

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
EC135_CKRCT20 220827_520	27 August 2022	Contract Complaint Hotline	The Contractor & Engineer	Noise	<p>A complaint was received from the resident of King's Park Villa on 16 August 2022. He/she complained about the noise nuisance generated from morning to evening by the Ho Man Tin tunnel works.</p> <p>A complaint was received from the resident of Celestial Heights on 27 August 2022. He/she complained about the noise nuisance generated from the Ho Man Tin tunnel works continues after 21:45 hours.</p> <p>Based on the information from the Contractor, the daytime activities from 07:00 hours– 19:00 hours on 15 and 16 August 2022, mainly included:</p> <ul style="list-style-type: none">➤ Multi-faces drill and blast excavation;➤ Mixed and soft ground excavation;➤ Ventilation adit and cavern mechanical excavation;➤ TBM tunnel enlargement by blasting;➤ Underbreak scaling and smoothing works;➤ Waterproofing, lining and invert concreting;➤ Modification on ventilation and concrete pipe;➤ Mucking out from HMT to MTK;	Investigation report was finalized on 11 October 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul style="list-style-type: none"> ➤ Pipe pile wall construction; ➤ Pile cap construction for tower crane; ➤ Advance works for dismantling of noise enclosure and associated equipment. <p>These activities were conducted in accordance with the requirement set out in the Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>ET conducted construction noise monitoring (Leq (30 min)) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-N3) (Annex A), in August 2022, in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in August 2022 complied with the noise criteria stipulated in EIAO-TM.</p> <p>ET conducted weekly site inspections on 9, 23 August 2022 and 6 September 2022, no particular observations and recommendations were made regarding the noise impact from the inspection team.</p> <p>According to the information provided by the Contractor, the construction activities from 19:00 on 15 August 2022 to 07:00 on 16 August 2022, mainly included:</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul style="list-style-type: none"> ➤ Drilling ➤ Breaking ➤ Mapping ➤ Shotcreting ➤ Mucking Out ➤ Lifting <p>According to the information provided by the Contractor, the construction activities from 19:00 hours on 27 August 2022 to 07:00 hours on 28 August 2022, mainly included:</p> <ul style="list-style-type: none"> ➤ Breaking ➤ Mapping ➤ Shotcreting ➤ Drilling ➤ Mucking Out ➤ Lifting <p>Supervision by Resident Site Staff (RSS) of the Project to monitor the site work activities and audit the noise mitigation measures implemented on-site by ET and RSS.</p> <p>The Contractor had installed the full enclosure to minimize the noise nuisance.</p> <p>The Contractor had used the less powerful breaker to minimize the noise nuisance.</p>	

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					<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 regularly assessed the extent of noise impact on NSRs.</p> <p>The Contractor agreed to avoid breaking directly facing to the NSRs.</p> <p>The Contractor agreed to stop the work that may generate noise nuisance before 22:00 hours in Celestial Heights.</p> <p>The Contractor agreed to stop the work that may generate noise nuisance before 23:00 hours in King's Park Villa.</p> <p>The Contractor was suggested to maintain good relations with the nearby sensitive receivers/ stakeholders which may be affected by the construction work such as providing better/ more detailed information of the work nature and informing in advance of the noisy works to the nearby residents.</p> <p>The Contractor was suggested to carry out noise</p>	

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					<p>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 building does not continue under the CNP (GW-RE0448-22) condition 3. d.8.</p>	
EC137_CKRCT20 220906_525	6 September 2022	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise	<p>The resident of Celestial Heights complained about the scaling noise generated from the Ho Man Tin tunnel works started on 08:15 hours. The complainant requested the Contractor to delay the starting time of scaling works.</p> <p>Based on the information from the Contractor, the daytime activities from 07:00 hours– 19:00 hours on 6 September 2022, mainly included:</p> <ul style="list-style-type: none"> ➤ Multi-faces drill and blast excavation; ➤ Mixed and soft ground excavation; ➤ Ventilation adit and cavern mechanical excavation; ➤ TBM tunnel enlargement by blasting; ➤ Underbreak scaling and smoothing works; ➤ Waterproofing, lining and invert concreting; ➤ Modification on ventilation and concrete pipe; ➤ Mucking out from HMT to MTK; ➤ Pipe pile wall construction; ➤ Erection of tower crane; ➤ Dismantling of noise enclosure and 	Investigation report was finalized on 12 October 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>associated equipment.</p> <p>These activities were conducted in accordance with the requirement set out in the Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>ET conducted construction noise monitoring (Leq (30 min)) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-N3) (Annex A), in September 2022, in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in September 2022 complied with the noise criteria stipulated in EIAO-TM.</p> <p>ET conducted weekly site inspections on 6, 13, 20, and 27 September 2022, no particular observations and recommendations were made regarding the noise impact from the inspection team.</p> <p>Supervision by Resident Site Staff (RSS) of the Project to monitor the site work activities and audit the noise mitigation measures implemented on-site by ET and RSS.</p> <p>The Contractor was suggested to maintain good</p>	

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					<p>relations with the nearby sensitive receivers/ stakeholders which may be affected by the construction work such as providing better/ more detailed information of the work nature and informing in advance of the noisy works to the nearby residents.</p> <p>The Contractor was reminded to perform good communication and coordination for the safe blasting of different chainage locations on the same day.</p>	
EC138_CKRCT20 220909_526	9 September 2022	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise	Investigation results will be reported in the subsequent Monthly EM&A Report.	Under investigation
EC139_CKRCT20 220928_529	28 September 2022	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise	<p>A complaint was received from a resident of Kwun Fai Court on 22 September 2022 about the noise nuisance generated from the Ho Man Tin tunnel works at daytime. He/she requested the Contractor to set up more noise barriers to reduce the noise nuisance.</p> <p>The same complainant complaint about that the situation of noise nuisance generated from the Ho Man Tin tunnel works have not been improved on 28 September 2022. He/she requested the Contractor to set up more noise barriers and conduct further actions for improvement.</p>	Investigation report was finalized on 12 October 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>Based on the information from the Contractor, the daytime activities from 07:00 hours – 19:00 hours on 22 and 28 September 2022, mainly included:</p> <ul style="list-style-type: none"> ➤ Multi-faces drill and blast excavation; ➤ Mixed and soft ground excavation; ➤ Ventilation adit and cavern mechanical excavation; ➤ TBM tunnel enlargement by blasting; ➤ Underbreak scaling and smoothing works; ➤ Waterproofing, lining and invert concreting; ➤ Modification on ventilation and concrete pipe; ➤ Mucking out from HMT to MTK; ➤ Pipe pile wall construction; ➤ Erection of tower crane; ➤ Dismantling of noise enclosure and associated equipment. <p>These activities were conducted in accordance with the requirement set out in the Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p> <p>ET conducted construction noise monitoring (Leq (30 min)) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-N3), in September 2022, in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in</p>	

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					<p>September 2022 complied with the noise criteria stipulated in EIAO-TM.</p> <p>ET conducted weekly site inspections on 6 and 27 September 2022, no particular observations and recommendations were made regarding the noise impact from the inspection team.</p> <p>Supervision by Resident Site Staff (RSS) of the Project to monitor the site work activities and audit the noise mitigation measures implemented on-site by ET and RSS.</p> <p>The Contractor agreed to set up temporary and movable noise barriers for mitigation.</p> <p>The Contractor was suggested to maintain good relations with the nearby sensitive receivers/ stakeholders which may be affected by the construction work such as providing better/ more detailed information of the work nature and informing in advance of the noisy works to the nearby residents.</p> <p>The Contractor was reminded to perform good communication and coordination for the safe blasting of different chainage locations on the same day.</p>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					The Contractor was reminded to monitor the ground vibrations of the blasting operation and adjust the MICs according to the actual geotechnical features to ensure blasting vibrations within the specified PPV limit.	
EC140_CKRCT20 220928_530	28 September 2022	1823	The Contractor & Engineer	Muddy water	<p>A complaint case was received by 1823 on 28 September 2022 regarding the muddy water overflowed to the public area from the Ho Man Tin site on 22 September 2022.</p> <p>According to the information provided by the Contractor, the water pump located at gate 2 was malfunctioned, leading to muddy water accidentally overflowed to the public area.</p> <p>The Contractor had replaced the malfunction water pump and cleaned the sump pit immediately after the overflow accident.</p> <p>The Contractor had cleaned the affected area immediately after the overflow accident.</p> <p>The Contractor agreed to carry out monitoring and maintenance regularly on the water pump to avoid recurrence of overflow accident.</p> <p>The Contractor was suggested to maintain good relations with the nearby sensitive receivers/ stakeholders which may be affected by the</p>	Investigation report was finalized on 12 October 2022

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					<p>construction work such as providing better/ more detailed information about the work nature and informing in advance of the works to the nearby residents.</p> <p>To prevent pollution from wastewater overflow, the pump sump of any water recycling system should be provided with an on-line standby pump of adequate capacity and with automatic alternating devices.</p> <p>All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rainstorms.</p> <p>Deposited silt and grit should be removed regularly and disposed of by spreading evenly over stable, vegetated areas</p>	

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	141	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	3	0
	Cumulative Project-to-Date	119	0