

Appendix K

Cumulative Statistics on
Exceedances, Complaints,
Notifications of Summons and
Successful Prosecutions

Table K-1 Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
EC091_CKRCT20 211113_347	13 November 2021	1823, E-mail & Contract Complaint Hotline	The Contractor & Engineer	Noise	<p>The complainants of Mantin Heights complained about the ground-borne noise nuisance generated from the Ho Man Tin site on public holidays. The complainants heard excessive “hammering” noise around 7:00 to 8:00 hours on 7 November 2021, received a repeated complaint about ground-borne noise nuisance referred to 7 November 2021 on 9th November 2021. They requested the Contractor to carry out the investigation and provide appropriate responses for follow-up actions.</p> <p>The complainants of Mantin Heights complained about the ground-borne noise nuisance generated from Ho Man Tin site around 7:00 to 8:00 hours on 12 and 13 November 2021. They requested the Contractor to carry out the investigation and provide appropriate responses for follow-up actions.</p> <p>According to the information provided by the Contractor, the construction activities of 7 November 2021, mainly included:</p> <p><u>Ground level</u></p>	Investigation report was finalized on 7 Jan 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul style="list-style-type: none"> ➤ No construction activities <u>Inside the closed shaft enclosure</u> ➤ Mucking out, ➤ Drilling, ➤ Road work, ➤ Lifting. <p>Based on the information from the main contractor, the daytime activities from 07:00 – 19:00 on 12 and 13 November 2021, mainly included mucking out activities, general lifting, earthwork, tunnel activities, in accordance with the requirement set out in Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>ET conducted weekly site inspection on 9 and 23 November 2021, no particular observation and recommendation was made regarding the noise impact from the inspection team.</p> <p>The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday.</p> <p>The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p> <p>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling works would not induce unnecessary disturbance to the NSRs.</p> <p>The Contractor agreed to assess the extent of noise impact to NSRs regularly.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p> <p>The Contractor was suggested to maintain good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the construction works such as providing better/ more detailed information of the work nature and inform in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</p> <p>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of a buildings does not continue under the CNP</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					(GW-RE0903-21) condition 3.d.9.	
EC092_CKRCT0 211123_351	23 November 2021	Contract Complaint Hotline	The Contractor & Engineer	Noise	<p>The complainants of the Alhambra Building complained about the ground-borne noise nuisance generated from the Yau Ma Tei site around 07:00-08:00 hours on 21 November 2021. The complainants mentioned hearing “hammering” noise and affected his/ her health. The complainant requested the Contractor to re-schedule the construction activities and to provide appropriate responses for follow-up actions.</p> <p>The complainants of the Alhambra Building complained about the ground-borne noise nuisance generated from the Yau Ma Tei site around 04:00 hours on 23 November 2021. The complainant claimed that if the situation did not improve, he/ she will lodge the case to EPD directly.</p> <p>According to the information provided by the Contractor, the night-time construction activities of 20, 21 and 23 November 2021, mainly included:</p> <p><u>Ground level</u></p> <ul style="list-style-type: none"> ➤ No construction activities 	Investigation report was finalized on 7 Jan 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p><u>Inside the closed shaft enclosure</u></p> <ul style="list-style-type: none"> ➤ Breaking ➤ Scaling, ➤ Mapping, ➤ Shotcreting, ➤ Muck out, ➤ Drilling. <p>The Contractor had re-sequenced the works cycle to minimize the noise nuisance.</p> <p>The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.</p> <p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p> <p>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling works would not induce unnecessary disturbance to the NSRs.</p> <p>The Contractor agreed to assess the extent of noise impact to NSRs regularly.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>The Contractor was suggested to maintain good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the construction works such as providing better/ more detailed information of the work nature and inform in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</p> <p>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of a buildings does not continue under the CNP (GW-RE1026-21) condition 3.d.5.</p>	
EC093_CKRCT20 211124_352	24 November 2021	Contract Complaint Hotline	The Contractor & Engineer	Air & Noise	A complaint was received by the Contractor on 17 November 2021, referred by the Environmental Protection Department (EPD) regarding the complaint case from Lucky House on 5 November 2021 about the dust nuisance. EPD reminded the Contractor to ensure the work fulfills the relevant environmental legislation and their subsidiary regulations, and take necessary environmental measures to minimize the environmental	Investigation report was finalized on 7 Jan 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>nuisance arising from the construction site.</p> <p>The complainants of Lucky House complained the ground-borne noise nuisance from Ma Tau Kok site around 17:00 to 02:00 hours on 22 and 23 November 2021. He/ she enquired the Contractor to provide construction works schedule and programme.</p> <p>Based on the information from the Contractor, the daytime activities from 07:00 –19:00 on 5th November 2021, mainly included site and shaft installation, canopy installation, and erection of noise enclosure, in accordance with the requirement set out in Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>ET conducted weekly site inspection on 16 November 2021, no particular observation and recommendation was made regarding the noise and dust impact from the inspection team.</p> <p>According to the information provided by the ET under the Contract No. HY/2014/07 Central Kowloon Route – Kai Tak West, construction dust monitoring (1-hr TSP & 24-hr TSP) at the monitoring location, Block B-Merit Industrial</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>Centre (E-A14a) in November 2021, in accordance with the requirement set out in the EM&A Manual. The monitoring results carried out in November 2021 complied with the action and limit levels stipulated in EM&A Manual.</p> <p>According to the information provided by the Contractor, the night-time construction activities of 22 and 23 November 2021, mainly included:</p> <p><u>Ground level</u></p> <ul style="list-style-type: none"> ➤ No construction activities <p><u>Inside the closed shaft enclosure</u></p> <ul style="list-style-type: none"> ➤ Scaling, ➤ Mapping, ➤ Shotcreting, ➤ Drilling. <p>The Contractor had fulfilled the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation, and all non-road mobile machinery (NRMM) are provided with proper labels.</p> <p>The Contractor agreed to increase the</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>frequency of water spraying while conducting dusty works.</p> <p>The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday.</p> <p>The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.</p> <p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p> <p>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling works would not induce unnecessary disturbance to the NSRs.</p> <p>The Contractor agreed to assess the extent of noise impact to NSRs regularly.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p> <p>The Contractor was suggested to maintain good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the construction works such as providing better/ more detailed information of the work</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>nature and inform in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</p> <p>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of a buildings does not continue under the CNP (GW-RE0818-21) condition 3.d.7.</p>	
EC094_CKRCT20 211125_353	25 November 2021	Contract Complaint Hotline	The Contractor & Engineer	Noise	<p>A resident of Kau Pui Lung Road No.107 complained about the ground-borne noise nuisance generated from Ho Man Tin site. The complainants heard "hammering" noise around 2:00 hours on 25 November 2021.</p> <p>According to the information provided by the Contractor, the construction activities of 24 November 2021, mainly included:</p> <p><u>Ground level</u></p> <ul style="list-style-type: none"> ➤ No construction activities <p><u>Inside the closed shaft enclosure</u></p> <ul style="list-style-type: none"> ➤ Mucking out, ➤ Drilling, 	Investigation report was finalized on 7 Jan 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul style="list-style-type: none"> ➤ Breaking, ➤ Mapping, ➤ Shotcreting, ➤ Concerting, ➤ Lifting. <p>The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday.</p> <p>The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.</p> <p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p> <p>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling works would not induce unnecessary disturbance to the NSRs.</p> <p>The Contractor agreed to assess the extent of noise impact to NSRs regularly.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p> <p>The Contractor was suggested to maintain</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the construction works such as providing better/ more detailed information of the work nature and inform in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</p> <p>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of a buildings does not continue under the CNP (GW-RE0903-21) condition 3.d.9.</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
EC095_CKRCT20 211203_355	3 December 2021	1823, E-mail & Contract Complaint Hotline	The Contractor & Engineer	Noise	<p>The complainants of no.14-16 Maidstone Road complained about the ground-borne noise nuisance generated from the Ho Man Tin site. The complainants heard "hammering" noise around 8:00 to 23:00 hours on 2 December 2021. He/she requested the Contractor to carry out the investigation and provide appropriate responses for follow-up actions.</p> <p>Based on the information from the Contractor, the daytime activities from 07:00 – 19:00 on 2 December 2021, mainly included in accordance drill and blast, scaling, mapping, mucking out, chemical grouting, and shotcreting with the requirement set out in Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>According to the information provided by the Contractor, the construction activities from 19:00 to 23:00 hours on 2 December 2021, mainly included:</p> <p><u>Ground level</u></p> <ul style="list-style-type: none"> ➤ No construction activities <p><u>Inside the closed shaft enclosure</u></p> <ul style="list-style-type: none"> ➤ Mucking out, ➤ Drilling, 	Investigation report was finalized on 11 Jan 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul style="list-style-type: none"> ➤ Breaking, ➤ Mapping, ➤ Lifting. <p>ET conducted weekly site inspection on 7 and 28 December 2021, no particular observation and recommendation was made regarding the noise impact from the inspection team.</p> <p>The Contractor will try to stop the breaking work immediately after receiving the complaint case and keep continuous communication with the complainant about the breaking works at night.</p> <p>The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.</p> <p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p> <p>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling works would not induce unnecessary disturbance to the NSRs.</p> <p>The Contractor has assessed the extent of noise impact to NSRs regularly. The ground-</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>borne noise measurement was carried out on 10 December 2021 during evening period, i.e. 22:42-22:52. Noise level of 40.2 dB (A) was recorded during measurement.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p> <p>The Contractor was suggested to maintain good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the construction works such as providing better/ more detailed information of the work nature and inform in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</p> <p>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of a buildings does not continue under the CNP (GW-RE0903-21) condition 3.d.9.</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
EC096_CKRCT20 211204_357	4 December 2021	Contract Complaint Hotline	The Contractor & Engineer	Noise	Investigation results will be reported in the subsequent Monthly EM&A Report.	Under investigation
EC097_CKRCT20 211205_358	5 December 2021	Contract Complaint Hotline	The Contractor & Engineer	Noise	Investigation results will be reported in the subsequent Monthly EM&A Report.	Under investigation
EC098_CKRCT20 211229_361	29 December 2021	Contract Complaint Hotline	The Contractor & Engineer	Noise	Investigation results will be reported in the subsequent Monthly EM&A Report.	Under investigation

Table K-2 Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions and Public Engagement Activities

Reporting Period	Complaints	Notifications of Summons and Prosecutions	Public Engagement Activities
This Month	4	0	0
Cumulative Project-to-Date	98	0	0

Table K-3 Cumulative Statistics on Monitoring Exceedance

Monitoring Parameter	Month/Year	No. of Exceedance	
		Action	Limit
1-hour TSP	No. of Exceedance This Month	0	0
	Cumulative Project-to-Date	0	0
24-hour TSP	No. of Exceedance This Month	0	0
	Cumulative Project-to-Date	0	0
Noise (LAeq (30min))	No. of Exceedance This Month	4	0
	Cumulative Project-to-Date	80	0