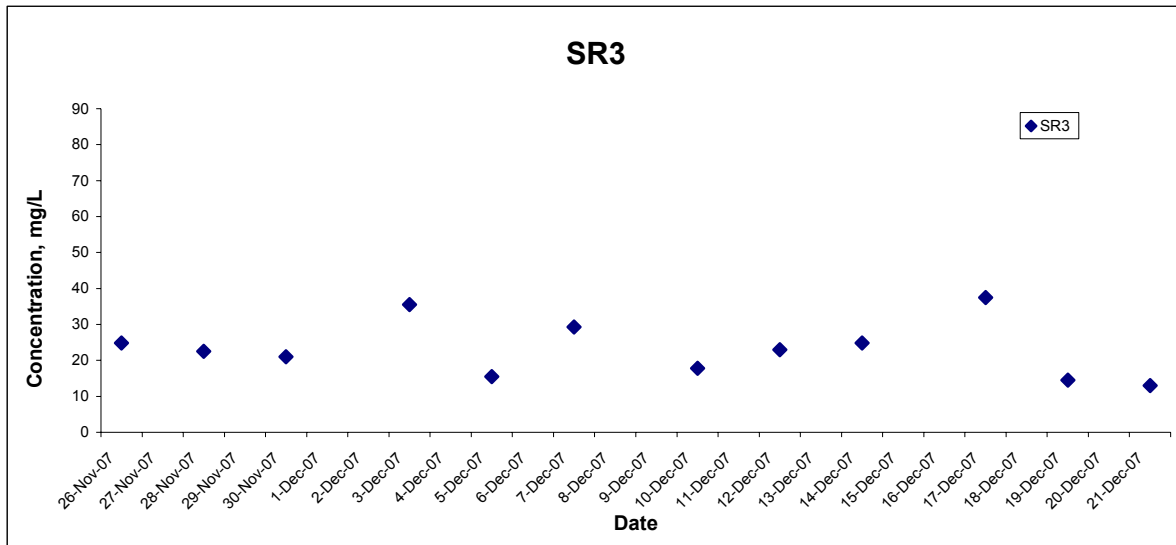
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



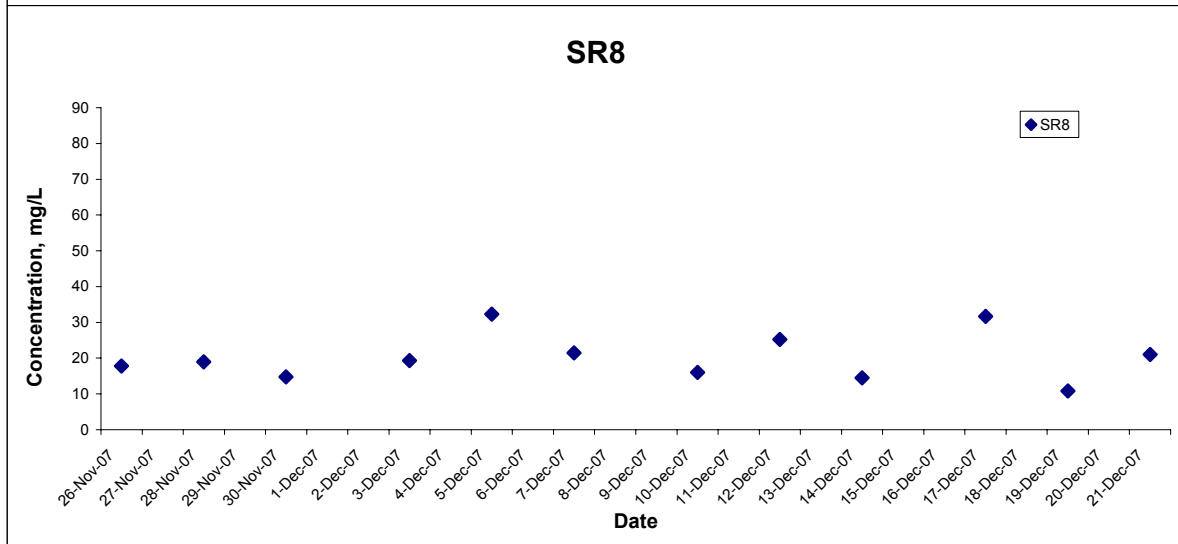
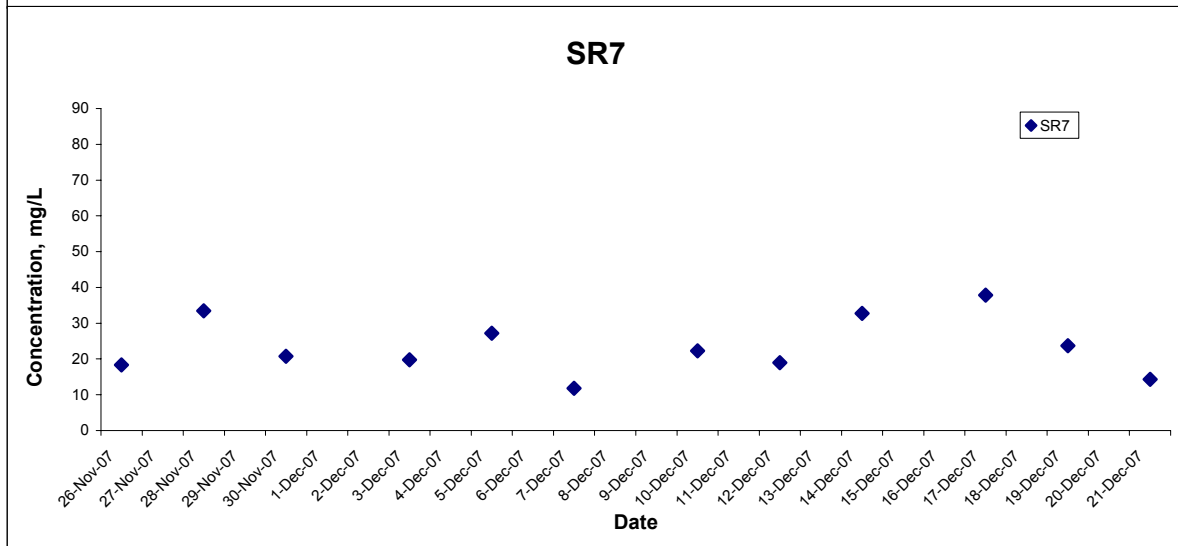
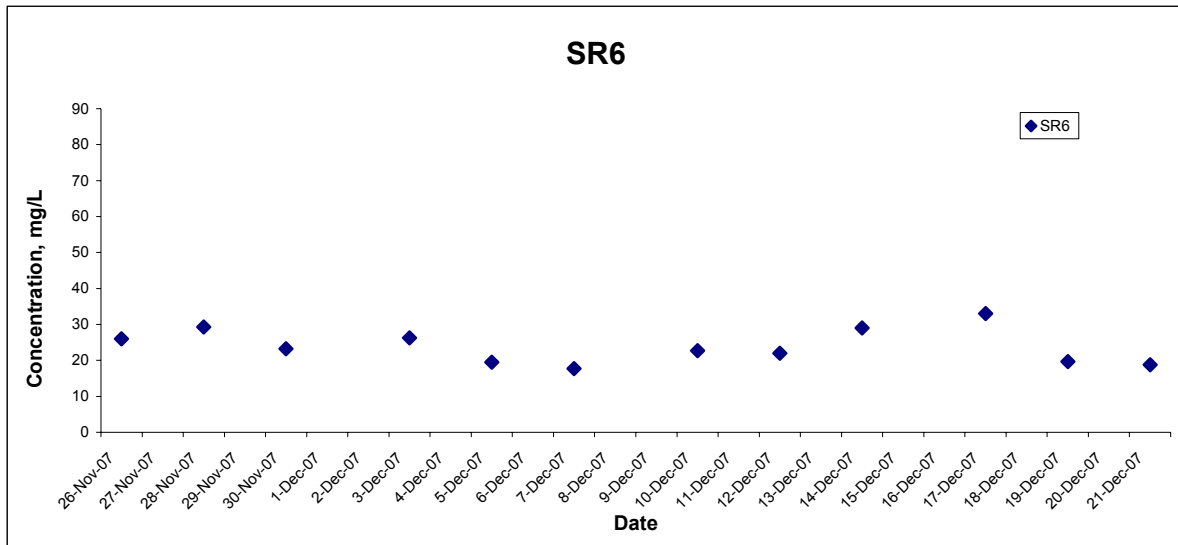
Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



Title	Emission Control Project at Castle Peak Power Station "B"	Scale	N.T.S	Project No.	MA7038	CINOTECH
	Graphical Presentation of Baseline Water Quality Monitoring Results	Date	Dec 07	Appendix	D	

---

---

**APPENDIX E  
WEATHER CONDITIONS DURING THE  
MONITORING PERIOD**

---

---



## Appendix E – Weather Conditions During Baseline Monitoring Period

(From 26<sup>th</sup> November to 21<sup>st</sup> December 2007)

Date	General Weather Conditions	Mean Air Temperature (°C)	Precipitation (mm)	Mean Relative Humidity (%)
26 <sup>th</sup> Nov 07	Sunny	19.8	0.9	65
28 <sup>th</sup> Nov 07	Sunny	19.1	1.0	64
30 <sup>th</sup> Nov 07	Sunny	18.5	1.9	63
3 <sup>rd</sup> Dec 07	Sunny	18.6	1.8	65
5 <sup>th</sup> Dec 07	Sunny	18.8	0.5	68
7 <sup>th</sup> Dec 07	Sunny	18.9	0.3	68
10 <sup>th</sup> Dec 07	Sunny	18.4	0.6	68
12 <sup>th</sup> Dec 07	Sunny	17.8	0.6	40
14 <sup>th</sup> Dec 07	Sunny	17.5	0.2	66
17 <sup>th</sup> Dec 07	Sunny	17.6	0.9	69
19 <sup>th</sup> Dec 07	Sunny	17.6	1.2	69
21 <sup>st</sup> Dec 07	Sunny	17.5	0.7	68

*Note: Information provided from the Hong Kong Observatory*

---

---

**APPENDIX F  
BASELINE WATER QUALITY  
MONITORING SCHEDULE**

---

---

**Emission Control Project at Castle Peak Power Station "B"**  
**Baseline Water Quality Monitoring Schedule for November 2007**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1-Nov	2-Nov	3-Nov
4-Nov	5-Nov	6-Nov	7-Nov	8-Nov	9-Nov	10-Nov
11-Nov	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov
18-Nov	19-Nov	20-Nov	21-Nov	22-Nov	23-Nov	24-Nov
25-Nov	26-Nov	27-Nov	28-Nov	29-Nov	30-Nov	1-Dec
	Mid-Flood 08:53 Mid-Ebb 14:01		Mid-Flood 10:41 Mid-Ebb 15:31		Mid-Ebb 07:00 Mid-Flood 16:30	

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

**Emission Control Project at Castle Peak Power Station "B"  
Baseline Water Quality Monitoring Schedule for December 2007**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Dec
<b>2-Dec</b>	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec
	Mid-Ebb 07:52 Mid-Flood 15:03		Mid-Ebb 09:59 Mid-Flood 15:59		Mid-Ebb 11:33 Mid-Flood 16:46	
<b>9-Dec</b>	10-Dec	11-Dec	12-Dec	13-Dec	14-Dec	15-Dec
	Mid-Flood 08:23 Mid-Ebb 13:20		Mid-Flood 09:38 Mid-Ebb 14:28		Mid-Flood 10:58 Mid-Ebb 15:52	
<b>16-Dec</b>	17-Dec	18-Dec	19-Dec	20-Dec	21-Dec	22-Dec
	Mid-Flood 13:12 Mid-Ebb 18:00		Mid-Ebb 07:48 Mid-Flood 14:30		Mid-Ebb 10:12 Mid-Flood 15:47	
<b>23-Dec</b>	24-Dec	25-Dec	26-Dec	27-Dec	28-Dec	29-Dec

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)