

## Baseline Sediment Monitoring Report – Executive Summary

### Introduction

1. CEDD has employed Cinotech Consultants Limited to conduct the baseline sediment monitoring at Kai Tak Approach Channel and Kwun Tong Typhoon Shelter from March 2010 to February 2011. The objective of the sediment monitoring is to determine the existing contaminated level of the sediment at KTAC and KTTS.

### Sediment Monitoring Works

2. The baseline sediment monitoring was conducted half-yearly from March 2010 to February 2011. The results of the sediment monitoring are summarized in the table below.

Area	Baseline Sediment Monitoring												
	Station No.	Acid Volatile Sulphide (mg/kg dry weight)			Redox (mV)			pH			Residual Nitrate (mg NO <sub>3</sub> <sup>-</sup> -N/L wet weight)		
		Mar 2010	Aug 2010	Feb 2011	Mar 2010	Aug 2010	Feb 2011	Mar 2010	Aug 2010	Feb 2011	Mar 2010	Aug 2010	Feb 2011
Northern KTAC	SA1	1300	830	4500	-6.2	-364	-356	7.5	7.4	6.8	3.1	3.0	0.22
	SA2	2600	2900	4200	-28.6	-356	-378	7.9	7.6	6.7	1.7	0.34	0.06
	SA3	1700	1000	5000	-21.9	-394	-355	7.8	7.5	6.9	1.7	0.22	0.06
Southern KTAC	SA4	1200	1900	6400	-37.6	-372	-343	8.0	7.4	6.7	2.0	0.12	0.14
	SA5	3800	1100	1400	-103.3	-381	-336	9.2	7.6	6.9	1.4	0.25	0.13
	SA6	1800	1100	2600	-61.3	-368	-328	8.5	7.5	6.7	4.7	0.36	0.12
Kwun Tong Typhoon Shelter	SA7	1400	1400	3300	-55.1	-381	-346	8.4	7.4	6.7	1.5	3.9	<0.05
	SA8	1200	1200	2700	-50.9	-385	-353	8.3	7.7	6.7	2.2	0.29	<0.05
	SA9	270	1900	1700	-47.8	-382	-366	8.2	7.6	6.8	2.0	0.82	<0.05

3. Results of baseline sediment monitoring works were all documented in the Sediment Monitoring Reports and these reports were checked and reviewed by the Independent Environmental Checker.

[SEDIMENT MONITORINGREPORT \(MARCH 2010\) \(FULL VERSION\)](#)

[SEDIMENT MONITORINGREPORT \(AUGUST 2010\) \(FULL VERSION\)](#)

[SEDIMENT MONITORINGREPORT \(FEBRUARY 2011\) \(FULL VERSION\)](#)