

EXECUTIVE SUMMARY

Introduction

1. This is the 19th Water, Sediment & Odour Report prepared for Environmental Monitoring Works for Kai Tak Development during construction phase (the Project). This report documents the results and findings of the 13th general water quality monitoring works, 7th odour sampling, 7th sediment monitoring and 16th & 17th Odour patrol conducted for the Project in July and August 2014.

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 13th General Water Quality monitoring for the Project was performed on 18th August 2014 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 shall be carried within the August of 2011 or as agreed with the Engineer. One of the sampling events within each calendar year shall be undertaken during summer season (i.e. July or August). The 7th Odour Sampling for the Project was performed on 22nd August 2014 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 shall be carried out within November 2011. The 16th and 17th odour patrol were performed on 14th, 15th, 24th & 25th July 2014 (Daytime – High Tide and Evening/Night Time – Low Tide) and 12th, 22nd, 25th, 26th & 27th August 2014 (Daytime – High Tide and Evening/Night Time – Low Tide) respectively. 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 shall be carried out within the August of 2011 or as agreed with the Engineer. The 7th Sediment Monitoring for the Project was performed on 30th August 2014 and the monitoring results were also checked and reviewed.

THE FULL VERSION REPORT FOR JULY AND AUGUST 2014 CAN BE VIEWED FROM THE ARCHIVED REPORT