## Appendix K

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

Table K-T	LINIOIIIIE	ntal Complain	L3 LOG			
Complaint Log	Date of	Received	Received	Nature of	Investigation/Mitigation Action	Status
No.	Complaint	From	Ву	Complaint		Status
EC124_CKRCT20	9 June 2022	Contract	The	Noise	The resident of Kau Pui Lung Road complained	Investigation
220609_452		Complaint	Contractor		about the ground-borne noise nuisance	report was
		Hotline	& Engineer		generated from the Ho Man Tin tunnel works after	finalized on 9
					22:00 hours on 4 June 2022. He/she requested the	August 2022
					Contractor to finish the construction works that	
					may generate noise nuisance earlier.	
					The resident of Celestial Heights complained	
					about the ground-borne noise nuisance	
					generated from the Ho Man Tin tunnel works on 9	
					June 2022 between 08:00 hours to 22:00 hours on	
					9 June 2022. He/ she requested the Contractor to	
					carry out the investigation and provide	
					appropriate responses for follow-up actions.	
					Based on the information from the Contractor, the	
					daytime activities from 07:00 – 19:00 on 9 June	
					2022, mainly included:	
					<ul> <li>Drill and blast excavation</li> </ul>	
					Tunnel mixed ground/soft ground excavation	
					<ul><li>Canopy and arch rib installation</li></ul>	
					Tunnel smoothing works	
					Mucking out from the tunnel	
					<ul> <li>Modification of dewatering system</li> </ul>	
					<ul> <li>Site and shaft installation</li> </ul>	
					Pipe piling works	

## Table K-1Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul> <li>Concreting for invert</li> </ul>	
					<ul> <li>Assembly for waterproofing and lining gantry</li> </ul>	
					These activities were conducted in accordance	
					with the requirement set out in the Technical	
					Memorandum of Environmental Impact	
					Assessment Ordinance (EIAO-TM).	
					According to the information provided by the	
					Contractor, the construction activities from 19:00	
					hours on 4 June 2022 to 07:00 hours on 5 June	
					2022, mainly included:	
					<u>Ground-level</u>	
					<ul> <li>No construction activities</li> </ul>	
					Inside the closed shaft enclosure	
					> Shotcreting	
					Mapping	
					Breaking	
					Mucking out	
					> Lifting	
					<ul> <li>Drilling</li> </ul>	
					<ul> <li>Dismantling formwork</li> </ul>	
					According to the information provided by the	
					Contractor, the construction activities from 19:00	
					to 23:00 hours on 9 June 2022, mainly included:	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					Ground-level> No construction activities Inside the closed shaft enclosure> Dismantling formwork> Breaking> Mapping> Shotcreting> Lifting> Drilling> Mucking outET conducted construction noise monitoring (Leq (30 min)) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-N3) in June 2022, in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in June 2022 complied with the noise criteria stipulated in EIAO-TM.ET conducted weekly site inspections on 7 and 28 June 2022, no particular observations and recommendations were made regarding the noise impact from the inspection team.Supervision by Resident Site Staff (RSS) of the	
					Project to monitor the site work activities and audit the noise mitigation measures implemented	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					on-site by ET and RSS. The Contractor had kept continuous communication with the complainant about the breaking works at night.	
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor had used the less powerful breaker to minimize the noise nuisance.	
					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.	
					The Contractor has regularly assessed the extent of noise impact on NSRs.	
					The Contractor agreed to avoid breaking directly facing the NSRs.	
					The Contractor agreed to carry out the construction works from 08:00 to 22:00 hours on weekdays, 09:00 to 22:00 hours on Saturdays and 10:00 to 22:00 hours on Sundays and public holidays. The commencement time will be adjusted due to the progress of the project.	
					The Contractor was suggested to maintain good	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
	Complaint			Complaint	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. The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary. 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.	
EC125_CKRCT20 220610_453	10 June 2022	Contract Complaint Hotline & E- mail	The Contractor & Engineer	Noise	A complaint was received on 4 June 2022 from the residents of The Regalia. They complained about the breaking noise generated from the Yau Ma Tei tunnel works up to 24:00 hours. The complainants requested the Contractor to hold a meeting and provide appropriate responses for follow-up actions. The Environmental Protection Department referred a complaint case to the Contractor regarding the noise nuisance generated from the Yau Ma Tei site on 9 June 2022. The residents of	Investigation report was finalized on 9 August 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					The Regalia complained about the ground-borne noise nuisance generated from the tunnel works during nighttime.	
					According to the information provided by the Contractor, the construction activities from 19:00 on 4 June 2022 to 07:00 on 5 June 2022, mainly included:	
					<u>Ground-level</u>	
					<ul> <li>No construction activities</li> <li>Inside the closed shaft enclosure</li> </ul>	
					<ul> <li>Breaking</li> <li>Drilling</li> </ul>	
					Shotcreting	
					Mucking Out According to the information provided by the Contractor, the construction activities from 19:00	
					on 9 June 2022 to 07:00 on 10 June 2022, mainly included:	
					<u>Ground-level</u>	
					<ul> <li>No construction activities</li> <li>Inside the closed shaft enclosure</li> </ul>	
					<ul><li>Drilling</li><li>Breaking</li></ul>	
					<ul><li>Shotcreting</li><li>Mucking Out</li></ul>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					According to the information provided by the Contractor, no blasting event was conducted on 4 and 9 June 2022.	
					The Contractor agreed to keep investigating and modifying the construction procedures to minimize the impacts to NSRs.	
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor had covered the tunnel with the acoustic cover to minimize the noise nuisance.	
					The Contractor had used the less powerful breaker to minimize the noise nuisance. The Contractor agreed to avoid breaking directly facing the NSRs.	
					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.	
					The Contractor agreed to shorten the working hours from 07:30 to 23:00 hours on weekdays, 9:00 to 22:00 hours on Saturdays and 10:00 to 19:00 hours on Sundays and public holidays. The commencement time will be adjusted due to the	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul> <li>progress of the project.</li> <li>The Contractor was suggested to maintain relationships with the nearby sensitive receivers/ stakeholders who may be affected by the construction work such as providing better/ more detailed information about the work nature and informing in advance of the noisy works to the nearby residents.</li> <li>The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.</li> <li>The Contractor was reminded to take remedial actions to ensure the adverse noise impact transmitted through the structural elements of buildings does not continue under the CNP (GW-RE0421-22) condition 3.d.6.</li> </ul>	
EC127_CKRCT20 220617_461	17 June 2022	Contract Complaint Hotline	The Contractor & Engineer	Noise	The Incorporated Owners (IO) of Cheung Wan Building complained about the ground-borne noise nuisance generated by the Ho Man Tin tunnel works from 18:30 hours to 24:00 hours on 10 June 2022. He/she requested the Constructor to stop the construction works that may generate noise nuisance before 22:00 hours. The resident of Ma Tau Wai Road complained	Investigation report was finalized on 9 August 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					about the ground-borne noise nuisance	
					generated from the Ho Man Tin tunnel works in	
					the nighttime on 16 June 2022. He/she requested	
					to stop the construction works immediately.	
					The resident of Celestial Heights complained	
					about the ground-borne noise nuisance	
					generated from the Ho Man Tin tunnel works	
					from 18:00 to 21:00 hours on 17 June 2022.	
					Based on the information from the Contractor, the	
					daytime activities from 07:00 – 19:00 hours on 10	
					and 17 June 2022, mainly included:	
					> Drill and blast excavation	
					Tunnel mixed ground/soft ground excavation	
					<ul> <li>Canopy and arch rib installation</li> </ul>	
					Tunnel smoothing works	
					Mucking out from tunnel	
					<ul> <li>Modification of dewatering system</li> </ul>	
					<ul><li>Site and shaft installation</li></ul>	
					<ul> <li>Pipe piling works</li> </ul>	
					<ul> <li>Concreting for invert</li> </ul>	
					<ul> <li>Assembly for waterproofing and lining gantry</li> </ul>	
					ET conducted construction noise monitoring (Leq	
					(30 min)) at the monitoring location, SKH Tsoi	
					Kung Po Secondary School (M-N3) in June 2022,	
					in accordance with the requirement set out in the	
					EM&A Manual. The noise monitoring results	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action carried out in June 2022 complied with the noise criteria stipulated in EIAO-TM. ET conducted weekly site inspections on 28 June 2022, no particular observations and recommendations were made regarding the noise impact from the inspection team. According to the information provided by the Contractor, the construction activities from 19:00 hours on 9 June 2022 to 07:00 hours on 10 June 2022, mainly included: <u>Ground-level</u> > No construction activities <u>Inside the closed shaft enclosure</u> > Dismantling formwork > Breaking > Mapping > Shotcreting > Lifting > Drilling > Mucking out According to the information provided by the Contractor, the construction activities from 19:00 hours on 16 June 2022 to 07:00 hours on 17 June	Status

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul> <li>No construction activities</li> <li><u>Inside the closed shaft enclosure</u></li> </ul>	
					<ul> <li>Mucking Out</li> <li>Lining</li> <li>Breaking</li> <li>Mapping</li> <li>Shotcreting</li> <li>Drilling</li> <li>Lifting</li> </ul>	
					According to the information provided by the Contractor, the construction activities from 19:00 hours on 17 June 2022 to 07:00 hours on 18 June 2022, mainly included: <u>Ground-level</u>	
					<ul> <li>No construction activities</li> <li><u>Inside the closed shaft enclosure</u></li> </ul>	
					<ul> <li>Lining</li> <li>Breaking</li> <li>Mapping</li> <li>Shotcreting</li> <li>Drilling</li> <li>Mucking Out</li> </ul>	
					<ul><li>Arch Installation</li><li>Lifting</li></ul>	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					The Contractor stopped the scaling works in 23:00	
					hours after receiving the complaint case and keep	
					continuous communication with the complainant	
					about the breaking works at night.	
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor had used the less powerful breaker	
					to minimize the noise nuisance.	
					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.	
					The Contractor has regularly assessed the extent	
					of noise impact on NSRs.	
					The Contractor agreed to avoid breaking directly	
					facing to the NSRs.	
					The Contractor agreed to stop the work that may	
					generate noise before 22:00 hours.	
					The Contractor agreed to shorten the working	
					hours of Celestial Heights from 08:00 to 22:00	
					hours on weekdays, 9:00 to 22:00 hours on	
					Saturdays and 10:00 to 22:00 hours on Sundays	
					and public holidays. The commencement time will	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					be adjusted due to the progress of the project. The Contractor agreed to keep monitoring the noise level weekly and review the work procedure to minimize the impact to the NSRs. 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.	
					The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary. 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.	
EC129_CKRCT20 220623_467	23 June 2022	Contract Complaint Hotline	The Contractor & Engineer	Noise	A resident of Ma Tau Wai Road complained about the noise nuisance generated from the Ho Man Tin tunnel works at the nighttime on 23 June 2022. He/ she requested the Contractor to stop all the tunnel works immediately.	Investigation report was finalized on 9 August 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					A complain was received from a resident of Hung Kwong Street on 23 June 2022. He/she complained about the noise nuisance generated from the Ho Man Tin tunnel works at the nighttime and the construction works were stopped only when there were complaints. He/ she requested the Contractor to be disciplined and to stop all the tunnel works immediately. According to the information provided by the Contractor, the construction activities from 19:00 on 23 June 2022 to 07:00 on 24 June 2022, mainly included:	
					Ground-level         No construction activities         Inside the closed shaft enclosure         Lining         Breaking         Excavation         Mapping         Shotcreting         Drilling         Mucking Out         Lifting         The Contractor stopped the breaking works immediately after receiving the complaint cases.	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor had used the less powerful breaker to minimize the noise nuisance.	
					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.	
					The Contractor has regularly assessed the extent of noise impact on NSRs.	
					The Contractor agreed to avoid breaking directly facing to the NSRs.	
					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.	
					The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary. The Contractor was reminded to take remedial	

Complaint Log No.	Date of Complaint	Received From	Received	Nature of Complaint	Investigation/Mitigation Action	Status
EC130_CKRCT20	30 June 2022	Contract	By The	Noise	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. A resident of Celestial Heights complained about	Investigation
220630_474		Complaint Hotline	Contractor & Engineer		the noise nuisance generated from the Ho Man Tin site on 24 June 2022. The resident complained about the chiseling sound generated from the tunnel works during nighttime. He/she requested the Contractor stop all the tunnel works immediately. The office of Legislative Councilor referred the complains from the residents of Hung Kwong Street about the ground-borne noise generated from the Ho Man Tin tunnel works after 24:00 hours on 30 June 2022. He/she requested the Contractor to carry out the investigation, provide appropriate responses for follow-up actions and stop the construction work before 23:00 hours. According to the information provided by the Contractor, the construction activities from 19:00 hours on 24 June 2022 to 07:00 hours on 25 June 2022, mainly included: > Lining > Mapping > Shotcreting	report was finalized on 9 August 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<ul> <li>Excavation</li> <li>Mapping</li> <li>Breaking</li> <li>Drilling</li> <li>Mucking Out</li> <li>Arch Installation</li> </ul>	
					<ul> <li>Lifting</li> <li>According to the information provided by the Contractor, the construction activities from 19:00 hours on 29 June 2022 to 07:00 hours on 30 July 2022, mainly included:</li> <li>Mucking Out</li> <li>Lining</li> <li>Breaking</li> <li>Mapping</li> <li>Shotcreting</li> <li>Drilling</li> <li>Housekeeping</li> <li>Lifting</li> <li>Excavation</li> <li>The Contractor agreed to arrange an engineer to station onsite at all times to ensure the tunneling</li> </ul>	
					works would not induce unnecessary disturbance to the NSRs. The Contractor agreed to avoid breaking directly	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					facing to the NSRs.	
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor agreed to complete the work that may generate noise nuisance before 11:00 hours.	
					The Contractor agreed to keep investigating and modifying the construction procedures to minimize the impacts to NSRs.	
					The Contractor stopped the scaling work before 22:00 hours on 24 June 2022 and keep continuous communication with the complainant about the breaking works at night.	
					The Contractor had used the less powerful breaker to minimize the noise nuisance.	
					The Contractor agreed to shorten the working hours of Celestial Heights from 08:00 to 22:00 hours on weekdays, 9:00 to 22:00 hours on Saturdays and 10:00 to 22:00 hours on Sundays and public holidays. The commencement time will be adjusted due to the progress of the project.	
					The Contractor was suggested to maintain good relationship with the nearby sensitive receivers/ stakeholders which may be affected by the	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					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. 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- RE0448-22) condition 3.d.8. The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.	
EC131_CKRCT20 220709_480	9 July 2022	Contract Complaint Hotline	The Contractor & Engineer	Noise	The secretary of the Felix Co-operative Building Society of Maidstone Road referred a complaint about the noise nuisance generated from the Ho Man Tin trunnel works from 07:00 hours to 08:00 hours and around 22:00 hours on 8 July 2022. The complainant requested the Contractor to provide appropriate responses for follow-up actions. The complainants of Celestial Heights complained about the noise nuisance generated from the Ho Man Tin tunnel works on 9 July 2022 and previous Saturday and Sunday. The same noise nuisance was happened one night earlier in 2:30 hours to 3:00 hours. He/she requested the Contractor to	Investigation report was finalized on 10 August 2022

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					finish the construction works before 22:00 hours.	
					<ul> <li>Based on the information from the Contractor, the daytime activities from 07:00 – 19:00 hours on 7 July 2022, mainly included:</li> <li>Drill and blast excavation</li> <li>Tunnel mixed ground/soft ground excavation</li> <li>Canopy and arch rib installation</li> <li>Tunnel smoothing works</li> <li>Mucking out from the tunnel</li> <li>Modification of dewatering system</li> </ul>	
					<ul> <li>Site and shaft installation</li> <li>Pipe piling works</li> <li>Concreting for invert</li> <li>Waterproofing and lining gantry</li> <li>These activities were conducted in accordance</li> <li>with the requirement set out in the Technical</li> <li>Memorandum of Environmental Impact</li> </ul>	
					Assessment Ordinance (EIAO-TM). ET conducted construction noise monitoring (Leq (30 min)) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-N3), in July 2022, in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in July 2022 complied with the noise criteria stipulated in EIAO-TM. ET conducted weekly site inspections on 12 and	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					26 July 2022, no particular observations and	
					recommendations were made regarding the noise	
					impact from the inspection team.	
					According to the information provided by the	
					Contractor, the construction activities from 19:00	
					on 7 July 2022 to 07:00 on 8 July 2022, mainly	
					included:	
					> Lining	
					> Drilling	
					Mucking Out	
					Breaking	
					Mapping	
					Shotcreting	
					<ul> <li>Arch Installation</li> </ul>	
					> Lifting	
					According to the information provided by the	
					Contractor, the construction activities from 19:00	
					hours on 9 to 07:00 hours on 10 July 2022, mainly	
					included:	
					> Lining	
					<ul> <li>Drilling</li> </ul>	
					Breaking	
					Mapping	
					Shotcreting	
					Mucking Out	
					> Lifting	
					Supervision by Resident Site Staff (RSS) of the	

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					Project to monitor the site work activities and audit the noise mitigation measures implemented on-site by ET and RSS.	
					The Contractor had installed the full enclosure to minimize the noise nuisance.	
					The Contractor had used the less powerful breaker to minimize the noise nuisance.	
					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.	
					The Contractor has regularly assessed the extent of noise impact on NSRs.	
					The Contractor agreed to avoid breaking directly facing to the NSRs.	
					The Contractor agreed to stop the work that may generate noise before 23:00 hours.	
					The Contractor had stopped the breaking work in 22:00 hours after receiving the complaint.	
					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	

Complaint Log	Date of	Received	Received	Nature of	Investigation/Mitigation Action	Status
No.	Complaint	From	Ву	Complaint		
					detailed information of the work nature and informing in advance of the noisy works to the nearby residents.	
					The Contractor was suggested to carry out noise monitoring at the sensitive receiver while conducting tunneling works if necessary.	
					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.	
EC132_CKRCT20	25 July 2022	Contract	The	Noise	Investigation results will be reported in the	Under
220725_492		Complaint	Contractor		subsequent Monthly EM&A Report.	investigation
		Hotline	& Engineer			

## 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	2	0	0
Cumulative Project-to-Date	133	0	0

	Table K-3	Cumulative Statistics on Monitoring Exceedance
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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	2	0
	Cumulative Project-to-Date	113	0