

Agreement No. SPW 07/2019

Shek Wu Hui Effluent Polishing Plant – Main Works Stage 1

Appendix B - Environmental Impact Monitoring Requirements

Table B-1 Air Quality Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Air Quality	1-hour TSP	3 times/day, once every 6 days	<ul style="list-style-type: none">• AM1 – Wai Loi Tsuen• AM2 – Fu Tei Au	<ul style="list-style-type: none">• AM1 – Ground Level• AM2 – Ground Level
	24-hour TSP	Once every 6 days	<ul style="list-style-type: none">• AM1a – Site Boundary of the Shek Wu Hui STW (East)• AM2a – Site Boundary of the Shek Wu Hui STW (North)	<ul style="list-style-type: none">• AM1a – Ground Level• AM2a – Ground Level

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Table B-2 Noise Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Construction Noise	L _{eq} , L ₉₀ & L ₁₀ at 30 minute intervals during (0700 to 1900 on normal weekdays)	Once per week	<ul style="list-style-type: none">• NM1 – Wai Loi Tsuen• NM2 – Fu Tei Au• NM3 – Man Kok Village	<ul style="list-style-type: none">• NM1 – Ground Level – Free Field• NM2 – Ground Level – Free Field• NM3 – Ground Level – Free Field

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Table B3 Ecological Monitoring

Type of Monitoring	Methodology	Location	Descriptions	Influenced by Tidal Action
Ecology	Weekly transect at both high and low tides to identify and enumerate all bird species utilizing the river channels and identify any sources of actual or potential disturbance to birds due to construction activities throughout the construction period.	<ul style="list-style-type: none"> • Transect T1 • Point Count Location P1 • Point Count Location P2 	Along Ng Tung River	No
		<ul style="list-style-type: none"> • Transect T2 • Point Count Location P3 • Point Count Location P4 		Yes
		<ul style="list-style-type: none"> • Point Count Location P5 	At Shek Sheung River (Low –flow Channel)	No
		<ul style="list-style-type: none"> • Transect T3 	Along Shek Sheung River & Sheung Yue River	Yes
		<ul style="list-style-type: none"> • Point Count Location P6 	At Shek Sheung River	Yes
		<ul style="list-style-type: none"> • Point Count Location P7 	At Interscetion between Sheung Yue River and Shek Sheung River	Yes