

Appendix D – Summary of Action and Limit Levels

Table 1 Action and Limit Levels for 24-hour TSP

ID	Location	Action Level	Limit Level
E-A14a	Block B of Merit Industrial Centre	197.3 µg/m ³	260 µg/m ³

Table 2 Action and Limit Levels for 1-hour TSP

ID	Location	Action Level	Limit Level
E-A14a	Block B of Merit Industrial Centre	302.4 µg/m ³	500 µg/m ³

Table 3 Action and Limit Levels for Construction Noise (0700 – 1900 hrs of normal weekdays)

ID	Location	Action Level	Limit Level
E-N12a	19 Hing Yan Street	When one documented complaint is received	75 dB(A)
E-N21a	Block B of Merit Industrial Centre	When one documented complaint is received	75 dB(A)

Table 4 Derived Action and Limit Levels for Water Quality

Parameters	Action Level	Limit Level
Dissolved Oxygen (DO) in mg/L ⁽¹⁾	<p><u>Surface & Middle:</u></p> <p>4.03</p> <p>(5th percentile of baseline data for surface and middle layer)</p> <p><u>Bottom:</u></p> <p>3.94</p> <p>(5th percentile of baseline data for bottom layer)</p>	<p><u>Surface & Middle:</u></p> <p>3.88</p> <p>(1st percentile of baseline data for surface and middle layer)</p> <p><u>Bottom:</u></p> <p>2.00</p>
Suspended Solids (SS) in mg/L ⁽²⁾	<p>13.80</p> <p>(95th percentile of baseline data)</p> <p>or</p> <p>120% of upstream control station's SS at the same tide of the same day</p>	<p>18.70</p> <p>(99th percentile of baseline data)</p> <p>or</p> <p>130% of upstream control station's SS at the same tide of the same day</p>
Turbidity in NTU ⁽²⁾	<p>7.00</p> <p>(95th percentile of baseline data)</p> <p>or</p> <p>120% of upstream control station's Turbidity at the same tide of the same day</p>	<p>8.40</p> <p>(99th percentile of baseline data)</p> <p>or</p> <p>130% of upstream control station's Turbidity at the same tide of the same day</p>
Copper in µg/L ⁽²⁾	<p>2.00</p> <p>(95th percentile of baseline data)</p> <p>or</p> <p>120% of upstream control station's nutrient level at the same tide of the same day</p>	<p>3.00</p> <p>(99th percentile of baseline data)</p> <p>or</p> <p>130% of upstream control station's nutrient level at the same tide of the same day</p> <p>or</p> <p>whichever is the less</p>
Total PAH in µg/L ⁽²⁾	<p>1.60</p> <p>(95th percentile of baseline data)</p> <p>or</p> <p>120% of upstream control station's nutrient level at the same tide of the same day</p>	<p>1.60</p> <p>(99th percentile of baseline data) or</p> <p>130% of upstream control station's nutrient level at the same tide of the same day</p> <p>or</p> <p>whichever is the less</p>

Note: 1. For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.

2. For turbidity, SS, Copper and Total PAH, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.