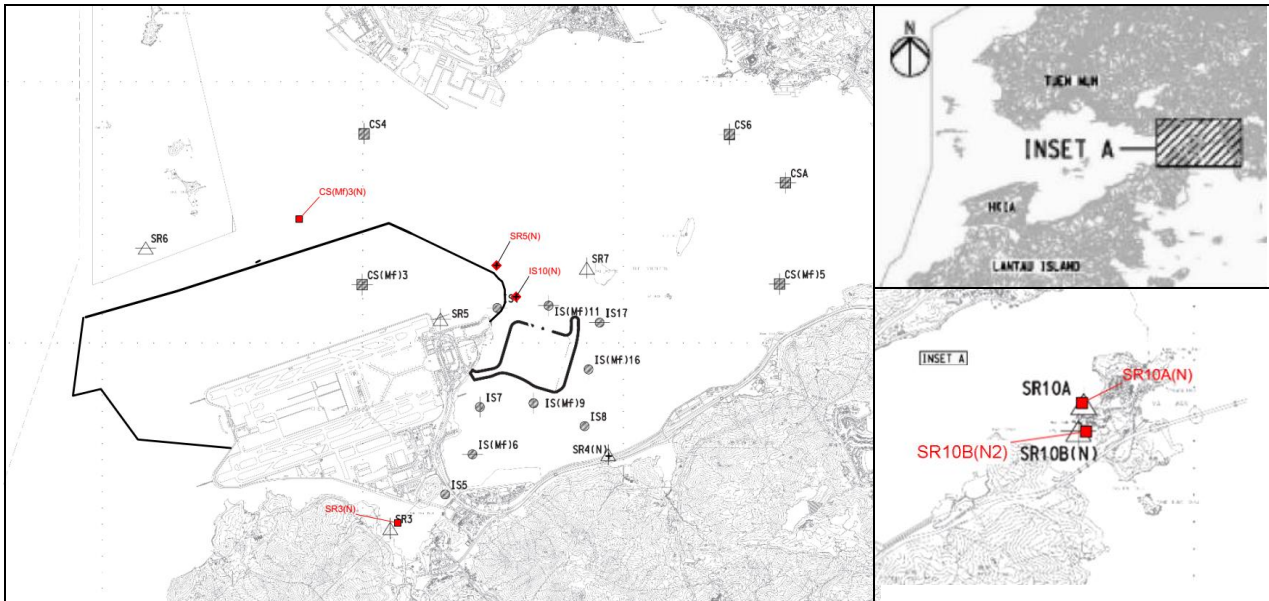


<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b> <span style="float: right;">Notification No.: 20171103SS</span>						
<b>Date of Notification:</b> 10 November 2017				<b>Date of Investigation Report:</b> 14 November 2017		
<b>Works Inspected:</b> Data collected from water sampling works on 3 November 2017 and the results were issued on 10 November 2017						
<b>Monitoring Location:</b> Water Quality Monitoring Station						
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / <del>Suspended Solid (SS)</del> / <del>Turbidity (TURB)</del>						
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>						
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)11	Depth Average	23.5 and 120% (i.e. 15.7 for mid-ebb/13.8 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 17.0 for mid-ebb/14.9 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	10.8	<b>26.6</b>
	SR5(N)				14.8	<b><u>37.8</u></b>
	SR6				<b>25.9</b>	14.1
	SR7				13.6	<b>33.7</b>
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b>Bold with underline</b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA						

**Possible reason for Action / Limit Level Non-compliance:**

On 3 November 2017, one AL exceedance of SS at SR6 was recorded during mid-ebb tide. Two AL exceedances of SS at IS(Mf)11 and SR7 were recorded during mid-flood tide. One LL exceedance of SS at SR5(N) was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 3 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong

Title: Environmental Team Representative

Signature: 

Date: 14 November 2017

Checked by: Keith Chau

Title: Environmental Team Leader

Signature: 

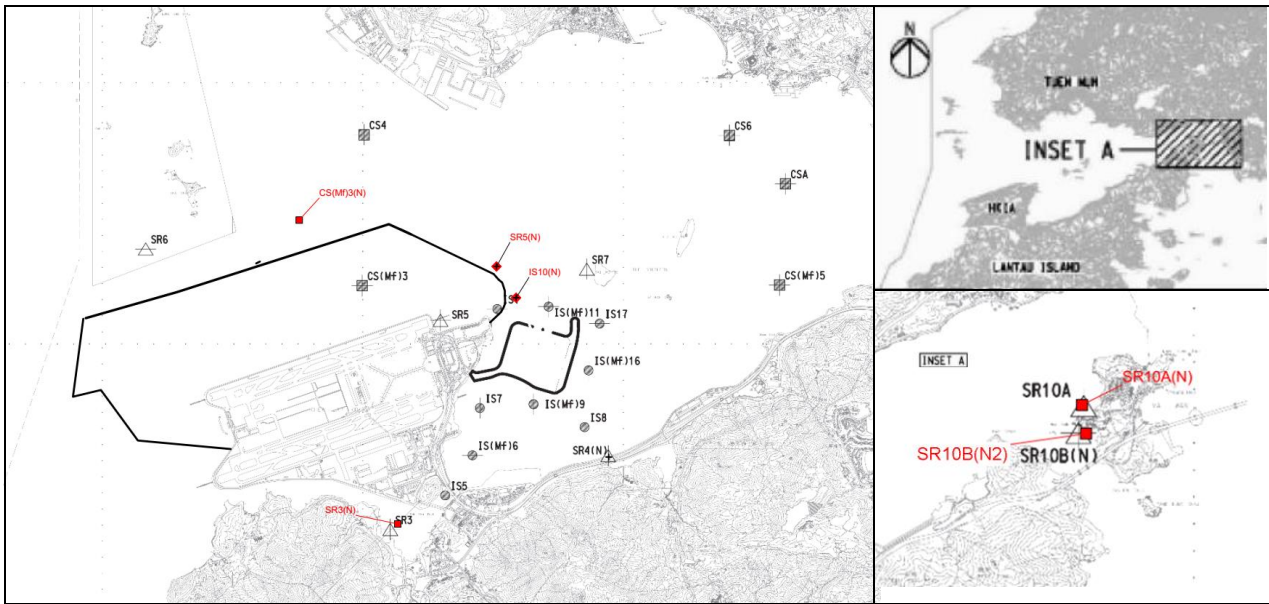
Date: 14 November 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171106SS
<b>Date of Notification:</b> 15 November 2017				<b>Date of Investigation Report:</b> 16 November 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 6 November 2017 and the results were issued on 14 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	IS(Mf)6	Depth Average	23.5 and 120% (i.e. 15.9 for mid-ebb/19.8 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 17.2 for mid-ebb/21.4 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	10.0	<b>27.2</b>	
	IS(Mf)16				11.5	<b>25.1</b>	
	SR7				10.3	<b>25.5</b>	
	SR10A				15.0	<b>26.0</b>	
	SR10B(N)				7.9	<b>25.2</b>	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b><u>Bold with underline</u></b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**

On 6 November 2017, five AL exceedances of SS at IS(Mf)6, IS(Mf)16, SR7, SR10A and SR10B(N) were recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 6 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong Title: Environmental Team Representative

Signature:  Date: 16 November 2017

Checked by: Keith Chau Title: Environmental Team Leader

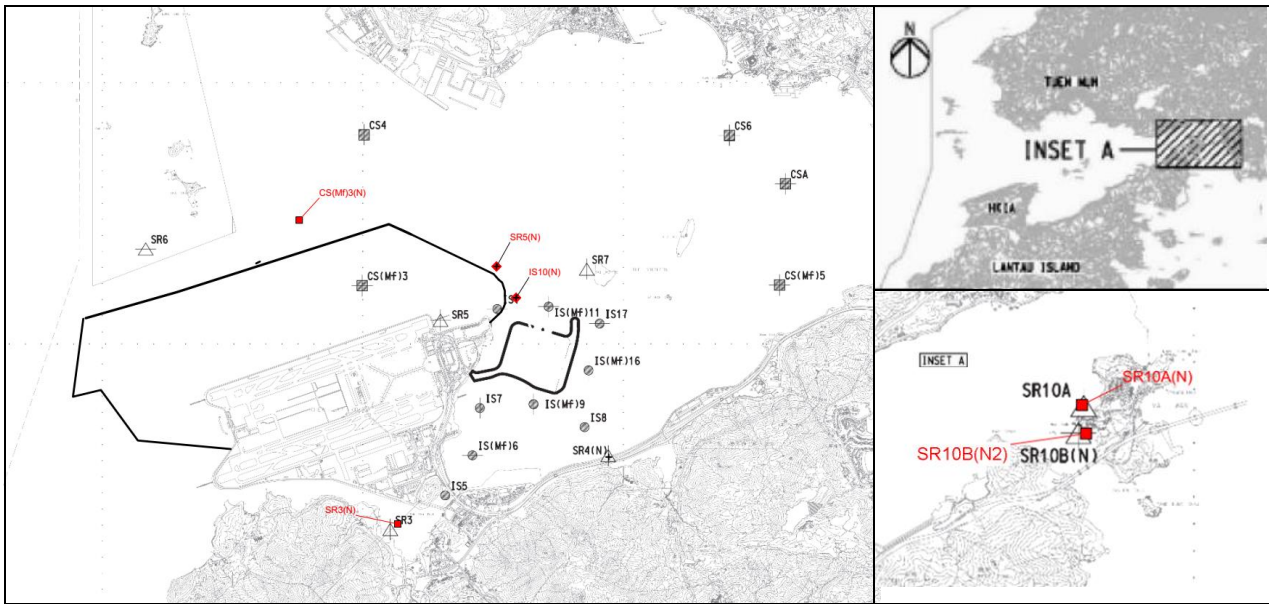
Signature:  Date: 16 November 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171108SS
<b>Date of Notification:</b> 16 November 2017				<b>Date of Investigation Report:</b> 20 November 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 8 November 2017 and the results were issued on 16 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	IS(Mf)11	Depth Average	23.5 and 120% (i.e. 19.7 for mid-ebb/13.2 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 21.3 for mid-ebb/14.3 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	10.2	<b>24.3</b>	
	SR4(N)				18.5	<b><u>35.1</u></b>	
	SR5(N)				14.9	<b><u>38.2</u></b>	
	SR6				<b>27.9</b>	18.9	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b>Bold with underline</b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**

On 8 November 2017, one AL exceedance of SS at IS(Mf)11 was recorded during mid-flood tide. One AL exceedance of SS at SR6 was recorded during mid-ebb tide. Two LL exceedances of SS at SR4(N) and SR5(N) were recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 8 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong Title: Environmental Team Representative

Signature:  Date: 20 November 2017

Checked by: Keith Chau Title: Environmental Team Leader

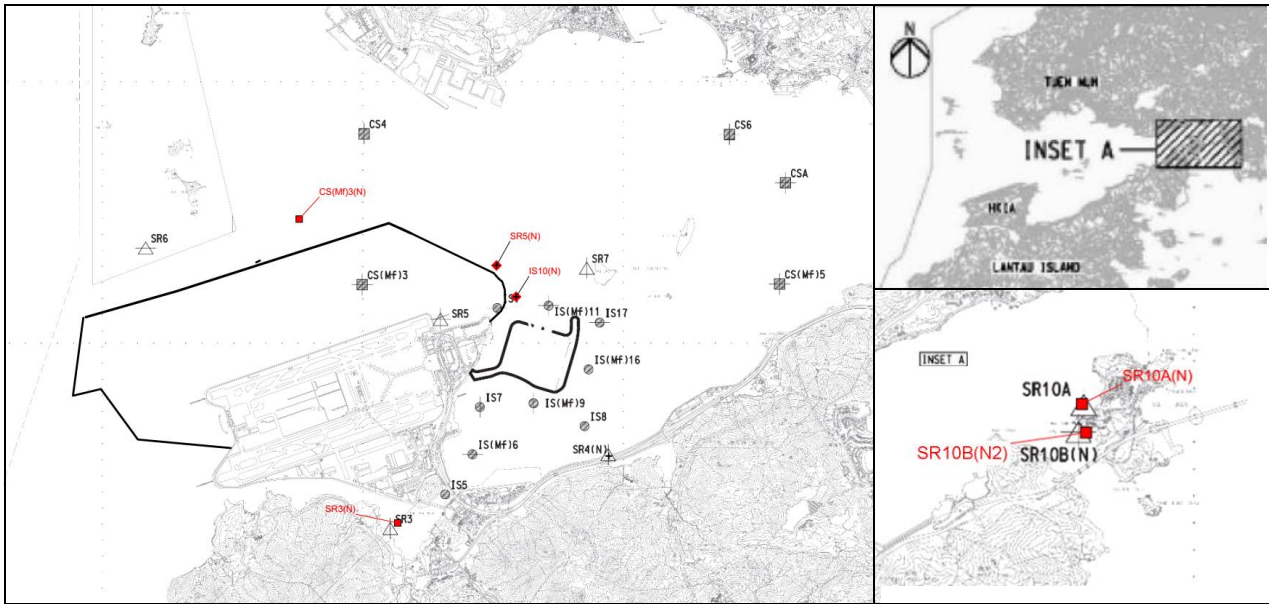
Signature:  Date: 20 November 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171113SS
<b>Date of Notification:</b> 22 November 2017				<b>Date of Investigation Report:</b> 24 November 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 13 November 2017 and the results were issued on 22 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	IS8	Depth Average	23.5 and 120% (i.e. 7.6 for mid-ebb/9.1 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 8.2 for mid-ebb/9.9 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	16.6	<b>29.1</b>	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b><u>Bold with underline</u></b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**



On 13 November 2017, one AL exceedance of SS at IS8 was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 13 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

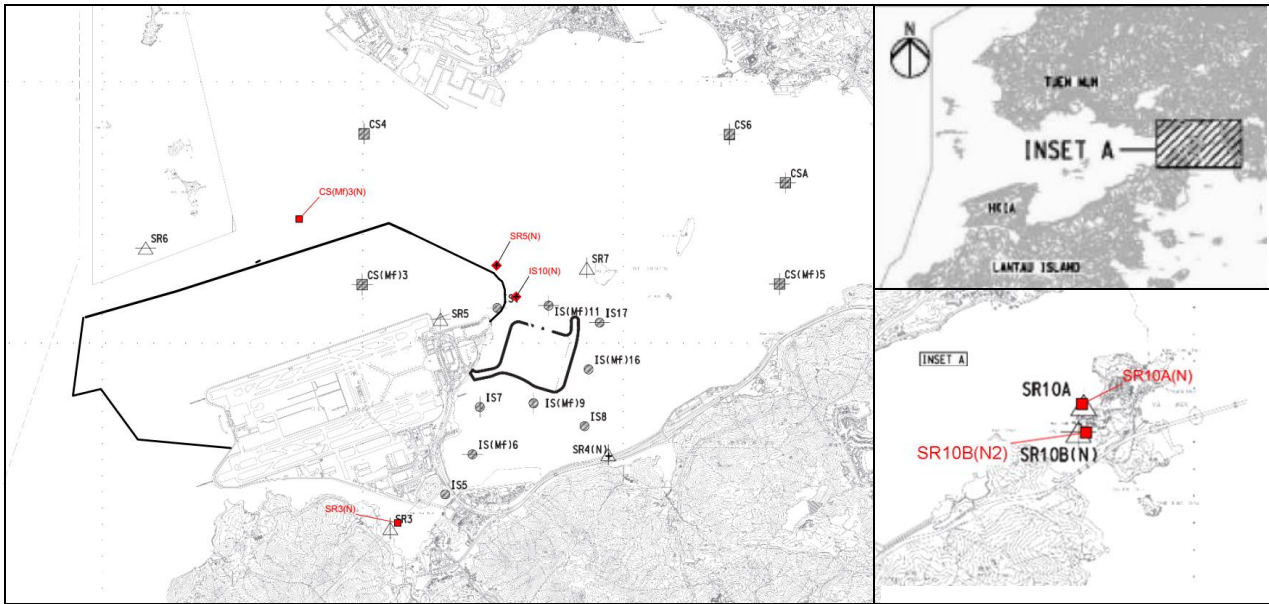
Prepared by:	<u>Evan Wong</u>	Title:	<u>Environmental Team Representative</u>
Signature:	<u></u>	Date:	<u>24 November 2017</u>
Checked by:	<u>Keith Chau</u>	Title:	<u>Environmental Team Leader</u>
Signature:	<u></u>	Date:	<u>24 November 2017</u>
Copied to	: Contractor, Engineer Representative and IEC/ENPO		



<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171115SS
<b>Date of Notification:</b> 22 November 2017				<b>Date of Investigation Report:</b> 24 November 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 15 November 2017 and the results were issued on 22 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	IS(Mf)6	Depth Average	23.5 and 120% (i.e. 8.4 for mid-ebb/5.5 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 9.1 for mid-ebb/6.0 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	8.9	<b>24.8</b>	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b><u>Bold with underline</u></b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**

On 15 November 2017, one AL exceedance of SS at IS(Mf)6 was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 15 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong Title: Environmental Team Representative

Signature:  Date: 24 November 2017

Checked by: Keith Chau Title: Environmental Team Leader

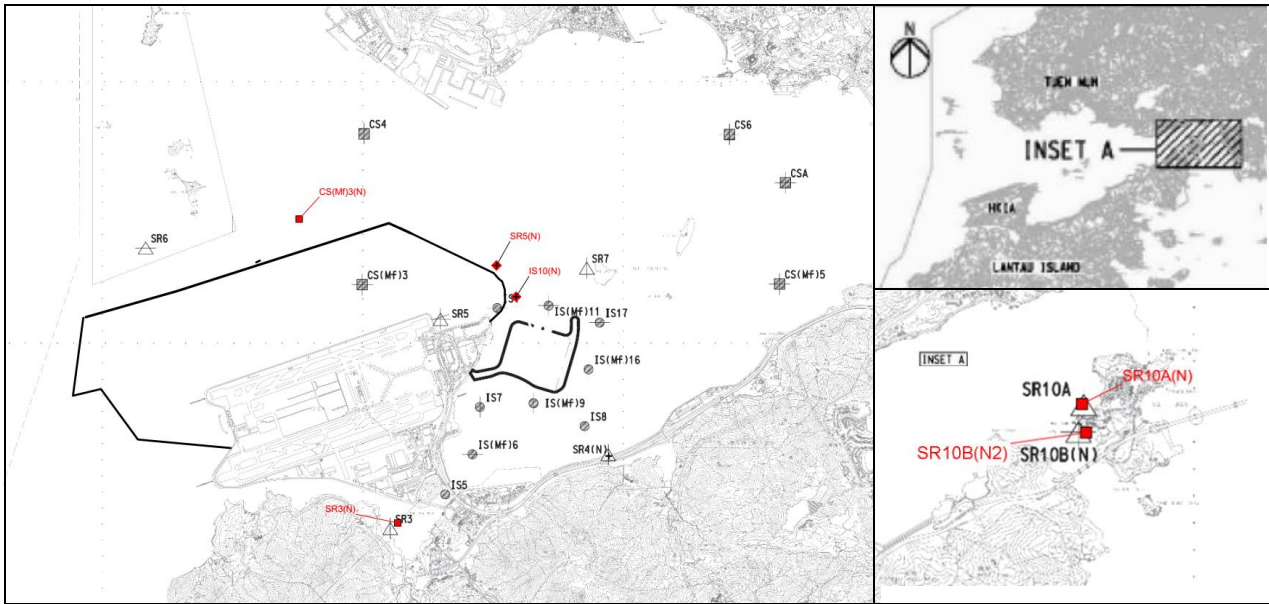
Signature:  Date: 24 November 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171120SS
<b>Date of Notification:</b> 28 November 2017				<b>Date of Investigation Report:</b> 30 November 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 20 November 2017 and the results were issued on 28 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	SR7	Depth Average	23.5 and 120% (i.e. 19.7 for mid-ebb/14.0 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 21.4 for mid-ebb/15.2 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	11.7	<b>24.1</b>	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b><u>Bold with underline</u></b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**



On 20 November 2017, one AL exceedance of SS at SR7 was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 20 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

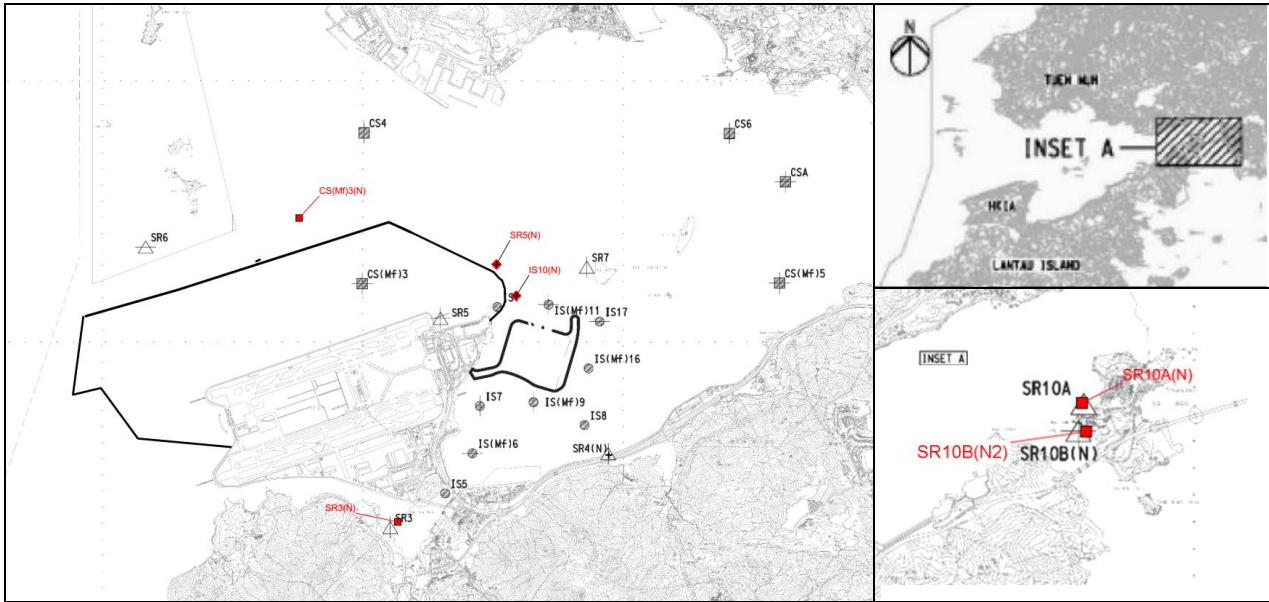
As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by:	<u>Evan Wong</u>	Title:	<u>Environmental Team Representative</u>
Signature:	<u></u>	Date:	<u>30 November 2017</u>
Checked by:	<u>Keith Chau</u>	Title:	<u>Environmental Team Leader</u>
Signature:	<u></u>	Date:	<u>30 November 2017</u>
Copied to	: Contractor, Engineer Representative and IEC/ENPO		

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b>							Notification No.: 20171122SS
<b>Date of Notification:</b> 30 November 2017				<b>Date of Investigation Report:</b> 6 December 2017			
<b>Works Inspected:</b> Data collected from water sampling works on 22 November 2017 and the results were issued on 29 November 2017							
<b>Monitoring Location:</b> Water Quality Monitoring Station							
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>							
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	SR6	Depth Average	23.5 and 120% (i.e. 12.5 for mid-ebb/7.5 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 13.5 for mid-ebb/8.2 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	<b>26.6</b>	<b><u>36.1</u></b>	
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b>Bold with underline</b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA							

**Possible reason for Action / Limit Level Non-compliance:**

On 22 November 2017, one AL exceedance of SS at SR6 was recorded during mid-ebb tide and one LL exceedance of SS at SR6 was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 22 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong

Title: Environmental Team Representative

Signature: 

Date: 6 December 2017

Checked by: Keith Chau

Title: Environmental Team Leader

Signature: 

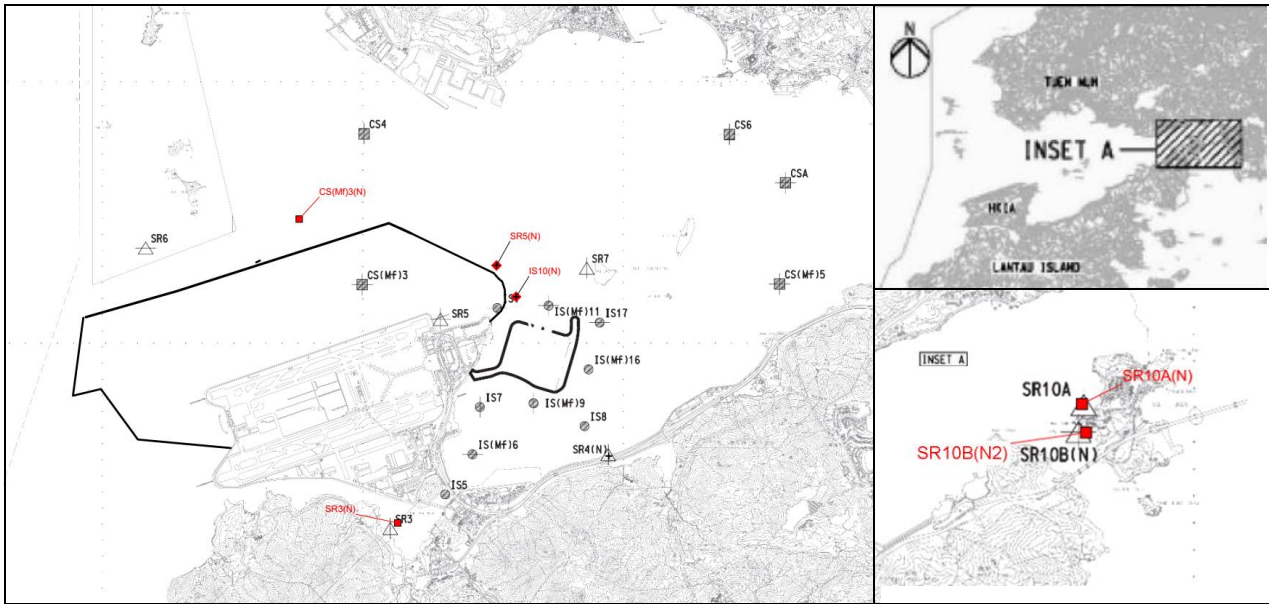
Date: 6 December 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO

<b>Contract No. HY/2013/01 -  Hong Kong- Zhuhai- Macao Bridge  Hong Kong Boundary Crossing Facilities – Passenger Clearance Building  Notifications of Environmental Quality Limits Exceedances</b> <span style="float: right;">Notification No.: 20171124SS_v1</span>						
<b>Date of Notification:</b> 1 December 2017				<b>Date of Investigation Report:</b> 7 December 2017		
<b>Works Inspected:</b> Data collected from water sampling works on 24 November 2017 and the results were issued on 1 December 2017						
<b>Monitoring Location:</b> Water Quality Monitoring Station						
<b>Parameter:</b> <del>Dissolved Oxygen (DO)</del> / Suspended Solid (SS)/ <del>Turbidity (TURB)</del>						
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>						
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS8	Depth Average	23.5 and 120% (i.e. 16.8 for mid-ebb/12.8 for mid-flood) of upstream control station's SS at the same tide of the same day	34.4 and 130% (i.e. 18.2 for mid-ebb/13.9 for mid-flood) of upstream control station's SS at the same tide of the same day and 10mg/L for WSD Seawater intakes	10.6	<b>29.9</b>
Notes: AL means Action Level. LL means Limit Level. <b>Bold</b> means AL exceedances. <b><u>Bold with underline</u></b> means LL exceedances. Upstream control stations of mid-ebb tide: CS(Mf)3(N) and CS4 Upstream control stations of mid-flood tide: CS(Mf)5, CS6 and CSA						

**Possible reason for Action / Limit Level Non-compliance:**

On 24 November 2017, one AL exceedance of SS at IS8 was recorded during mid-flood tide.



As confirmed by the Contractor, there was no marine transportation and marine-based work on 24 November 2017. No site runoff within the Contract site has been observed. Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

As the exceedance was not related to the Contract, no immediate actions are required. However, the Contractor was also reminded to implement environmental mitigation measures in accordance with Environmental Mitigation Implementation Schedule.

Prepared by: Evan Wong Title: Environmental Team Representative

Signature:  Date: 7 December 2017

Checked by: Keith Chau Title: Environmental Team Leader

Signature:  Date: 7 December 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO



<b>Contract No. HY/2013/01 -          Hong Kong- Zhuhai- Macao Bridge          Hong Kong Boundary Crossing Facilities – Passenger Clearance Building</b> <b>Notifications of Environmental Quality Limits Exceedances</b> <span style="float: right;">Notification No.: 20171128_Air_24hr_v2</span>				
<b>Date of Notification:</b> 6 December 2017		<b>Date of Investigation Report:</b> 13 December 2017		
<b>Date of Environmental Quality Limit Exceedance:</b> 28 November 2017 and the results were issued on 6 December 2017				
<b>Monitoring Location:</b> AMS3B – Site Boundary of Site Office Area at Work Area WA2				
<b>Monitoring Date:</b> 28 November 2017		<b>Start Time:</b> 08:00		
<b>Action &amp; Limit Level (AL &amp; LL) / Measured Level:</b>				
<u>PARAMETER</u>	<u>STATION</u>	<u>AL (µg/m<sup>3</sup>)</u>	<u>LL (µg/m<sup>3</sup>)</u>	<u>MEASURED LEVEL, µg/m<sup>3</sup></u>
24-hr TSP	AMS3B – Site Boundary of Site Office Area at Works Area WA2	167	260	<b><i>168</i></b>
Notes: <b><i>Bold Italic</i></b> means AL exceedance <b><i><u>Bold Italic with underline</u></i></b> means LL exceedance				

**Possible reason for Action / Limit Level Non-compliance:**

On 28 November 2017, one AL exceedance of 24-hr TSP at AMS3B was recorded.

Based on the information from the Contractor, the construction works undertaken on 28 and 29 November 2017 are shown as below:

- Waterproofing
- Backfilling
- Formwork and falsework stripping
- Pipework and ductwork installation
- Hanger rods for cable container
- Wet trade works
- Dry trade works
- MEP High Level Containment
- Removal of temporary works
- Window wall glazing
- Heat exchanger installation
- Curtain wall glazing
- Hanging scaffolding removal
- Footbridge construction
- Refuse collection point
- Southern toilet
- MISC steelwork
- Lift installation
- Escalator Installation
- Glazed lift installation
- Road & Kerbing
- Testing and commissioning works
- Water features and planters

The Contractor confirmed that the mitigation measures according to Water Spraying Plan in November 2017 (Appendix A) are implemented to avoid dust emission. Photos of haul road condition and dust suppression are included in Appendix A. The Contractor has provided the guideline to remind the site vehicles travel within speed limit of 8km/hr. According to the site inspection conducted on 29 November 2017, no dusty activities and dry condition in haul road were observed in the site area.

The Air Quality Health Index (AQHI) of Tung Chung station with the wind data from the on-site wind station are shown in Appendix B. The hourly AQHI of Tung Chung Station ranged 3 to 8 (Low to Very High) on 28 and 29 November 2017 during monitoring period. According to the wind data at on-site wind station, no prevailing wind direction was found in the monitoring period. The PCB site of HKBCF is far away from AMS3B (more than 1km). No potential dust source was observed near the monitoring station at AMS3B during the monitoring period.

Therefore, it is concluded that the exceedances were not related to the Contract.

**Actions taken/ to be taken:**

The Water Spraying Plan including the information of watering schedule, routing of trucks of for watering and the location of water filling, was prepared and submitted to RE and ENPO. The Contractor was also reminded to implement all necessary mitigation as specified in EIA (Section 5.5.6.3), EM&A Manual (EM&A Log Ref: A3), EMP, Method Statements, General and Particular Specifications of this Project to minimize the potential dust impact during construction activities.

Prepared by: Evan Wong Title: Environmental Team Representative

Signature:  Date: 13 December 2017

Checked by: Keith Chau Title: Environmental Team Leader

Signature:  Date: 13 December 2017

Copied to : Contractor, Engineer Representative and IEC/ENPO



Leighton - Chun Wo Joint Venture

**Contract No. HY/2013/01**  
**Hong Kong – Zhuhai – Macao – Bridge**  
**Boundary Crossing Facility – Passenger Clearance Building**

Water Truck License Plate Number: TH7681

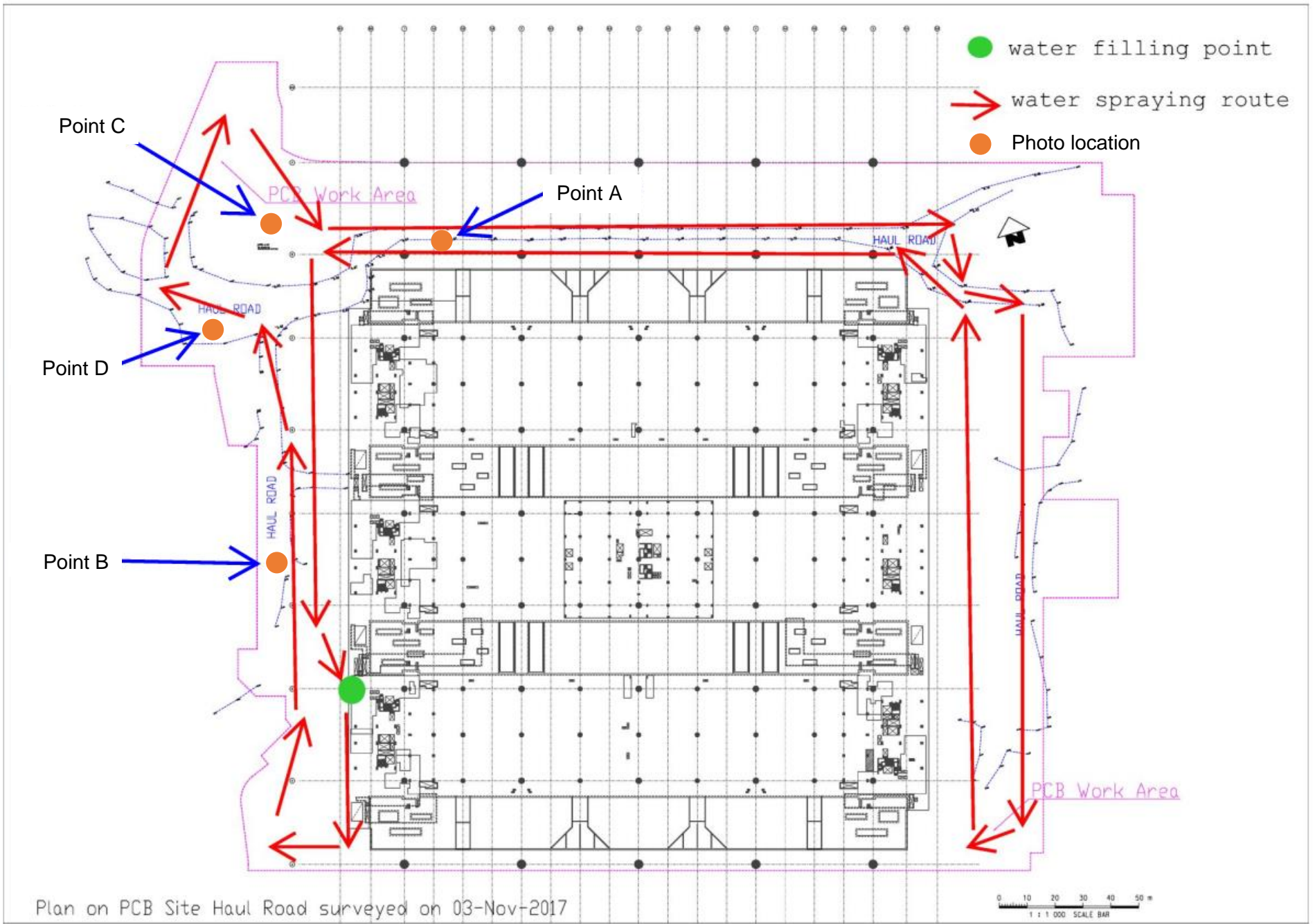
Capacity of Water Truck: 18000L

Volume of water / distance travelled = 11.4L/m

Water Truck could spray 18000L in one 50 minutes trip.

**Planned Schedule of Watering Spraying by Water Truck**

Cycle	Time of water spraying
1	08:00 – 09:15
2	09:15 – 10:30
3	10:30 – 11:45
4	13:00 – 14:15
5	14:15 – 15:30
6	15:30 – 16:45
7	16:45 – 18:00
8	18:00 – 19:00



Plan on PCB Site Haul Road surveyed on 03-Nov-2017

Water spraying record on 28 Nov 2017



Water truck spray water on haul road (Point A)



Haul road is wet (Point A)



Haul road is wet (Point B)



Water spraying record on 29 Nov 2017



Water truck spray water on haul road (Point C)



Haul road is wet (Point C)



Haul road is wet (Point D)

Appendix B

Date	Hour	AQHI at Tung Chung Station	Average Wind Speed (m/s) #	Average Wind Direction #
2017/11/28	8	3	0	---
2017/11/28	9	3	0	---
2017/11/28	10	3	0	---
2017/11/28	11	4	0	---
2017/11/28	12	4	0	E
2017/11/28	13	4	0	---
2017/11/28	14	5	0	---
2017/11/28	15	5	0	---
2017/11/28	16	7	0	WNW
2017/11/28	17	5 <sup>^</sup>	0	---
2017/11/28	18	6 <sup>^</sup>	0	---
2017/11/28	19	8	0	---
2017/11/28	20	7	0	E
2017/11/28	21	6	0	---
2017/11/28	22	6	0	---
2017/11/28	23	6	0	---
2017/11/29	0	5	0	---
2017/11/29	1	5	0	---
2017/11/29	2	4	0	---
2017/11/29	3	4	0	---
2017/11/29	4	4	0	---
2017/11/29	5	3 <sup>^</sup>	0	---
2017/11/29	6	3 <sup>^</sup>	0	SSE
2017/11/29	7	3	0	SSE
2017/11/29	8	3	0.4	ENE

Remark:

<sup>^</sup> The data collection for calculation of AQHI was affected due to station or equipment maintenance, the data of a most similar station was adopted.

#- The related wind data is obtained from the on-site wind station.

N.A. - Not available.