

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
EC082_CKRCT20 210925_324	25 September 2021	Email & Contract Complaint Hotline	The Contractor & Engineer	Air, Odour & Light Pollution	<p>A resident of Cascades complained about the air, odour nuisance and light pollution generated from the Ho Man Tin construction site. The complainant worried about the unknown smoke and the light pollution will cause health issues to nearby residents. In addition, the complainant strongly requested the Contractor to minimize the light pollution and to disclose the unknown smoke ingredients.</p> <p>Based on the information from the Contractor, the lightings were located near the Ultima and the site exit gate. However, the Contractor could not turn off all the lightings due to safety and security reasons. The Contractor had switched off the unnecessary lightings immediately after receiving the complaint.</p> <p>Based on the information from the Contractor, the daytime activities from 07:00-19:00 on 25 September 2021, mainly included drill and blast excavation, site and shaft installation and mucking out from tunnel in accordance with the requirement set out in Technical Memorandum of Environmental Impact Assessment Ordinance (EIAO-TM).</p>	Investigation report was finalized on 1 Nov 2021

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>ET conducted construction dust monitoring (1-hr TSP & 24-hr TSP) at the monitoring location, SKH Tsoi Kung Po Secondary School (M-A3) in September 2021, in accordance with the requirement set out in the EM&A Manual. The monitoring results carried out in September 2021 complied with the air quality impact criteria stipulated in EIAO-TM.</p> <p>ET conducted weekly site inspection on 14th September and 5th October 2021, no particular observation and recommendation was made regarding the air and odour impact from the inspection team.</p> <p>According to the information provided by the Contractor, an immediate investigation was carried out by the construction team on 25 September 2021, and there was no particular observation on the air and odour nuisance.</p> <p>An additional inspection was carried out by ET with ER on 16th September 2021 starting from 14:00, followed by the blasting works conducted at 14:30. Three (3) additional odour monitoring points (i.e. Ho Man Tin Government offices, Ho Man Tin Ambulance Depot and Carmel-On-The-Hill) were set up for additional monitoring. In addition, each</p>	

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					<p>monitoring point was monitored for 15 mins to identify any odour impact from blasting works. No particular observation and recommendation was made regarding the air and odour impact from the inspection team.</p> <p>The following mitigation measures and site arrangement were taken to reduce light nuisance:</p> <ul style="list-style-type: none"> • The Contractor had installed lamp shades and coated the lightings with yellow colour to minimize the light nuisance. • The Contractor had adjusted the angle of the illuminator to shoot towards the ground. • The Contractor had installed the LED lightings with cover at the lower position around the emergency escape route to avoid turning on unnecessary lightings. • The Contractor had provided the contact number of the site engineer to the complainant as necessary. • The Contractor had switched off the unnecessary lightings during night-time. • Supervision by Resident Site Staff (RSS) of the Project to monitor the site work activities and auditing the dust and odour mitigation measures implemented on-site by ET and RSS; • The Contractor agreed to increase the 	

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					<p>frequency of cleaning the air filters;</p> <ul style="list-style-type: none"> • The Contractor agreed to extend the existing ventilation outlet to allow more time suppressing the dust; • The Contractor agreed to inspect the existing nozzle spray system regularly to ensure the dust can be suppressed as much as possible prior to discharge to the atmosphere. <p>The Contractor was reminded that all lightings in the construction site shall be carefully control to minimize light pollution and night-time glare to nearby residences.</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 works to the nearby residents.</p> <p>The Contractor was suggested to carry out additional dust and odour monitoring to prevent the impact.</p> <p>The Contractor was suggested to conduct laboratory tests of the fume and provide</p>	

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					better/more detailed information to the public.	
EC083_CKRCT20 210930_325	30 September 2021	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise & Air	<p>The resident of Grand Waterfront complained about the noise and air nuisance generated from Ma Tau Kok Site during daytime. He/she complained about the noise and dust generated from the site may cause health issues. The complainant requested the Contractor to carry out the investigation and to 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 30th September 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>According to the information provided by the Contractor, an immediate investigation was carried out by the construction team on 30th September 2021, and there was no particular observation on the noise and air nuisance.</p> <p>ET conducted weekly site inspection on 28th September 2021, the Contractor was reminded</p>	Investigation report was finalized on 1 Nov 2021

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
					<p>to provide wheel washing for all vehicles that leave the construction site to prevent dusty material out of the site boundary. The item was rectified by the Contractor on 28 September 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 noise monitoring (Leq (30 min)) was conducted at the monitoring locations, Block B of Merit Industrial Centre (E-N21a) and 19 Hing Yan Street (E-N12a) in September 2021 in accordance with the requirement set out in the EM&A Manual. The noise monitoring results carried out in September 2021 complied with the noise criteria stipulated in EIAO-TM.</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 Centre (E-A14a) in September 2021, in accordance with the requirement set out in the</p>	

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					<p>EM&A Manual. The monitoring results carried out in September 2021 complied with the action and limit levels stipulated in EM&A Manual.</p> <p>The following mitigation measures and site arrangement were taken to reduce noise, air and odour nuisance:</p> <ul style="list-style-type: none"> • 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. • The Contractor agreed to provide proper training to increase worker's awareness on odour nuisance. • The Contractor had erected additional temporary noise barriers (3-sides) for the localized activities. • The Contractor agreed to increase the frequency of water spraying while conducting dusty works. • The noise enclosure was under constructed in Ma Tau Kok site and expected to complete in end of 2021. <p>Apart from the above mitigation measures and site arrangement taken or to be taken by the</p>	

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					<p>Contractor, the Contractor was reminded that the machines and plant should be well-maintained. The machineries should be shut down while not in used to minimize the noise nuisance.</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 works to the nearby residents.</p>	
EC084_CKRCT20 211004_337	4 October 2021	1823	The Contractor & Engineer	Construction Noise	<p>A complainant of Chak Fung House complained about the noise nuisance from the works at the Yau Ma Tei site on 1 October 2021.</p> <p>The Environmental Protection Department (EPD) referred a complaint case to the Contractor on 4 October 2021, regarding noise nuisance from the works at Yau Ma Tei site.</p> <p>According to the information provided by the Contractor, no construction activities were conducted at the ground level. Only breaking and drilling were carried out inside the closed shaft enclosure and tunnel during the</p>	Investigation report was finalized on 10 Nov 2021

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					<p>restricted hours (07:00 – 23:00 hours) on 1 October 2021. All Powered Mechanical Equipment (PME), including breaker and rock drill were operated underground works area B and C (Tunnel section) with covering by acoustic cover, in accordance with the conditions in the valid Construction Noise Permit (CNP No.: GW-RE0939-21), and were used within the restricted hours (07:00 – 23:00 hours).</p> <p>The following mitigation measures and site arrangement were taken to reduce noise nuisance:</p> <ul style="list-style-type: none"> • The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday. • 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 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 assess the extent of noise impact to Chak Fung 	

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					<p>House regularly.</p> <ul style="list-style-type: none"> The Contractor agreed to avoid breaking directly facing to the NSRs. <p>Apart from these mitigation measurements, EPD encouraged the Contractor to contact the complainant directly to understand the extent of the impact. The Contractor advised the complainant on:</p> <ul style="list-style-type: none"> The construction progress; The mitigation measures above, and On sudden occasions to use a powerful breaker to remove the dangerous loose rocks. <p>The complainant understood the nature of works using breaker but still requested the project team to stop breaking before 22:00 hours on any day and to start breaking not earlier than 09:00 hours on Sunday or public holiday.</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</p>	

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					<p>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>	
EC85_CKRCT202 11006_329	6 October 2021	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise	<p>A residents of Chung Man House complained about noise nuisance generated from the Ho Man Tin construction site on 6 October 2021 around 07:30 to 07:45 hours. He/she suggested to re-sequence the tunnel activities and start after 9:00 hours. He/she requested the Contractor to carry out the investigation and to provide appropriate responses for follow-up actions.</p> <p>Based on the information from the main contractor, the daytime activities from 07:00 – 19:00 on 6 October 2021, mainly included mucking out activities, general lifting, earthwork, and tunnel activities, in accordance with the requirement set out in 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 October 2021, in accordance with the requirement set out in the EM&A Manual. The</p>	Investigation report was finalized on 10 Nov 2021

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					<p>noise monitoring results carried out in October 2021 complied with the noise criteria stipulated in EIAO-TM.</p> <p>ET conducted weekly site inspection on 5 October 2021, and no particular observation or recommendation was made regarding the noise impact from the inspection team.</p> <p>The following mitigation measures and site arrangement were taken to reduce noise nuisance:</p> <ul style="list-style-type: none"> • Supervision by Resident Site Staff (RSS) of the Project to monitor the site work activities and auditing the noise mitigation measures implemented on-site by ET and RSS, such as sequencing the operation of construction plants to minimize noise from the construction site; • The Contractor had erected the noise screens to minimize the noise nuisance. • The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday. • The Contractor had covered the tunnel with the acoustic door to minimize the noise nuisance. • The Contractor had used the less powerful breaker to minimize the 	

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					<p>noise nuisance.</p> <ul style="list-style-type: none"> • 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 avoid breaking directly facing to the NSRs. <p>In addition, the complainant considered the effectiveness of the measures was not effective. Apart from the mitigation measurements above, the Contractor was obliged to shorten working hours using breaker as requested by the complainant (i.e. 08:00 hours to 23:00 hours).</p> <p>Apart from the above mitigation measures and site arrangement taken or to be taken by the Contractor, The Contractor was reminded that the machines and plant should be well-maintained. The machineries should be shut down while not in use to minimize the noise nuisance.</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 detail information of the work nature and inform in advance of the works to the nearby residents.</p>	

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EC086_CKRCT20 211013_331	13 October 2021	Contract Complaint Hotline	The Contractor & Engineer	Construction Noise	<p>A complainant of Chak Fung House complained about the noise nuisance from the works at the Yau Ma Tei site on 1 October 2021. In addition, the complainant complained about the ground- borne noise generated from the Yau Ma Tei site on 11 October 2021. The situation had continual until 23:00 hours and seriously affected the complainant's health condition. The complainant requested the Contractor to carry out the investigation and to provide appropriate responses for follow-up actions.</p> <p>According to the information provided by the Contractor, no construction activities were conducted at the ground level. Only breaking and drilling were carried out inside the closed shaft enclosure and tunnel during the restricted hours on 1 October 2021.</p> <p>In addition, no construction activities were conducted at the ground level. Drilling, mapping, shotcreting and mucking out were carried out inside the closed shaft enclosure and tunnel during the restricted hours on 11 October 2021.</p> <p>All Powered Mechanical Equipment (PME), including breaker, rock drill, cherry picker loader etc. were operated underground works area B and C (Tunnel section) with covering by acoustic cover, in accordance with the</p>	Investigation report was finalized on 10 Nov 2021

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					<p>conditions in the valid Construction Noise Permit (CNP No.: GW-RE0939-21), and were used within the restricted hours.</p> <p>The following mitigation measures and site arrangement were taken to reduce noise nuisance:</p> <ul style="list-style-type: none"> • The Contractor had re-sequenced the works cycle to minimize the noise nuisance on public holiday. • 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 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 assess the extent of noise impact to Chak Fung House regularly. • The Contractor agreed to avoid breaking directly facing to the NSRs. <p>Apart from these mitigation measurements, EPD encouraged the Contractor to contact the complainant directly to understand the extent</p>	

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					<p>of the impact. The Contractor advised the complainant on:</p> <ul style="list-style-type: none"> • The construction progress; • The mitigation measures above, and • On sudden occasions to use a powerful breaker to remove the dangerous loose rocks. <p>The complainant understood the nature of works using breaker but still requested the project team to stop breaking before 22:00 hours on any day and to start breaking not earlier than 09:00 hours on Sunday or public holiday.</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>	
EC087_CKRCT20 211020_334	20 October 2021	Contract Complaint	The Contractor	Construction	Investigation results will be reported in the subsequent Monthly EM&A Report.	Under investigation

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Complaint	Investigation/Mitigation Action	Status
		Hotline	& Engineer	Noise		
EC088_CKRCT20 211022_335	22 October 2021	Contract Complaint Hotline	The Contractor & Engineer	Construction 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	5	0	0
Cumulative Project-to-Date	88	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	5	0
	Cumulative Project-to-Date	71	0