

**Central Reclamation, Phase III
Quarterly EM&A Report No. 14
(November 2006 through January 2007)**

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ACL	Atkins China Limited
CEDD	Civil Engineering and Development Department
CRIII	Central Reclamation Phase III
EIA	Environmental Impact Assessment
EM&A	Environmental Monitoring and Audit
EPD	Environmental Protection Department
ER	Engineer’s Representatives
ET	Environmental Team
IEC	Independent Environmental Checker
LCSD	Leisure and Cultural Services Department
LCSVO-JV	Leighton-China State-Van Oord Joint Venture
TDD	Territory Development Department
TSP	Total Suspended Particulates

Not Used

Executive Summary

The Central Reclamation Phase III (CRIII) Works, Contract No. HK 12/02, was awarded to Leighton China State Van Oord Joint Venture (LCSVO-JV) by the Civil Engineering and Development Department (CEDD). (Previously called the Territory Development Department before merger with the Civil Engineering Department on 1 July 2004.)

The works under the Contract HK 12/02 commenced on 28 February 2003. Contract HK 16/03 for the CRIII Hinterland Drainage Improvement Works was awarded to Wang Kee Construction Co. Ltd., and works for this contract commenced on 17 December 2003.

Atkins China Limited (ACL) has been commissioned by CEDD as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) programme described in the approved EM&A Manual for the CRIII Project.

This is the 14th quarterly EM&A Report for the works specified in Section 1.3 of the CRIII EIA Report. This report summarises the monitoring results and audit findings of the EM&A program during the reporting period from 1 November 2006 to 31 January 2007.

Environmental Monitoring and Audit Progress

Air, Noise and water quality monitoring were conducted during this quarter. Weekly environmental site inspections were also conducted during the reporting quarter.

Exceedance of Action and Limit Levels

In November 2006 and January 2007:

1 AL exceedances in 1-hour TSP levels has been recorded at the City Hall monitoring station during the reporting period. On 22-Nov 2006, it was foggy during the sampling period with visibility less than 4 km as reported by the HK Observatory. Such condition would have interfered the hand-held TSP meter which works on light scattering principle. This exceedance is considered not likely to be attributed to CRIII project works.

Noise exceedances were recorded on the 10 November 2006, nighttimes (19:00 ~07:00) 15 December 2006 and 8 January 2007 at the City Hall monitoring station. On 10 November 2006, there were no major project-related works undertaken near City Hall during the reporting period. Therefore, the exceedance was not attributed to the project works. On 15 December 2006, there were Demolition Works during 1900 (15 Dec 2006) to 0700 (16 Dec 2006) and activities noise from protesters. The relative magnitude of these two sources cannot be ascertained. On 8, 19 and 21 January 2007, there were activities organized by the Government right and public in front of the City Hall during the monitoring period and it is therefore unlikely that the noise exceedances were caused by project works.

Executive Summary

Water quality exceedances for this quarter are tabulated below:

Date	Tide	Parameter	Exceedance	Station
02-Nov-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M6, M11 and M12
		SS	AL	M6
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	LL	M12
04-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M5, M6, M8(B), M11 and M12
		SS	AL	M1A
	Mid-Flood	DO	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
		SS	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
		LL	M12	
06-Nov-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M11 and M12
08-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M3
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M3 and M5
09-Nov-06	(After dredging work)	SS	LL	M4A
10-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M1A and M5
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(S/M), M8(B), M10(B), M11 and M12
13-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M10(B), M11 and M12
		SS	AL	M4A
15-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(S/M), M10(B), M11 and M12
		SS	AL	M3
	Mid-Flood	DO	AL	M1A, M2, M3, M4A, M5, M6, M10(S/M), M10(B), M11 and M12
17-Nov-06	Mid-Ebb	DO	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M4A, M5, M6, M8(B), M10(B) and M12
20-Nov-06	Mid-Ebb	DO	AL	M1, M2, M3, M4A, M5, M6, M8(S/M), M8(B), M10(S/M), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1, M2, M3, M4A, M5, M6, M8(S/M), M8(B), M10(S/M), M10(B), M11 and M12
22-Nov-06	Mid-Ebb	DO	AL	M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M4A, M5, M6, M8(B), M10(B) and M12

Date	Tide	Parameter	Exceedance	Station
24-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M8(S/M), M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(S/M), M11 and M12
25-Nov-06	Mid-Flood	SS	AL	M3
27-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12
28-Nov-06	Mid-Flood	SS	AL	M4A
29-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12
01-Dec-06	Mid-Ebb	DO	AL	M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M4A, M5, M6 and M12
04-Dec-06	Mid-Ebb	DO	AL	M5
	Mid-Flood	DO	AL	M5
06-Dec-06	Mid-Flood	DO	AL	M5
08-Dec-06	Mid-Ebb	DO	AL	M3 and M5
	Mid-Flood	DO	AL	M5, M6 and M12
11-Dec-06	Mid-Ebb	DO	AL	M5, M8(B) and M10(B)
	Mid-Flood	DO	AL	M1A, M2A, M5, M6, M8(B), M10(B) and M11
13-Dec-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
15-Dec-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12
18-Dec-06	Mid-Ebb	DO	AL	M5
	Mid-Flood	DO	AL	M5
		SS	AL	M4A
19-Dec-06	Mid-Flood	SS	AL	M4A
20-Dec-06	Mid-Ebb	SS	AL	M4A
	Mid-Flood	SS	AL	M4A
22-Dec-06	Mid-Flood	SS	AL	M4A
		SS	LL	M3
25-Dec-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M2A, M3, M4A, M6 and M12
		SS	AL	M4A
27-Dec-06	Mid-Flood	DO	AL	M4A
29-Dec-06	Mid-Flood	DO	AL	M6

Executive Summary

Date	Tide	Parameter	Exceedance	Station
18-Jan-07	Mid-Flood	SS	LL	M3
26-Jan-07	Mid-Ebb	SS	LL	M3
30-Jan-07	Mid-Ebb	SS	LL	M3

Complaint Log

There were no complaints received in relation to environment impact during the reporting period.

Notifications of Summons and Prosecutions

There were no notifications of summons or prosecutions received during this reporting quarter.

Site Inspection and Audit

Weekly environmental site inspections were carried out during this quarter. Minor deficiencies noted during the site inspections were rectified by the Contractor upon receipt of notification.

1. INTRODUCTION

1.1 Basic Project Information

The Main Works Contract HK 12/02 for CRIII commenced on 28th February 2003 and was awarded to Leighton-China State-Van Oord Joint Venture (LCSVO-JV) for the construction of the CRIII Engineering Works. The main construction works that were identified in the EIA Report for the Project, requiring environmental monitoring and audit, have commenced.

This is the 12th quarterly EM&A Report for the works specified in Section 1.3 of the CRIII EIA Report. This report summarises the monitoring results and audit findings of the EM&A program during the reporting period from 1 August 2006 to 31 October 2006.

The Contractor's works programme for the quarter is provided in **Annex E**.

1.2 Project Organisation and Management Structure

Atkins China Limited (ACL) has been commissioned by CEDD as the Environmental Team (ET) to undertake the Environmental Monitoring and Audit (EM&A) programme described in the approved EM&A Manual and required under Clause 4 of the Further Environmental Permit (No. FEP-01/122/2003) issued to Leighton-China State-Van Oord Joint Venture in May 2005 for the CRIII Project. An Independent Environmental Checker (IEC) has been employed to audit the EM&A programme.

The CRIII Project Organisation is shown in **Annex A**.

1.3 Works Undertaken

The works undertaken in the project area requiring environmental monitoring and audit as identified in the EIA Report (not including Chai Wan Basin) during the quarter included:

- Dredging in FRAW
- Site Investigation in FRAW
- Demolition of the former Star Ferry Piers;
- Remedial and outstanding works at and around Piers 7 & 8 and the CTB;
- Finishing works at Public Pier West;
- Final connection and the Testing and Commissioning and the trial run of Pump Stations P9.1;
- MYS Footbridge –roof construction;
- General filling works above +2.5 mPD in IRAE;
- Construction of storm and foul drainage in hinterlands for Road P2, Road D7 and Road D8;
- Remedial works to, and the extension of, Culvert F in existing land;
- Structural works for Culvert J extension in IRAE;
- Excavation for PLA cooling water intake in IRAE; and
- Temporary works for Road P2 Underpass.

Not Used

2. EM&A REQUIREMENTS

2.1 Summary of Impact EM&A Requirements

The EM&A programme requires environmental monitoring for air quality, noise, waster quality, waste management and landscape and visual aspects as specified in the CRIII Project EIA. The EM&A requirements for each issue area are described in subsequent sections including:

- All required monitoring parameters;
- Action and Limit Levels; and
- Event-Action Plans.

A summary of impact EM&A requirements is presented in **Table 2-1**.

Table 2.1 - Summary of Impact EM&A Requirements

Parameters	Descriptions	Locations	Frequencies	Duration
TSP	24-Hour TSP	2 Locations	Once every 6 days	During dust generating construction works
	1-Hour TSP	2 Locations	Three times in every 6 days	During dust generating construction works
Noise	Leq (30 mins), L ₁₀ , L ₉₀ .	1 Location	Continuous measurements	Two weeks before Construction and During Construction
Water Quality	Dissolved Oxygen; Salinity; Temp; Suspended Solids; Turbidity.	14 Locations	3 times a week, Mid-ebb/flood tides	During Marine Works and for 4 weeks after completion of Marine Works
Waste	On-Site Waste Audit	Active Work Sites	Periodically	During Construction
	On-Site Waste Inspection			
Landscape and Visual	Audits to ensure effective implementation of mitigation measures			During Construction
General Site Conditions	Environmental Site Inspection	Works areas and areas affected by works	Periodically	During Construction

2.2 Environmental Quality Performance Limits

Environmental Quality Performance Limits for air, noise and water quality have been established as part of the Baseline Monitoring Report and are provided in **Annex B**.

2.3 Event Action Plan

Event Action Plans for air, noise and water quality have been developed as part of the Baseline Monitoring Report and are provided in **Annex C**.

3. ENVIRONMENTAL STATUS

3.1 Implementation of Environmental Measures

The Contractor has implemented relevant mitigation measures listed in the EIA Report, EM&A Manual and Further Environmental Permit.

3.2 Environmental Monitoring Locations

Drawings showing the project area and locations of the monitoring stations are provided in **Annex D**.

3.3 Air Quality Monitoring Results

The graphical plot of air quality monitoring results is provided in **Annex F**.

3.4 Noise Quality Monitoring Results

The graphical plot of noise monitoring results for this quarter is provided in **Annex G**.

3.5 Water Quality Monitoring Results

The graphical plot of water quality monitoring results for this quarter is provided in **Annex H**.

3.6 Solid and Liquid Waste Management Status

Solid and liquid waste management was implemented according to the Waste Management Plan during the reporting quarter.

3.7 Landscape and Visual Audit

As the works undertaken during the reporting quarter were mainly related to reclamation, buildings and infrastructure works, the landscape and visual impacts are considered to be minimal.

Not Used

4. ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE

4.1 Environmental Exceedances

In November 2006 and January 2007:

1 AL exceedances in 1-hour TSP levels has been recorded at the City Hall monitoring station during the reporting period. On 22-Nov 2006, it was foggy during the sampling period with visibility less than 4 km as reported by the HK Observatory. Such condition would have interfered the hand-held TSP meter which works on light scattering principle. This exceedance is considered not likely to be attributed to CRIII project works.

Noise exceedances were recorded on the 10 November 2006, nighttimes (19:00 ~07:00) 15 December 2006 and 8 January 2007 at the City Hall monitoring station. On 10 November 2006, there were no major project-related works undertaken near City Hall during the reporting period. Therefore, the exceedance was not attributed to the project works. On 15 December 2006, there were Demolition Works during 1900 (15 Dec 2006) to 0700 (16 Dec 2006) and activities noise from protesters. The relative magnitude of these two sources cannot be ascertained. On 8, 19 and 21 January 2007, there were activities organized by the Government and public right in front of the City Hall during the monitoring period and it is therefore unlikely that the noise exceedances were caused by project works.

Water quality exceedances for the quarter are given below: -

Date	Tide	Parameter	Exceedance	Station
02-Nov-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M6, M11 and M12
		SS	AL	M6
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	LL	M12
04-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M5, M6, M8(B), M11 and M12
		SS	AL	M1A
	Mid-Flood	DO	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
		SS	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
		LL	M12	
06-Nov-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M11 and M12
08-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M3
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M3 and M5
09-Nov-06	(After dredging work)	SS	LL	M4A

Date	Tide	Parameter	Exceedance	Station
10-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
		SS	AL	M1A and M5
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(S/M), M8(B), M10(B), M11 and M12
13-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M10(B), M11 and M12
		SS	AL	M4A
15-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(S/M), M10(B), M11 and M12
		SS	AL	M3
	Mid-Flood	DO	AL	M1A, M2, M3, M4A, M5, M6, M10(S/M), M10(B), M11 and M12
17-Nov-06	Mid-Ebb	DO	AL	M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M4A, M5, M6, M8(B), M10(B) and M12
20-Nov-06	Mid-Ebb	DO	AL	M1, M2, M3, M4A, M5, M6, M8(S/M), M8(B), M10(S/M), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1, M2, M3, M4A, M5, M6, M8(S/M), M8(B), M10(S/M), M10(B), M11 and M12
22-Nov-06	Mid-Ebb	DO	AL	M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M4A, M5, M6, M8(B), M10(B) and M12
24-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M8(S/M), M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(S/M), M11 and M12
25-Nov-06	Mid-Flood	SS	AL	M3
27-Nov-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12
28-Nov-06	Mid-Flood	SS	AL	M4A
29-Nov-06	Mid-Ebb	DO	AL	M1A, M2, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12
01-Dec-06	Mid-Ebb	DO	AL	M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M4A, M5, M6 and M12
04-Dec-06	Mid-Ebb	DO	AL	M5
	Mid-Flood	DO	AL	M5
06-Dec-06	Mid-Flood	DO	AL	M5
08-Dec-06	Mid-Ebb	DO	AL	M3 and M5
	Mid-Flood	DO	AL	M5, M6 and M12
11-Dec-06	Mid-Ebb	DO	AL	M5, M8(B) and M10(B)
	Mid-Flood	DO	AL	M1A, M2A, M5, M6, M8(B), M10(B) and M11
13-Dec-06	Mid-Ebb	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B) and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M8(B), M10(B), M11 and M12
15-Dec-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M1A, M2A, M3, M4A, M5, M6, M11 and M12

Date	Tide	Parameter	Exceedance	Station
18-Dec-06	Mid-Ebb	DO	AL	M5
	Mid-Flood	DO	AL	M5
		SS	AL	M4A
19-Dec-06	Mid-Flood	SS	AL	M4A
20-Dec-06	Mid-Ebb	SS	AL	M4A
	Mid-Flood	SS	AL	M4A
22-Dec-06	Mid-Flood	SS	AL	M4A
		SS	LL	M3
25-Dec-06	Mid-Ebb	DO	AL	M1A, M3, M4A, M5, M6, M11 and M12
	Mid-Flood	DO	AL	M2A, M3, M4A, M6 and M12
		SS	AL	M4A
27-Dec-06	Mid-Flood	DO	AL	M4A
29-Dec-06	Mid-Flood	DO	AL	M6
18-Jan-07	Mid-Flood	SS	LL	M3
26-Jan-07	Mid-Ebb	SS	LL	M3
30-Jan-07	Mid-Ebb	SS	LL	M3

Exceedances of the AL for DO were observed on the 2, 4, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27, 29-Nov 2006, 1, 4, 6, 8, 11, 13, 15, 18, 25 and 27-Dec 2006. All exceedances observed were not expected to have been directly related to project works as no marine works nor run-off from the site were observed during the days. The exceedances could be attributed to natural variation in ambient conditions rather than the project works.

Exceedances of the AL for SS were observed at M1A (on 4 and 10-Nov 2006), M3 (on 8, 15 and 25-Nov 2006), M4A (on 13, 28-Nov 2006, 18, 19, 20, 22, 23 and 25-Dec 2006), M5 (on 8 and 11-Nov 2006) and M6 (on 2 and 4-Nov). Exceedances of LL were recorded at M3 (on 22-Dec 2006), M4A (on 9-Nov 2006, 18, 26 and 30-Jan 2007) and M12 (on 2 and 4-Nov 2006).

The exceedances for SS may have been affected by the advanced dredging works at FRAW on 8, 9, 13, 15, 28-November, 18, 19, 20, 22, 23, 25-December, 18, 26 and 30-January 2007. In accordance with the Event and Action Plan for Water Quality, the ET Leader has:

1. Confirmed the results from the Laboratory.
2. Confirmed that there were no other works in the project area.

3. Informed the IC(E) and Contractor.
4. Checked the monitoring data and confirmed that working methods were in accordance with their method statement and as described in the Certification for advanced dredging.
5. Discussed the situation with the IC(E) and Contractor with regard to improvement that could be taken.
6. Asked the Contractor to check the silt screen geotextile to ensure it is operated properly and is in place without gaps to allow SS to enter at M3

A statistical analysis (**Annex I**) of the suspended solids monitoring results found that the quarterly mean is significantly less than 1.3 times of the ambient mean recorded during the baseline period. This indicates that the Project construction works did not cause adverse impacts during the reporting period with respect to the baseline condition.

4.2 Non-Compliance

No environmental no-compliances were reported in the quarter.

4.3 Summary of Actions Taken by the Contractor

The Contractor has implemented the following measures to prevent air and water quality impacts:

- Contractor has implemented their Drainage Management Plan to Control Site Run-off for the wet season – actions completed and underway include: repair and improvement of existing bunds/sandbags on the edge of the reclamation; installation of additional bunds; compaction of soil surface and pathing where possible to prevent erosion, creation of drainage channels and soak pits.
- Provision a single *WetSep* flocculation based water treatment plant and additional settlement tanks to remove suspended solids from discharge waters;
- Provision of catch pits to collect spill over from wheel washing facilities; increased frequency of cleaning of catch-pits;
- Water browsing of haul roads and other areas of the site and covering of stockpiles.

4.4 Environmental Enquiries

No environmental enquiries were received during the reporting quarter.

4.5 Environmental Complaints and Prosecutions

No environmental complaints were received during the reporting quarter.

4.6 Record of Environmental Complaints and Summons & Prosecutions

The following table summarises all the complaints attributable to project works received (both written and verbal) and the liaison/consultation undertaken, and the actions and follow-up procedures taken.

There were no notifications of summons and prosecutions during the reporting quarter.

5. CONCLUSION

During the environmental site inspections conducted within the reporting quarter, no non-compliances were noted and no prosecutions were received during the reporting quarter.

The air and 4 noise exceedances were recorded during the quarter were considered not likely to be attributed to CRIII project works. About The noise exceedance on 15 December 2006, there were Demolition Works during 1900 (15 Dec 2006) to 0700 (16 Dec 2006) and activities noise from protesters. The relative magnitude of these two sources cannot be ascertained. On 8, 19 and 21 January 2007, there were activities organized by the Government and public right in front of the City Hall during the monitoring period and it is therefore unlikely that the noise exceedances were caused by project works.

The exceedances for SS may have been affected by the advanced dredging works at FRAW on: 8, 9, 13, 15, 28-November, 18, 19, 20, 22, 23, 25-December, 18, 26 and 30-January 2007. The ET Leader has carried out suitable procedure base on the Event and Action Plan for Water Quality.

Annex A

Project Organisation/ Contact Information

Annex B

***Quality Performance Limits for
Air, Noise and Water Quality***

Annex C

Event Action Plans for Air, Noise and Water Quality

Annex D

Monitoring Stations Locations

Annex E

Contractor's Work Programme

Annex F

***Graphical Representation of
Air Quality Monitoring Results***

Annex G

***Graphical Representation of
Noise Monitoring Results***

Annex H

***Graphical Representation of
Water Quality Monitoring Results***

Annex I

***Quarterly Assessment of Construction
Impacts on Suspended Solids***