

## Appendix 4G Operational Noise Impact

### Operational Noise Sources

Item	Equipment	SWL/unit	No. of Duty Units	Sub-Total SWL
1	Blowers for SBR	104	4	110.0
2	Blower for Sludge Digestion Tank	104	1	104.0
3	Deodourization Fans	96	4	102.0
4	Plant Rooms Ventilation Fans	90	10 (total)	100.0
			<b>Total SWL:</b>	<b>111.8</b>

Item 1 SWL reference: EIA of Outlying Islands Sewerage Stage 1 Phase 1 Ngong Ping STW & Sewerage

Item 2 Blower type similar to Item 1, same reference

Item 3 SWL reference: EIA of of San Wai STW and Ha Tsuen Pumping Station.

Item 4 SWL reference: EIA of Outlying Islands Sewerage Stage 1 Phase 1 Ngong Ping STW & Sewerage

### Operational Phase Noise Impacts

<i>Noise Sensitive Receivers</i>	<i>Distance</i>	<i>Predicted Noise Levels</i>	
		<i>Without Enclosure</i>	<i>Levels With Enclosure</i>
N-O1	267	58.3	38.3
N-O2	279	57.9	37.9
N-O3	269	58.2	38.2
N-O4	245	59.0	39.0
N-O5	317	56.8	36.8