ANNEX 4A
SUMMARY OF BASELINE NOISE MONITORING

1. The locations of the baseline noise monitoring station are shown in **Figure Annex 4A**.

2. Baseline noise monitoring was conducted for one day at each location from 21 January to 22 January 2014 (N1 to N4) and from 22 January to 23 January 2014 (N5 to N8). Other information relating to the baseline noise monitoring are tabulated in **Table 4A.1**.

3. Summary of the baseline noise monitoring results are tabulated in **Tables 4A.2 – 4A.4**.

Table 4A.1 – Baseline Noise Monitoring Information

ID	Location Description	Measurement*	Noise Source
N1	Junction of Sha Tau Kok Road – Shek Chung Au and Shan Tsui Village Road	Free field	Traffic noise
N2	Sha Tau Kok Police Operation Base	Façade	Traffic noise
N3	Sha Tau Kok Chuen Block 1	Free field	Traffic noise, community noise and activities
N4	Sha Tau Kok Chuen Block 44	Free field	Traffic noise, community noise and activities
N5	Sha Tau Kok Chuen Block 13	Free field	Traffic noise
N6	Sha Tau Kok Central Primary School	Façade	Traffic noise, community noise activities from nearby primary school
N7	Proposed Sha Tau Kok Chuen development site	Free field	Traffic noise
N8	Shun Lung Street	Façade	Traffic noise, community and other construction site activities

* A correction of +3 dB(A) will be included in the results of the free field measurement.

Table 4A.2 – Summary of Baseline Noise Monitoring Results (Day-time 0700 – 1900 hours on normal weekdays)

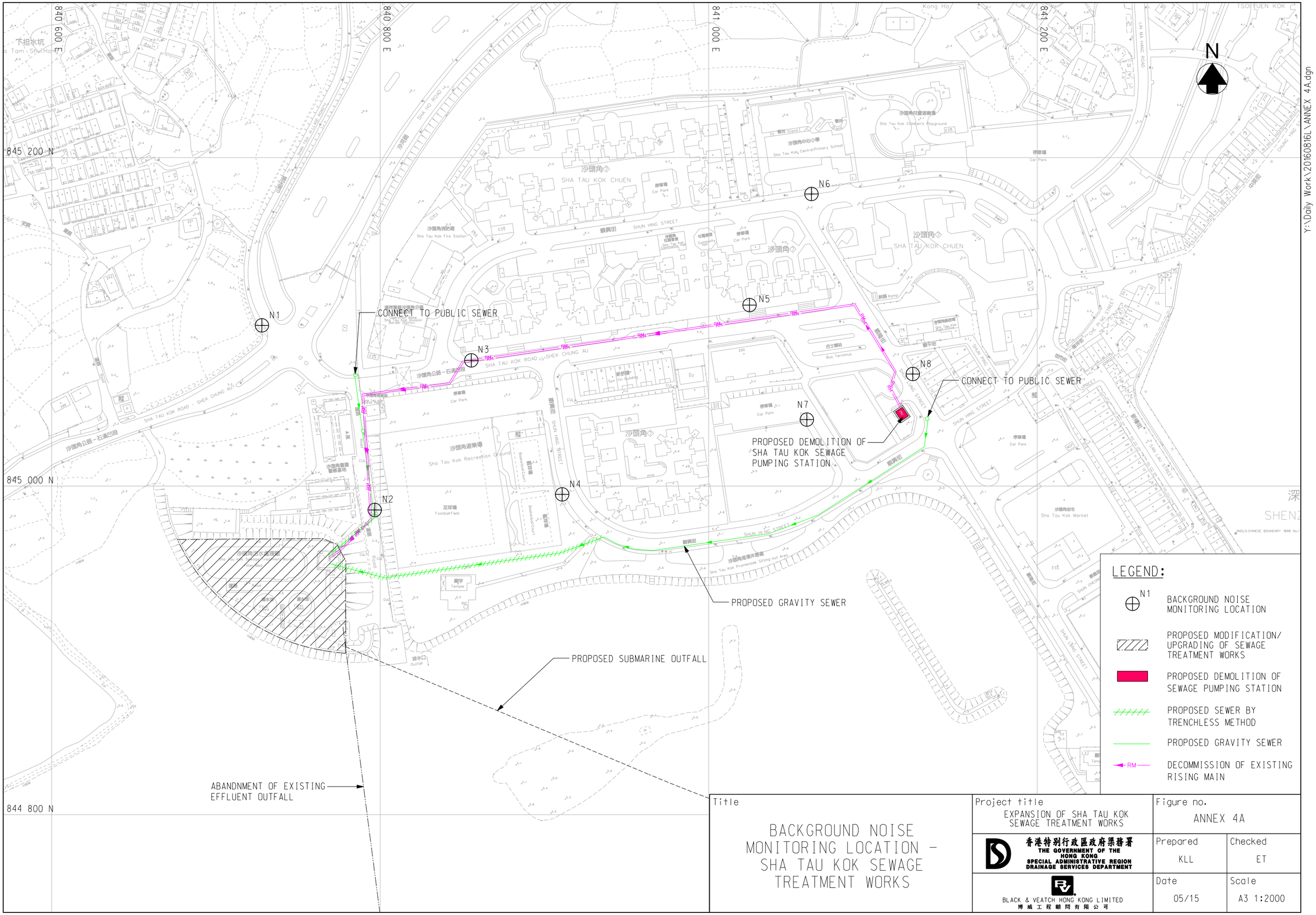
ID	Baseline Noise Monitoring Results (Day-time 0700 – 1900 hours on normal weekdays) $L_{eq\ (30\text{-}mins)}$, dB(A)	
	Average	Range
N1	75	73 – 77
N2	53	49 – 60
N3	70	68 – 75
N4	69	66 – 72
N5	67	64 – 67
N6	65	63 – 67
N7	69	62 – 75
N8	62	59 – 66

Table 4A.3 – Summary of Baseline Noise Monitoring Results (Evening time 1900 – 2300 hours on normal weekdays)

ID	Baseline Noise Monitoring Results (Evening time 1900 – 2300 hours on normal weekdays) $L_{eq\ (30\text{-}mins)}$, dB(A)	
	Average	Range
N1	73	61 – 77
N2	50	50
N3	68	62 – 75
N4	66	60 – 71
N5	65	58 – 71
N6	63	45 – 68
N7	61	57 – 67
N8	60	53 – 67

Table 4A.2 – Summary of Baseline Noise Monitoring Results (Night time 2300 – 0700 hours on normal weekdays)

ID	Baseline Noise Monitoring Results (Night time 2300 – 0700 hours on normal weekdays) $L_{eq\ (30\text{-}mins)}$, dB(A)	
	Average	Range
N1	66	56 – 77
N2	50	50
N3	65	56 – 73
N4	63	42 – 71
N5	67	58 – 74
N6	61	35 – 70
N7	58	56 – 67
N8	57	41 – 66



LEGEND:

- N1 — BACKGROUND NOISE MONITORING LOCATION
- PROPOSED MODIFICATION/ UPGRADING OF SEWAGE TREATMENT WORKS
- PROPOSED DEMOLITION OF SEWAGE PUMPING STATION
- PROPOSED SEWER BY TRENCHLESS METHOD
- PROPOSED GRAVITY SEWER
- RM — DECOMMISSION OF EXISTING RISING MAIN

Title

BACKGROUND NOISE MONITORING LOCATION - SHA TAU KOK SEWAGE TREATMENT WORKS

Project title: EXPANSION OF SHA TAU KOK SEWAGE TREATMENT WORKS

Figure no.: ANNEX 4A

香港特別行政區政府渠務署
THE GOVERNMENT OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION DRAINAGE SERVICES DEPARTMENT

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

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