

## **EXECUTIVE SUMMARY**

### **Introduction**

1. This is the 22<sup>nd</sup> Water, Sediment & Odour Quality Report for Environmental Monitoring Works for Kai Tak Development during construction phase (the Project). This report documents the results and findings of the 15<sup>th</sup> general water quality monitoring works, 8<sup>th</sup> odour sampling, 8<sup>th</sup> sediment monitoring and 20<sup>th</sup> Odour Patrol conducted for the Project in January and February 2015.

### **General Water Quality Monitoring Works**

2. General marine water quality monitoring shall be carried out quarterly at the designated locations to give adequate coverage of different tidal states during both wet and dry seasons. During each survey event, sampling shall be taken at 2 tide conditions (mid-flood and mid-ebb). The 15<sup>th</sup> General Water Quality Monitoring for the Project was performed on 17<sup>th</sup> February 2015 and the monitoring results were checked and reviewed.

### **Odour Sampling Works**

3. Odour sampling shall be carried out within Kai Tak Approach Channel (KTAC) and Kwun Tong Typhoon Shelter (KTTS) as well as along To Kwa Wan (TKW) and Ma Tau Kok (MTK) waterfront half-yearly interval to determine the odour emissions from water surface throughout the Contract and Maintenance Period. The first odour sampling was carried out in August of 2011. One of the sampling events within each calendar year shall be undertaken during summer season (i.e. July or August). The 8<sup>th</sup> Odour Sampling for the Project was performed on 6<sup>th</sup> February 2015 and the monitoring results were checked and reviewed.

### **Odour Patrol Works**

4. Odour patrol shall be carried out in the month of February, May, July, August, September and November along the same odour route and at the same sniffing locations. The first odour patrol was carried out in November 2011. The 20<sup>th</sup> odour patrol was performed on 23<sup>rd</sup> & 24<sup>th</sup> February 2015. All monitoring results were checked and reviewed.

## **Sediment Monitoring Works**

5. Sediment monitoring shall be carried out at the same locations of the odour sampling stations half-yearly interval throughout the Contract and Maintenance Period. The first sediment sampling was carried out in August of 2011. The 8<sup>th</sup> Sediment Monitoring for the Project was performed on 28<sup>th</sup> February 2015 and the monitoring results were also checked and reviewed.

THE FULL VERSION REPORT FOR JANUARY AND FEBRUARY 2015 CAN BE VIEWED FROM THE ARCHIVED REPORT