



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N120	7-Mar-13	15:10	M6 - HK baptist Church henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No work for Contract HY/2009/19 was conducted during the measurement, it was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.</p>
X_10N121	12-Mar-13	14:25	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No work for Contract HY/2009/19 was conducted during the measurement, it was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.</p>
X_10N122	19-Mar-13	15:20	M6 - HK baptist Church henrietta Secondary School	73	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No work for Contract HY/2009/19 was conducted during the measurement, it was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.</p>
X_10N123	26-Mar-13	15:15	M6 - HK baptist Church henrietta Secondary School	76	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: <u>Several breakers were found to be in operation at marine platform during measurement. No noise screen was provided to the breaker in-use.</u></p> <p>Action taken / to be taken: Immediate repeat measurement was conducted to confirm result at the same location . The construction noise level of repeat measurement at the same location on the same date was: <u>26 March 2013 at 16:00 71 dB(A)</u> During the repeat measurement, the breaker was not operating and nearby IEC traffic was observed and considered as the major noise contribution.</p> <p>Additional monitoring was conducted on 27 March 2013. The breaker was operating during measurement and nearby IEC traffic was observed, the construction noise level measured was: <u>27 March 2013 at 16:34 74 dB(A). (Measured Noise level : 75.8 dB(A))</u> Further exceedances was still recorded.The temporary noise blanket at marine work platform was confirmed in place and addition noise screen was provided to the breakers. In addition, the number of breakers operating in parallel was reduced. Further repeat measurement was then conducted and the construction noise level measured was as: <u>27 March 2013 at 17:05 73 dB(A). (Measured Noise level: 75.3dB(A))</u></p> <p>No breaking operation was observed during the repeat measurement and the measured noise level was remained at the similar level (within 1 dB(A)).For investigation purpose, the measured noise level of 75.3 dB(A) (without breaker operation) was taken as the background noise level on that day and by calculation, the construction noise level was found to be 66.1 dB(A) which is below the stipulated limit level. As such, the background IEC traffic was considered as the major noise contribution after rectification measures implemented by the contractor and the rectified measures provided by the contractor was considered to be effective. It is considered that the major noise contribution was found to be the IEC traffic after rectification measures have been implemented by the contractor.</p> <p>Remarks / Other Obs: Breaking works for Contract HY/2009/19 was conducted during the measurement on 26 March 2013, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance is project related and the contractor was requested to submit a proposal for remediation measures following Event and Action Plan.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A001	15-Apr-13	8:40	MA1w-International Finance Centre (Western Wing)	455	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the ambient air pollution level was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 101-105 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A002	15-Apr-13	9:23	MA1w-International Finance Centre (Western Wing)	447	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 105-108 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A003	15-Apr-13	10:31	MA1w-International Finance Centre (Western Wing)	437	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 108-109 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A004	15-Apr-13	8:30	MA1e-International Finance Centre (Eastern Wing)	521	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 101-105 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedances were recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A005	15-Apr-13	9:35	MA1e-International Finance Centre (Eastern Wing)	338	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 105-108 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedances were recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A006	15-Apr-13	10:38	MA1e-International Finance Centre (Eastern Wing)	348	1 hr TSP (ug/m ³)	325.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and breaking works were implemented by contractor.</p> <p>Remarks / Other Obs: Although welding, excavation and deposition of fill materlas were conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Central/Western District during the monitoring period was ranged from 108-109 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedances were recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A007	15-Apr-13	10:47	CMA3a-CWB PRE Site Office	387	1 hr TSP (ug/m ³)	311.3	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for dust generating activities within the ELS area at TPWCAE were implemented by contractor.</p> <p>Remarks / Other Obs: Although rock breaking at mined tunnel was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 97-96 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>
X_13A008	15-Apr-13	13:00	CMA3a-CWB PRE Site Office	344	1 hr TSP (ug/m ³)	311.3	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for dust generating activities within the ELS area at TPWCAE were implemented by contractor.</p> <p>Remarks / Other Obs: Although rock breaking at mined tunnel was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 92-90 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedances were recorded. As such, the implemeted measures were considered effective and exceedance was considered as non-project related.</p>



Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_13A009	15-Apr-13	13:00	CMA1b-Oil Street Site Office	353	1 hr TSP (ug/m ³)	320.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road were implemented by contractor.</p> <p>Remarks / Other Obs: Launching works for box culvert U was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 90-92 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_13A010	15-Apr-13	15:28	CMA1b-Oil Street Site Office	465	1 hr TSP (ug/m ³)	320.1	500	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road were implemented by contractor.</p> <p>Remarks / Other Obs: Launching works for box culvert U was conducted during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Pollution Index (API) recorded by EPD at Eastern District during the monitoring period was ranged from 91-92 indicating a high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>

Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N124	3-Apr-13	14:35	M6 - HK baptist Church henrietta Secondary School	74	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Noise mitigation measures by contractor including temporary noise barriers at marine platform were erected and noise screen for breaker in-use was confirmed in place.</p> <p>Remarks / Other Obs: Breaking works for Contract HY/2009/19 was conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.</p>
X_10N125	12-Apr-13	10:32	M6 - HK baptist Church henrietta Secondary School	75	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Breakers were found to be in operation at marine works pier F3 during measurement despite nearby traffic was observed. Noise barrier was provided at marine pier but was considered inadequate.</p> <p>Action taken / to be taken: Immediate repeat measurement was conducted to confirm result at the same location . The construction noise level of repeated measurement at the same location on the same date was: <u>12 April 2013 at 11:03 74 dB(A)</u>.</p> <p>Additional monitoring was conducted on 15 April 2013. Active breaking operation and nearby IEC traffic was observed during monitoring. Rectified mitigation measures including provision of additional noise blanket at top side of marine pier and reduction in the number of breakers were implemented by the contractor. The construction noise level during additional monitoring was found to be <u>15 April 2013 at 14:15 70 dB(A)</u> No further exceedance was recorded.</p> <p>Remarks / Other Obs: Breaking works for Contract HY/2009/19 was conducted during the measurement on 12 April 2013, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was project related and the contractor was requested to submit a proposal for remediation measures following the Event and Action Plan.</p>
X_10N126	16-Apr-13	10:15	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Noise mitigation measures by contractor including temporary noise barriers and noise blanket at marine platform were erected and noise screen for breaker in-use was confirmed in place.</p> <p>Remarks / Other Obs: Pile head breaking and formwork installation works for Contract HY/2009/19 were conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>
X_10N127	23-Apr-13	15:55	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Derrick barge operation for Contract HY/2009/19 was observed during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N128	2-May-13	15:05	M6 - HK Baptist Church Henrietta Secondary School	73	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Concreting works for Contract HY/2009/19 was conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>
X_10N129	7-May-13	14:04	M6 - HK Baptist Church Henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No construction works for Contract HY/2009/19 was conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. Breaking works at nearby City Garden was noted at the monitoring period. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>
X_10N130	21-May-13	10:30	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure. Noise mitigation measures by contractor including erection of temporary noise barrier was confirmed in place.</p> <p>Remarks / Other Obs: Pile head breaking works for Contract HY/2009/19 was conducted during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>