List of Figures

| Figure 1.1 | Location of Proposed Hung Shui Kiu Effluent Polishing Plant (HSKEPP) |
|---------------------------------|--|
| Figure 1.2 | Location of Proposed Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Location of NWNT Tunnel and Urmston Road Outfall |
| | |
| Figure 2.1 | Schematic Layout of Hung Shui Kiu Effluent Polishing Plant (HSKEPP) |
| Figure 2.2 | Process Flow Diagram of Sewage Treatment for HSKEPP |
| Figure 2.3 | Process Flow Diagram of Sludge Treatment for HSKEPP |
| Figure 2.4 | Locations of Other Possible Concurrent Projects |
| Figure 3.1 | Location of Representative Air Sensitive Receiver (Construction Phase) |
| Figure 3.2 | Location of Representative Air Sensitive Receiver (Operation Phase) |
| Figure 3.3 | Contour of Predicted Maximum Cumulative Hourly TSP Concentration at 1.5 mAG (µg/m ³) (Construction Phase, Mitigated) |
| Figure 3.4 | Contour of Predicted 10th Highest Cumulative Daily RSP Concentration at 1.5 mAG (µg/m ³) (Construction Phase, Mitigated) |
| Figure 3.5 | Contour of Predicted Cumulative Annual RSP Concentration at 1.5 mAG (µg/m ³) (Construction Phase, Mitigated) |
| Figure 3.6 | Contour of Predicted 19th Highest Cumulative Daily FSP Concentration at 1.5 mAG (µg/m ³) (Construction Phase, Mitigated) |
| Figure 3.7 | Contour of Predicted Cumulative Annual FSP Concentration 1.5mAG (µg/m ³) (Construction Phase, Mitigated) |
| Figure 3.8 | Contour of Predicted 10th Highest Cumulative Daily RSP Concentration at 1.5 mAG (µg/m ³) (Operation Phase) |
| Figure 3.9 | Contour of Predicted Cumulative Annual RSP Concentration at 1.5 mAG (µg/m ³) (Operation Phase) |
| Figure 3.10 | Contour of Predicted 19th Highest Cumulative Daily FSP Concentration at 60 mAG (µg/m ³) (Operation Phase) |
| Figure 3.11 | Contour of Predicted Cumulative Annual FSP Concentration 50 mAG (μ g/m ³) (Operation Phase) |
| Figure 3.12 | Contour of Predicted 19th Highest Cumulative Hourly NO ₂ Concentration at 50 mAG (µg/m ³) (Operation Phase) |
| Figure 3.13 | Contour of Predicted Cumulative Annual NO ₂ Concentration at 1.5 mAG (µg/m ³) (Operation Phase) |
| Figure 3.14 | Contour of Predicted 4th Highest Cumulative 10-min SO ₂ Concentration at 60 mAG (μ g/m ³) (Operation Phase) |
| Figure 3.15 | Contour of Predicted 4th Highest Daily SO ₂ Concentration at 50 mAG (µg/m ³) (Operation Phase) |
| Figure 3.16 | Contour of Predicted 5-Second Average Odour Concentration in OU/m ³ at 1.5mAG (Operation Phase) |
| Figure 5.1 | Indicative Locations of Marine Water Sensitive Receivers and Observation Points (North Western Waters) |
| Figure 5.2 | Indicative Locations of Marine Water Sensitive Receivers and Observation Points (Deep Bay Waters) |
| Figure 5.3 | Indicative Locations of WSRs in 500m from Project Site Boundary |
| Figure 7.1 | Locations of Identified Potentially Contaminated Sites / Hotspots within the Proposed HSKEPP Site |
| Figure 7.2 | Concerned Areas and Proposed Sampling Locations (Northern Portion of Proposed HSKEPP) |
| Figure 8.1 | Ecological Assessment Area, Walk Transect and Sampling Locations for Ecological Surveys (Hung Shui Kiu Effluent Polishing Plant) |
| Figure 8.2 | Assessment Areas of Previous Environmental Impact Assessment Studies |
| Figure 8.3 | Habitat Map and Indicative Location of Species of Conservation Importance Recorded in the Ecological Survey Landscape Resources Overlaid with Proposed Layout |
| <u>Figure 9.3</u> Figure 9.4 | Landscape Resources Ovenaid with Proposed Layout Landscape Resource Photos (Sheet 1) |
| Figure 9.4.1 | Landscape Resource Photos (Sheet 2) |
| Figure 9.4.2 | Landscape Resource Photos (Sheet 3) |
| Figure 9.5 | Landscape Character Areas with Development Proposal Overlaid |
| Figure 9.6 | Landscape Character Areas with Development Proposal Ovenaid Landscape Character Area Photos |
| Figure 9.7 | Visual Envelope and Key VSRs with Development Proposal Overlaid |
| Figure 9.8 | Photos of Key Viewpoints |
| Figure 9.9 | Landscape and Visual Mitigation Plan |
| <u>Figure 9.10</u> | Photomontage Viewpoint 1 |
| Figure 9.11 | Photomontage Viewpoint 1 Photomontage Viewpoint 2 |
| Figure 9.12 | Photomontage Viewpoint 2 Photomontage Viewpoint 3 |
| Figure 9.13 | Photomontage Viewpoint 3 |
| Figure 9.14 | Photomontage Viewpoint 4 |
| rigate 0.14 | |

EIA Report for HSKEPP

Final