

Appendix 14.1

Summary of Environmental Impacts

Summary of environmental impacts associated with the Project

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
Air Quality					
Construction Phase					
Existing residential, premises, educational institutions, government within Project Site. 35 assessment points (refer to Figure 4.3.1)	TSP <ul style="list-style-type: none"> Max. 1-hour average TSP conc.: 467 – 3,554$\mu\text{g}/\text{m}^3$ RSP <ul style="list-style-type: none"> 10th highest 24-hour average RSP conc.: 92 – 210$\mu\text{g}/\text{m}^3$ Annual average RSP conc.: 45 – 107$\mu\text{g}/\text{m}^3$ FSP <ul style="list-style-type: none"> 10th highest 24-hour average RSP conc.: 63 – 83$\mu\text{g}/\text{m}^3$ Annual average RSP conc.: 31 – 39$\mu\text{g}/\text{m}^3$ 	<ul style="list-style-type: none"> TM-EIAO and AQO 1-hr Average TSP Conc: 500 $\mu\text{g}/\text{m}^3$ 24-hr Average RSP Conc: 100 $\mu\text{g}/\text{m}^3$ (Number of exceedance allowed : 9) Annual Average RSP Conc: 50 $\mu\text{g}/\text{m}^3$ 24-hr Average FSP Conc: 75 $\mu\text{g}/\text{m}^3$ (Number of exceedance allowed : 9) Annual Average FSP Conc: 35 $\mu\text{g}/\text{m}^3$ 	TSP <ul style="list-style-type: none"> Exceed TM-EIAO (1-hr) criterion by up to 3,504 $\mu\text{g}/\text{m}^3$ RSP <ul style="list-style-type: none"> Exceed AQO (24-hr) criterion by up to 110 $\mu\text{g}/\text{m}^3$ Exceed AQO (Annual) criterion by up to 57 $\mu\text{g}/\text{m}^3$ FSP <ul style="list-style-type: none"> Exceed AQO (24-hr) criterion by up to 8 $\mu\text{g}/\text{m}^3$ Exceed AQO (Annual) criterion by up to 4 $\mu\text{g}/\text{m}^3$ 	<ul style="list-style-type: none"> Watering once per hour on the active works areas, exposed area; and paved haul roads to reduce dust emission Dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation and good site practices would be carried out to further minimise construction dust impact 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated

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Existing residential, premises, educational institutions, government near off-site barging point at Siu Lam	<ul style="list-style-type: none"> Impacts are unlikely 	<ul style="list-style-type: none"> TM-EIAO and AQO 1-hr Average TSP Conc: 500 $\mu\text{g}/\text{m}^3$ 24-hr Average RSP Conc: 100 $\mu\text{g}/\text{m}^3$ (Number of exceedance allowed : 9) Annual Average RSP Conc: 50 $\mu\text{g}/\text{m}^3$ 24-hr Average FSP Conc: 75 $\mu\text{g}/\text{m}^3$ (Number of exceedance allowed : 9) Annual Average FSP Conc: 35 $\mu\text{g}/\text{m}^3$ 	<ul style="list-style-type: none"> Impacts are unlikely 	<ul style="list-style-type: none"> All road surface within the barging facilities will be paved Dust enclosures will be provided for the loading ramp, installation of 3-sided screen with top cover and the provision of water sprays at the discharge point would be provided Vehicles will be required to pass through designated wheel wash facilities Continuous water spray at the loading point 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Operational Phase					
Existing residential, premises, educational institutions,	<p>NO₂</p> <ul style="list-style-type: none"> 19th highest 1-hour Average 	<ul style="list-style-type: none"> AQO 1-hr Average NO₂ 	<ul style="list-style-type: none"> No exceedances are predicted at all ASRs 	<ul style="list-style-type: none"> No mitigation measures are proposed as the predicted 	<ul style="list-style-type: none"> No adverse residual impacts would be

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<p>government.</p> <p>Future organic waste treatment facilities.</p> <p>35 assessment points (refer to Figure 4.3.2)</p>	<p>NO₂ Conc.: 114 – 134 µg/m³</p> <ul style="list-style-type: none"> • Annual Average NO₂ Conc.: 18 – 32 µg/m³ <p>RSP</p> <ul style="list-style-type: none"> • 10th highest 24-hour Average RSP Conc.: 84 – 86 µg/m³ • Annual Average RSP Conc.: 42 – 44 µg/m³ <p>FSP</p> <ul style="list-style-type: none"> • 10th highest 24-hour Average RSP Conc.: 63 – 65 µg/m³ • Annual Average RSP Conc.: 30 – 31 µg/m³ 	<p>Conc: 200 µg/m³ (Number of exceedance allowed : 18)</p> <ul style="list-style-type: none"> • Annual Average NO₂ Conc: 40 µg/m³ • 24-hr Average RSP Conc: 100 µg/m³ (Number of exceedance allowed : 9) • Annual Average RSP Conc: 50 µg/m³ • 24-hr Average FSP Conc: 75 µg/m³ (Number of exceedance allowed : 9) • Annual Average FSP Conc: 35 µg/m³ 		<p>concentrations are all within the respective criteria</p>	<p>anticipated</p>

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
Noise					
Construction Phase					
<p>Existing residential premises in the vicinity</p> <p>26 assessment points (refer to Figure 5.5.1 to Figure 5.5.9)</p>	<ul style="list-style-type: none"> Predicted construction noise levels would range from 57 to 93 dB(A) 	<ul style="list-style-type: none"> TM-EIAO Annex 5 for non-restricted hours for domestic premises: 75 dB(A) 	<ul style="list-style-type: none"> Exceed the TM-EIAO noise criterion by up to 18 dB(A) 	<ul style="list-style-type: none"> Adoption of good site practices to limit noise emissions at the source Use of quality powered mechanical equipment (QPME) Use of site hoarding as noise barrier to screen noise at ground level of NSRs Use of temporary noise barriers, noise enclosure and acoustic mat to screen noise from relatively static PMEs; and alternative use of plant items within one worksite, wherever practicable 	<ul style="list-style-type: none"> The mitigated predicted construction noise levels for the Project alone would range from 57 to 75 dB(A) within the criterion No adverse residual noise impact would be anticipated.

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Operational Phase					
<p>Existing residential premises in the vicinity</p> <p>Planned residential premises near Muk Wu Nga Yiu</p> <p>41 Noise Sensitive Receivers (61 assessment points) (refer to Figure 5.6.1 to Figure 5.6.8)</p>	<ul style="list-style-type: none"> • Predicted noise levels would be in the range of 57 to 78 dB(A) during normal days and 58 to 76 dB(A) during festive days. (See Appendix 5.12 for details) 	<ul style="list-style-type: none"> • TM-EIAO Annex 5: ANL 	<ul style="list-style-type: none"> • Exceed TM-EIAO criterion by up to 8dB(A) during normal days and 6dB(A) during festive days 	<ul style="list-style-type: none"> • Implementation of absorptive noise barriers and low noise road surfacing materials along Lin Ma Hang Road and Sha Ling Road (refer to Figure 5.6.9 to Figure 5.6.13) 	<ul style="list-style-type: none"> • The predicted mitigated operational traffic noise would be in the range from 49 to 77 dB(A) during normal days and 52 to 76 dB(A) during festive days. (See Appendix 5.13 for details) • Though exceedance is still predicted at some NSRs during normal days and festive days after implementation of recommended mitigation measures, considering the project road noise level would comply the noise criteria, and the project road contribution and project impact

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					significance would be less than 1 dB(A), indirect mitigation is not required • Adverse residual impacts due to the project are insignificant would be anticipated
Water Quality					
Construction Phase					
WSRs including Nam Hang Stream along the east boundary of the project site, wetlands and nearby wet woodland in the Conservation Area (CA) near Yuen Leng Chai	Water quality in WSRs would be deteriorated by: • Construction site runoff • Sewage from the workforce	• TM-EIAO • Water Pollution Control Ordinance (WPCO) (Cap. 358) • Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM-DSS)	• Not applicable	• Provision of temporary drainage system to ensure that the surface run-off with high concentration of suspended solid (SS) would not be discharged to the existing wet woodland area located at the north of the site • Best management	• No unacceptable water quality impacts would be anticipated

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
		<ul style="list-style-type: none"> Practice Note for Professional Persons (ProPECC) PN 1/94 		<p>practices with reference to ProPECC PN 1/94 should be implemented</p> <ul style="list-style-type: none"> Provision of temporary sanitary facilities e.g. portable chemical toilets, and sewage holding tank 	
<p>WSRs near off-site barging point at Siu Lam</p>	<ul style="list-style-type: none"> Impacts are unlikely 	<ul style="list-style-type: none"> TM-EIAO Water Pollution Control Ordinance (WPCO) (Cap. 358) Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM-DSS) Practice Note for Professional Persons 	<ul style="list-style-type: none"> Impacts are unlikely 	<p><u>Land-based works</u></p> <ul style="list-style-type: none"> Best management practices with reference to ProPECC PN 1/94 should be implemented Provision of temporary sanitary facilities e.g. portable chemical toilets, and sewage holding tank <p><u>Operation of Proposed Barging Point at Siu</u></p>	<ul style="list-style-type: none"> No unacceptable water quality impacts would be anticipated

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		(ProPECC) PN 1/94		<p><u>Lam</u></p> <ul style="list-style-type: none"> • All barges should be fitted with tight bottom seals to prevent leakage of materials during transport • Barges or hoppers should not be filled to a level that will cause overflow of materials or polluted water during loading or transportation • All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or 	

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				propeller wash • Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water	
Operational Phase					
Deep Bay Water Control Zone and wet woodland near the Conservation Area located at the north of the Project	Water quality in Deep Bay would be deteriorated by: <ul style="list-style-type: none"> • Sewage generated by visitors and workers in the development • Non-point source pollution from the project site and associated roads • Hydrological impact to the wet woodland because of change in groundwater hydrology by the platform and its associated foundation structure • Water quality impact due to non-point source pollution from 	<ul style="list-style-type: none"> • Relevant standards/criteria stipulated under the TM-EIAO, WPCO, TM-DDS and ProPECC 5/93 	<ul style="list-style-type: none"> • Not applicable 	<ul style="list-style-type: none"> • Implementation of the mitigation measures including proper sewerage and drainage systems • Optimizing the design of the platform, foundation design and the drainage system are to reduce the hydrological impact including groundwater and surface water to the wet woodland 	<ul style="list-style-type: none"> • No unacceptable water quality impacts would be anticipated

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	the proposed platform • Potential erosion due to increased runoff in high momentum from the proposed platform through the seasonal watercourses				
Waste					
Construction Phase					
Water quality, air and noise sensitive receivers at or near the Project site, the waste transportation routes and the waste disposal site.	• It is estimated that 397,300m ³ of inert C&D material would be generated in which 232,490m ³ would be reused on-site and the remaining 164,810m ³ would be reused off-site in other concurrent projects. 493,000m ³ of rock would be generated in which 179,010m ³ would be reused on-site and the remaining 313,990m ³ would be reused in other concurrent projects. 3,700m ³ of AHM would be generated in which 700m ³ would be reused on-site and the remaining 3,000m ³ would be reused off-site in other	• TM-EIAO Annex 7 and Annex 15 • Waste Disposal Ordinance (Cap. 354) • Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354C) • Land (Miscellaneous Provisions) Ordinance (Cap. 28) • Public Health and Municipal Services Ordinance (Cap. 132) -	• Not applicable	• Standard formwork or pre-fabrication should be used as much as possible in order to minimise the arising of C&D materials. Any C&D materials generated would be reused (i.e. within the site and other concurrent projects) as far as practicable	• No residual impacts would be anticipated

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	<p>concurrent projects. It is estimated that 21,300m³ of top soil and 700m³ of vegetation would be generated and all of them will be disposed to NENT Landfill.</p> <ul style="list-style-type: none"> It is estimated that 140 tonne of general refuse, paper, metals, plastics, etc. would be generated, in which 15 tonne will be reused on-site and the remaining 125 tonne will be collected by recycler and/or disposed to NENT Landfill. A few hundred litres / kilograms of chemical waste will be generated per month and it would be recycled by licensed facility as far as possible. The remaining chemical waste would be disposed of at CWTC. 45m³/day of sewage will be generated and the chemical toilets will be collected and disposed by licensed collector. 	<p>Public Cleansing and Prevention of Nuisances Regulation</p> <ul style="list-style-type: none"> Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N) 			

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Operational Phase					
Water quality, air and noise sensitive receivers at or near the Project Site, the waste transportation routes and the waste disposal site.	<ul style="list-style-type: none"> An insignificant amount of general refuse mainly comprising debris, waste paper and plastic bottle etc. would be generated from the road networks for the C&C facilities 	<ul style="list-style-type: none"> Waste Disposal Ordinance (Cap. 354) Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354C) 	<ul style="list-style-type: none"> Not applicable. 	<ul style="list-style-type: none"> A reputable waste collector should be employed to remove general refuse during routine road cleaning activities on the roads network for the C&C facilities 	<ul style="list-style-type: none"> No residual impacts would be anticipated
Land Contamination					
Construction Phase					
Potential land contamination sites within the Project Area	<ul style="list-style-type: none"> Based on the findings in desktop study and site survey, one potentially contaminated site (SRC-1) within the Area has been identified. According to the latest land resumption programme as advised by Engineer, only the western portion of SRC-1 with an area of approximate 1,200m² inside private lot would require land resumption for the road widening 	<ul style="list-style-type: none"> Section 3 (Potential Contaminated Land Issues) of Annex 19 “Guidelines for Assessment of Impact on Sites of Cultural Heritage and Other Impacts” of the TM-EIAO Guidance Note for Contaminated Land Assessment and 	<ul style="list-style-type: none"> Not applicable. 	<ul style="list-style-type: none"> Since approximate 92 % of the site (~7,700m²) is located within a private land lot and it is currently under operation, it is recommended that re-appraisal should be carried out by the Project Proponent (PP) once the works area for the Project is 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated

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	<p>work at Sha Ling Road and utilities construction works nearby. For the portion of the site (~620m²) which falls within government lot (to the southeast of SRC-1), only paved ground was observed and neither concrete & asphalt production nor open storage activities were observed during the site survey. In addition, review of historical aerial photos (since Year 1973) also revealed no sign of land contamination. As such, SI is considered not required for this strip of land and the necessity of SI should focus on the western portion of SRC-1 once the land is resumed and free for access</p>	<p>Remediation”</p> <ul style="list-style-type: none"> • Practice Guide for Investigation and Remediation of Contaminated Land • Guidance Manual for Use of Risk-based Remediation Goals for Contaminated Land Management 		<p>confirmed and site access is available (e.g. after land resumption), in order to identify any hot spots for SI within the southeast and western portions of SRC-1. Should the findings of the re-appraisal identify signs of land contamination potential, the PP would need to prepare a Contamination Assessment Plan (CAP) presenting the findings of the re-appraisal and strategy of the recommended SI, if required, and submit to EPD for review and approval</p> <ul style="list-style-type: none"> • Following the submission of Contamination Assessment Plan 	

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				<p>(CAP), if required, a Contamination Assessment Report (CAR) needs to be prepared to present the findings and evaluate the level and extent of potential contamination. If land contamination is identified and remediation is required, a Remediation Action Plan (RAP) will be prepared to recommend specific remediation measures. Upon completion of the remediation works, if any, a Remediation Report (RR) that demonstrates the clean-up works are adequate would also be prepared. CAR, RAP</p>	

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				and RR would be submitted to EPD for approval prior to commencement of any construction.	
Operational Phase					
• Not applicable	• Not applicable	• Not applicable	• Not applicable	• Not applicable	• Not applicable
Ecology					
Construction Phase					
Upland grassland • Flora of Conservation importance (i.e. orchids) • Nesting birds • Grassland dependant butterfly species	Habitat loss • 10.4ha of grassland • Direct loss of orchids • Direct impacts (mortality, abandonment of nests) to Golden-headed Cisticola and other nesting species	• Forests and Countryside Ordinance (Cap. 96) and its subsidiary legislation, the Forestry Regulations • Wild Animals Protection Ordinance (Cap. 170) • Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) and relevant annexes 8, 11, 16, 20 and 21 of the	• Not applicable	• Grassland reinstatement plan • Comprehensive vegetation survey and transplantation Plan transplanting floral species of conservation importance prior to any soil removal or site clearance • Phased clearance of grassland (i.e. outside of bird breeding	• No adverse residual impacts would be anticipated

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		associated Technical Memorandum <ul style="list-style-type: none"> Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586) and its subsidiary legislation 		season) <ul style="list-style-type: none"> No site burning of waste Waste and refuse in appropriate receptacles Good Site Practices 	
Wet Woodland, Watercourses, Ponds (including Yuen Leng Chai Mitigation Wetland) <ul style="list-style-type: none"> Aquatic fauna 	<ul style="list-style-type: none"> Water Quality Impacts Mortality/disturbance of aquatic fauna 	<ul style="list-style-type: none"> Hong Kong Planning Standards and Guidelines (HKPSG) Chapter 10, "Conservation" 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Water control measures (ETWB TCW No. 5/2005) Prohibition of soil storage against trees or close to waterbodies 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Noise sensitive species	<ul style="list-style-type: none"> Disturbance and changes in behaviour 		<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Use of quieter plants and movable noise barrier No piling works close to wet woodland/woodland complex 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated

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				<ul style="list-style-type: none"> Works will be restricted to daytime and construction lighting will be positioned as to not to impact on adjacent ecologically sensitive areas 	
Operational Phase					
Upland grassland	<ul style="list-style-type: none"> Hill fire 	<ul style="list-style-type: none"> Forests and Countryside Ordinance (Cap. 96) and its subsidiary legislation, the Forestry Regulations Wild Animals Protection Ordinance (Cap. 170) Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) and relevant annexes 8, 11, 16, 20 and 21 of the associated Technical 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Provision of sufficient educational signage should be displayed throughout the columbarium and also alongside the hiking trail warning people of the risks of fire and strictly prohibits practices that could cause hill fires. 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Wet Woodland, Watercourses, Ponds (including Yuen Leng Chai Mitigation)	<ul style="list-style-type: none"> Water Quality Impacts Mortality/disturbance of aquatic fauna 	<ul style="list-style-type: none"> Forests and Countryside Ordinance (Cap. 96) and its subsidiary legislation, the Forestry Regulations Wild Animals Protection Ordinance (Cap. 170) Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) and relevant annexes 8, 11, 16, 20 and 21 of the associated Technical 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Water control measures (ETWB TCW No. 5/2005) 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated

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Wetland) <ul style="list-style-type: none"> • Aquatic Fauna 		Memorandum <ul style="list-style-type: none"> • Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586) and its subsidiary legislation • Hong Kong Planning Standards and Guidelines (HKPSG) Chapter 10, "Conservation" • Planning, Environment and Lands Bureau Technical Circular 1/97 / Works Branch Technical Circular 4/97, "Guidelines for Implementing the Policy on Off-site Ecological Mitigation Measures" 		<ul style="list-style-type: none"> • Surface runoff collected on the platform should be captured by a stormwater drainage system • By-pass drainage should be provided to divert extra runoff away from wet woodland • Foundation of platform structure compose of bore piles to allow groundwater infiltration 	
Light-sensitive fauna	<ul style="list-style-type: none"> • Disturbance 		<ul style="list-style-type: none"> • Not applicable 	<ul style="list-style-type: none"> • Detailed design of street lighting for project 	<ul style="list-style-type: none"> • No adverse residual impacts would be anticipated
Fisheries					
Construction Phase					

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Inactive, active, abandoned fish pond near Sandy Ridge C&C, Sha Ling Road and Man Kam To Road. 37 fish ponds (refer to Figure 10.1)	<ul style="list-style-type: none"> No impacts 	<ul style="list-style-type: none"> Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) TM-EIAO Annex 9 and Annex 17 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> No mitigation required 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Operational Phase					
Inactive, active, abandoned fish pond near Sandy Ridge C&C, Sha Ling Road and Man Kam To Road. 37 fish ponds (refer to Figure 10.1)	<ul style="list-style-type: none"> No impacts 	<ul style="list-style-type: none"> Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) TM-EIAO Annex 9 and Annex 17 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> No mitigation required 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Landscape and Visual Impact					
Construction Phase					
Hillside Woodland, Shrubby Grassland,	<ul style="list-style-type: none"> Approximately 1,300 nos. of 	<ul style="list-style-type: none"> Development Bureau Technical Circular 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Minimised construction works to 	<ul style="list-style-type: none"> There will be moderate and

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and Plantation within site	trees will be affected	(Works) (DEVB TCW) No. 07/2015 – Tree Preservation <ul style="list-style-type: none"> • Environmental Impact Assessment Ordinance (Cap.499) and the Technical Memorandum on Environmental Impact Assessment Process (TM), particularly Annexes 10 and 18 • EIAO Guidance Note No. 8/2010 on Preparation of Landscape and Visual Impact Assessment under the EIAO 		avoid impacts on adjacent landscape <ul style="list-style-type: none"> • Topsoil, where identified, should be stripped and stored for re-use in the construction • Screening of construction works by hoardings/noise barriers around works area in visually unobtrusive colours, to screen Works • Dust and Erosion Control for Exposed Soil • Control night-time lighting and glare by hooding all lights. • Tree Protection and Preservation 	substantial landscape impact on Hillside shrubby grassland. Woodland and plantation of transport corridor. <ul style="list-style-type: none"> • There will be landscape slight impact on lowland grassland and rural development • There will be slight visual impact on Residents of Sam Wo Public School and travellers along Man Kam To Road • There will be moderate visual impact on VSRs Residents of Villages along Man Kam To Road, San Uk Ling, and Muk Wu Nga Yiu

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
Operational Phase					
Hillside Woodland, Shrubby Grassland, and Plantation within site	<ul style="list-style-type: none"> Approximately 1,300 nos. of trees will be affected 	<ul style="list-style-type: none"> Development Bureau Technical Circular (Works) (DEVB TCW) No. 07/2015 – Tree Preservation Environmental Impact Assessment Ordinance (Cap.499.S.16) and the Technical Memorandum on Environmental Impact Assessment Process (TM), particularly Annexes 10 and 18 EIAO Guidance Note No. 8/2010 on Preparation of Landscape and Visual Impact Assessment under the EIAO 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Compensatory Woodland Planting Compensatory Tree Planting for Plantation and Other Vegetated Areas Amenity Planting for Pedestrian Walkway, Roadside - Roadside amenity planting should be provided Greening Works and Contour Grading Works on Cut/ Fill Slopes Greening on the proposed site formation platform Architectural and chromatic treatment of 	<ul style="list-style-type: none"> There will be slight landscape impact on Hillside shrubby grassland. Woodland and plantation of transport corridor. No residual visual impacts would be anticipated

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
				the hard architectural and engineering structures and facilities	
Cultural Heritage					
Construction Phase					
Sites of Archaeological Interest	<ul style="list-style-type: none"> No impacts 	<ul style="list-style-type: none"> Guidelines for Cultural Heritage Impact Assessment TM-EIAO Annex 10 and Annex 19 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> No mitigation required A requirement will be included in the contract document to request the contractor to inform the AMO if any antiquities or supposed antiquities are unearthed during the construction 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Built Heritage	<ul style="list-style-type: none"> Built heritage resources may be impacted by ground borne vibration 	<ul style="list-style-type: none"> Guidelines for Cultural Heritage Impact Assessment TM-EIAO Annex 10 and Annex 19 AMO Proposed 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> Condition Survey/ Vibration Monitoring/ Provision of Buffer Zones / Provision of Protective Covering 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated

Sensitive Receivers / Assessment Points	Impact Prediction Results (Without Mitigation)	Key Relevant Standards/Criteria	Extents of Exceedance (Without Mitigation)	Impact Avoidance Measures/Mitigation Measures	Residual Impacts (After Implementation of Mitigation Measures)
		Vibration Limits			
Operational Phase					
Sites of Archaeological Interest	<ul style="list-style-type: none"> No impacts 	<ul style="list-style-type: none"> Guidelines for Cultural Heritage Impact Assessment TM-EIAO Annex 10 and Annex 19 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> No mitigation required 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated
Built Heritage	<ul style="list-style-type: none"> No impacts 	<ul style="list-style-type: none"> Guidelines for Cultural Heritage Impact Assessment TM-EIAO Annex 10 and Annex 19 	<ul style="list-style-type: none"> Not applicable 	<ul style="list-style-type: none"> No mitigation required 	<ul style="list-style-type: none"> No adverse residual impacts would be anticipated