

Table 1a. A comparison of OC and EC distribution in fine and coarse particulate (EPD 6-month study Aug 98 - Jan 99)

	Fine, $\mu\text{g}/\text{m}^3$		Coarse*, $\mu\text{g}/\text{m}^3$		PM10, $\mu\text{g}/\text{m}^3$	
	OC	EC	OC	EC	OC	EC
Aug 98	6.6	8.6	1.3	1.6	7.9	10.2
Sep 98	6.9	8.3	2.7	1.1	9.6	9.4
Oct 98	9.2	6.2	3.4	0.1	12.6	6.3
Nov 98	12.4	9.2	2.5	1.2	14.9	10.4
Dec 98	14.0	7.0	3.9	0.4	17.9	7.4
Jan 99	13.4	7.1	2.4	1.4	15.8	8.5

* Determined by subtracting the OC and EC values of fine fraction from PM10 fraction

Table 1b. Contributions of the Major Sectors to the Regional Base Year Emission Inventory

Emission		VOC	RSP	NO _x	SO ₂
Contributions by Major Sectors, broken down to individual entities:					
Energy	HKSAR	-	2%	11%	11%
	PRDEZ	1%	13%	31%	43%
	Subtotal	1%	15%	42%	54%
Industry	HKSAR	2%	-	1%	1%
	PRDEZ	9%	60%	12%	38%
	Subtotal	11%	60%	13%	39%
Transportation	HKSAR	3%	2%	9%	1%
	PRDEZ	52%	13%	35%	6%
	Subtotal	55%	15%	44%	7%
VOC Containing Product	HKSAR	6%	-	-	-
	PRDEZ	17%	-	-	-
	Subtotal	23%	-	-	-
Total		90%	90%	99%	100%

Source: Study of Air Quality in the Pearl River Delta Region (EPD 2002)

Table 2. Summary Table for Sampling Site

Location		Mongkok	Tsuen Wan	Hok Tsui	Tap Mun	Tung Chung	Causway Bay	Central	
Site Name		Mong Kok Temporary Toxic Air Pollutants Monitoring Station / Mong Kok Roadside Air Quality Monitoring Station	Tsuen Wan Toxic Air Pollutants Monitoring Station / Tsuen Wan Air Quality Monitoring Station	Hok Tsui Temporary Toxic Air Pollutants Monitoring Station	Tap Mun Air Quality Monitoring Station	Tung Chung Air Quality Monitoring Station	Causeway Bay Roadside Air Quality Monitoring Station	Central Roadside Air Quality Monitoring Station	
Address		Junction of Nathan road and Lai Chi Kok Road, Hong Kong.	60 Tai Ho Road, Tsuen Wan, Hong Kong.	Cape D'Aguiar (Hok Tsui), Hong Kong.	Rooftop, Tap Mun Police station, Tap Mun, Hong Kong.	Rooftop, Tung Chung Health Centre, 6 Fu Tung Street, Tung Chung, Lantau Island, Hong Kong.	Pedestrian area of the 1 Yee Wo Street, Causeway Bay, Hong Kong.	Junction of DesVoeux Road Central and Chater Road Central, Hong Kong.	
Coordinates		22°19'3"N 114°10'2"E	22°23'5"N 114°06'3"E	22°12'622"N 114°15'326"E	22°28'4"N 114°21'5"E	22°17'4"N 113°56'5"E	22°16'48"N 114°11'6"E	22°16'54"N 114°9'29"E	
Sampling Height (above P.D.H.K.)		10.4m	21m	60m	26m	28m	6.5m	8.5m	
Elevation of Sampling Inlets above ground level		5.4m	17m	47m	11m	21m	2m	4.5m	
Brief Description of the surroundings in different directions that includes possible nearby sources		An urban roadside site with heavy traffic & restaurant cooking emissions	An urban densely populated residential site with mixed commercial & industrial development	A rural site, no known man-made sources nearby	Tap Mun is an island. A rural background site with no vehicular sources. Infrequent ferry service and several restaurants that open mostly on the weekends	An moderately populated residential site with a commercial complex nearby	An urban densely populated residential roadside site with mixed commercial development	An urban roadside site in a commercial district	
Available Air Quality Measurements	TAP	Hexavalent Chromium		X					
		Carbonyl		X					
		VOC	X	X	X				
		Dioxin	X	X	X				
		PCB	X	X	X				
		PAH	X	X	X				
		SO ₂	X	X		X	X	X	X
		NO _x	X	X		X	X	X	X
		NO	X	X		X	X	X	X
		NO ₂	X	X		X	X	X	X
		CO	X	X		X	X	X	X
		O ₃		X		X	X		
		RSP	X	X		X	X	X	X
TSP	X	X			X				
Meteorological parameters (Temp, wind speed, wind direction)	X	X			X				
Sampling Frequencies and Durations		Grab sample (voc-6 days, Hexavalent Chromium and carbonyl-12 days, PAH,PCB and dioxin - twice a month), continuous monitoring for others	Grab sample (voc-6 days, Hexavalent Chromium and carbonyl-12 days, PAH,PCB and dioxin - twice a month), continuous monitoring for others	Grab sample (voc-6 days, Hexavalent Chromium and carbonyl-12 days, PAH,PCB and dioxin - twice a month)	Continuous monitoring	Continuous monitoring	Continuous monitoring	Continuous monitoring	
Period of Record (When was the site established)		from Oct 2000 to Sep 2001 / Since Aug 1988	Since Jul 1997 / Since Aug 1988	from Oct 2000 to Sep 2001	Since Apr 1988	Since Apr 1999	Since Jan 1998	since Oct 1998	
AADT		21330	17260	0	0	28220	24790	40490	
Type of cooking		Restaurant / Commercial	Residential / Commercial	none	light	Residential / Commercial	Restaurant / Commercial	Restaurant / Commercial	

Table 3. Summary of filter sampling cycle and PM speciation arrangement

Filter 1		Filter 2	
Type	Allocation	Type	Allocation
Day 1	Quartz EPD – Sampling and gravimetric determination EPD-1/4; Archive GL-1/4; SEOC Spec. Gatech - 1/4; OC Spec. HKUST - 1/4; WSOC Spec.	Quartz	EPD –Sampling and gravimetric determination GL- 1/4; OC/EC GL- 1/4; SEOC Spec. Gatech - 1/4; OC Spec. HKUST - 1/4; WSOC Spec.
Day 2	Quartz EPD – Sampling and gravimetric determination GL - 1/2; OC/EC, Ion Chromatography (Chloride Cl ⁻ , Nitrate NO ₃ ⁻ , Sulfate SO ₄ ⁼ , Ammonium NH ₄ ⁺ , Sodium Na ⁺ , Potassium K ⁺) DRI - 1/2; OC/EC, Ion Chromatography (Chloride Cl ⁻ , Nitrate NO ₃ ⁻ , Sulfate SO ₄ ⁼), Automated Colorimetry (Ammonium NH ₄ ⁺), Atomic Absorption Spectrophotometry (Sodium Na ⁺ , Potassium K ⁺)	Teflon	EPD –Sampling and gravimetric determination GL - EDXRF (Na to U) DRI - EDXRF (Na to U)
Day 3	Quartz EPD –Sampling and gravimetric determination EPD-1/4; Archive GL-1/4; SEOC Spec. Gatech - 1/4; OC Spec. HKUST - 1/4; WSOC Spec.	Quartz	EPD –Sampling and gravimetric determination GL- 1/4; OC/EC GL- 1/4; SEOC Spec. Gatech - 1/4; OC Spec. HKUST - 1/4; WSOC Spec.

EPD = Environmental Protection Department; GL = Government Laboratory

Gatech = Georgia Institute of Technology; HKUST = Hong Kong University of Science and Technology

Table 4a. QA/QC results: Summary table for sampling and filter weighing

Requirement	Control parameter	Record of the 12-month project	The USEPA acceptance criteria
Environmental conditioning of Balance Laboratory	Temperature, °C	21.5 °C, controlled to ± 2 °C	20 to 23 °C, controlled to ± 2 °C
	Relative Humidity, %	33.5 %, controlled to ± 5 %	30 to 40 %, controlled to ± 5 %
Accuracy of Balance	Beginning, every 10 th sample and end of each weighing session, µg	≤ ± 3 µg	≤ ± 3 µg
Stability Test for Lot Blank Filters	Weight difference, µg	Range: -6 to 5 µg (Teflon)	± 15 µg
		Range : -9 to 10 µg (Quartz)	N/A
Laboratory Blank (Teflon)	Weight difference, µg	Range : -10 to 8 µg	± 15 µg
Field Blank (Teflon)	Weight difference, µg	Range : -12 to 7 µg	± 30 µg
Precision : Replicate filter weighing in each weighing session	Weight difference, µg	Range : -6 to 7 µg (pre-sampling Teflon filter) -8 to 7 µg (post-sampling Teflon filter)	± 15 µg
Filter Re-weighing : Re-weigh filters on the next day of weighing session	Weight difference, µg	Range : -6 to 5 µg (pre-sampling Teflon filter) -8 to 4 µg (post-sampling Teflon filter)	± 15 µg
Collocated samples	Percentage difference, %	Teflon vs Teflon (all three stations) : Range : 0.69 to 4.50 % Average : 1.93 % Stdev : 2.22 %	± 10 %
		Quartz vs Quartz : TW Range : 0.01 to 6.30 % TW Average : 1.83 % TW Stdev : 1.42 % MK Range : 0.01 to 4.77 % MK Average : 1.28 % MK Stdev : 1.09 % HT Range : 0.00 to 11.71 % HT Average : 2.26 % HT Stdev : 2.10 %	N/A

Table 4b. Quality Control Activity and Frequency

	Quality Control Activity	Frequency
1	Competence of operators : i) Examine the competence on filter handling and equipment operation ii) Reassessment	i) Before start of the project ii) Yearly
2	General inspection on siting environment, equipment installation & safety	Every site visit
3	Overhaul cleaning of sampler, down-tube and the 1st stage sampling inlet	Monthly
4	Clean/change the filters of ventilation fans	Monthly
5	Clean the WINS impactor and replace the 37mm glass-fiber filter in its well	Every sampling cycle (i.e. three 24-hour samplings in six days) or Every five 24-hour samplings
6	Dynamic Calibration : - Flow rates at 15.0, 16.7 & 18.4 L/min - Internal and external temperatures - Ambient pressure - Time - Subsequent leak checks after calibration : Internal check : pressure drop ≤ 25 mmHg/min External check : pressure drop ≤ 140 mmHg/min - Subsequent flow check after calibration : Flow rate audit at 16.7 L/min : $\leq \pm 2$ % of HKSCL-traceable standard; & $\leq \pm 5$ % of design flow 16.67 L/min	i) Half-yearly, or ii) Upon installation, or iii) After pump replacement or major repair, or iv) After major maintenance on flow control device, or v) After sampler relocation, or vi) Flow rate, temperature or pressure found to be out of acceptable limit in the monthly one-point verification check
7	One-point verification check : - Internal leak check : pressure drop ≤ 25 mmHg/min - External leak check : pressure drop ≤ 140 mmHg/min - Temperatures audit : $\leq \pm 2^\circ\text{C}$ - Pressure audit : $\leq \pm 10$ mmHg - Flow rate audit at 16.7 L/min : $\leq \pm 4$ % of HKSCL-traceable standard; & $\leq \pm 5$ % of design flow 16.67 L/min - Time audit : $\leq \pm 1$ min	Monthly
8	Large in-line filter	Every six months
9	External/internal leak check : - Internal leak check : pressure drop ≤ 25 mmHg/min - External leak check : pressure drop ≤ 140 mmHg/min	After cleaning the WINS impactor
10	Pump replacement	Every 18 months
11	Filter holding time : - Pre-sampling : less than 30 calendar days since the pre-sampling filter weighing - Post-sampling : collect samples within 4 calendar days after end of the last sampling	Every sampling cycle

Table 4b (cont'd)		
12	Field blank collection	Every sampling cycle : One per sampler per site (either quartz or Teflon according to schedule)
13	Precision check by collocated sampling : - CV of mass concentration $\leq 10\%$	Two out of every three samplings per site (Either quartz vs quartz or Teflon vs Teflon according to the sampling schedule)
14	Re-certify the working standards i) Flowmeter ii) Glass thermometer iii) Portable barometer iv) Digital timer/watch	i) Yearly ii) Half-yearly iii) Half-yearly iv) Quarterly
15	Performance audit by an independent audit team using independent standards traceable to the primary reference standards or at least the certified reference material (CRM) standards.	Quarterly

Table 4c. Traceability of timer, thermometer, barometer and mass flow controller

Parameter	Working Standard	Traceable to the Primary Standard
Flow rate (10-20 L/min)	Volumetric dry-cell flowmeter	Bubble tube glass flowmeter certified by SCL* or equivalent
Time	Digital watch/timer	RTHK# or equivalent
Temperature	Liquid-in-glass thermometer (transfer standard)	CRM@ Liquid-in-glass thermometer certified by SCL or equivalent
Pressure	Portable barometer	Fortin barometer certified by SCL or equivalent

* : SCL = Standards and Calibration Laboratory of the Innovation and Technology Commission, Hong Kong

@ : CRM = Certified Reference Material

: RTHK = Radio Television Hong Kong

Table 4d. Acceptance Criteria for Laboratory QC Check

Requirements	Measurement Frequency adopted by Hong Kong EPD	Acceptance Criteria adopted by Hong Kong EPD	Relevant USEPA's Handbook : Document 2.12
<i>Conditioning Environment</i>			
High-efficiency particulate air (HEPA) filter	Bimonthly	Replace a clean filter	Not described
Temperature	Each weighing session	24-hour mean temp between 20 and 23 °C, control $\pm 2^{\circ}\text{C}$ (SD)	2.12 Sec. 7.6
Relative humidity (RH)	Each weighing session	24-hour mean RH between 30% and 40% RH, control $\pm 5\%$ RH (SD)	2.12 Sec. 7.6
<i>Filter Blanks</i>			
Lot blanks	3/box, 3 boxes/lot, 9 total (Daily for at least 5 days)	Max. diff of $\pm 15\mu\text{g}$ between weighings	2.12 Sec. 7.6
Lot exposure blanks	3 filters for 1 pre-, 1 post-sampling weighing session/lot	Avg. diff of $\leq 5\mu\text{g}$, No filter diff $> 15\mu\text{g}$	Not described
Field blanks	One per sampler/wk	$\pm 30\mu\text{g}$ difference	Not described
Laboratory blanks	One per weighing session	$\pm 15\mu\text{g}$ difference	2.12 Sec. 7.8
<i>Calibration and Verification</i>			
Working mass standards verification	Quarterly	$\pm 0.025\text{mg}$	2.12 Sec. 7.3
Mass standards	Yearly	Traceable to NIST primary reference standard	2.12 Sec. 7.3
Balance calibration	Annually or as needed	Not applicable	Not described
Temperature/ humidity verification	Quarterly	$\pm 2^{\circ}\text{C} / \pm 2\%$	Not described
<i>Microbalance QC Checks</i>			
Working standard QC check	Start, around every 10th filter and end of each weighing session	$\pm 3\mu\text{g}$	2.12 Sec. 7.8
Duplicate filter weighing	1 filter at end of weighing session; 1 carried over to next session with lab blank	$\pm 15\mu\text{g}$	Not described
<i>Performance Evaluations</i>			
Inter-laboratory Comparisons	Quarterly	Audit by EPD's audit team. Details refer to Quarterly Calibration Log Sheet	Not described

Table 4e. Table of apparatus and materials used in Hong Kong EPD Balance Laboratory

Item	Model No.	Supplier	Quantity	Unit
Microbalance	MT-5	Mettler Toledo	2	No.
100 and 200 mg Standard Weights (Class M1 or above) with independent weight-handling forceps	ME-15930	Mettler Toledo	1	No.
Relative humidity (RH) & temperature sensing and chart recording system	80000-00	Cole-Parmer	1	No.
NIST traceable glass thermometer	-	ICL Cal. Inc.	1	No.
Assmann Psychrometer	5230	Qualimetrics Inc.	1	No.
Refrigerator	N350	Philco	2	No.
Freezer	MIR-553	Sanyo	1	No.
Light box	-	Mega-Pro	1	No.
Powder-free anti-static gloves, M/size	96-233	Oak	10	Bag of 100
210-Polonium strip	2U500	NRD	2	No.
PetriSlide	PD1504700	Millipore	10	Box of 100
Low-lint disposable laboratory wipe	34155	Kimwipes	1	Case of 15 packs
Chart paper & pen	-	-	10	Set
Anti-static laboratory coat	-	China Scientific Ltd.	2	No.
Filter-handling Forceps (SS)	35a-SA	Aven	2	No.
Anti-static zip lock bag , 305x406mm	663-005	RS Components Ltd.	12	10 bags / pack
Anti-static Zip-lock bag , 101x152mm	290-9404	RS Components Ltd.	3	100 bags / pack
Anti-static Zip-lock bag , 152x203mm	290-9410	RS Components Ltd.	10	100 bags / pack
47 mm Teflon Membrane Filter (PTFE) with PMP support ring Zip-lock-ring at edge	R2PJ047	Pall Gelman	6	50 pcs / pack
47 mm Quartz (QMA) Filter *	1851047	Whatman	6	100 pcs / pack
Survey Count Rate Meter (Radioactive detector)	190-489-110C	Davis	1	No.
Mask	1730	Gerson	12	20 pcs / box

* Deposit area of QMA filters sampled with Partisol-Plus 2025 Sequential Sampler are found to be consistent, 11.98 cm²

Table 4f. QC table of Tsuen Wan Sampling site – Equipment Code F1

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment							
31-Oct-00	24.5	27	27.2	24.5	27.3	27.1	0	-0.3	0.1	755	754.6	0.4	16.68	16.72	-0.24	0.06
27-Nov-00	24.7	25.9	26.7	25	26.4	26.6	-0.3	-0.5	0.1	762	762.8	-0.8	16.70	16.70	0.00	0.18
27-Dec-00	21.3	23.3	23.4	22.6	23.4	23.2	-1.3	-0.1	0.2	763	761.6	1.4	16.71	16.68	0.18	0.24
26-Jan-01	13.3	14.4	17.7	14.1	15.4	18.3	-0.8	-1	-0.6	759	760.5	-1.5	16.70	16.83	-0.77	0.18
24-Feb-01	25.4	28	27.2	25.8	28.1	26.8	-0.4	-0.1	0.4	757	758.2	-1.2	16.69	16.59	0.60	0.12
26-Mar-01	19.4	20.7	21.1	20.8	21.4	21.5	-1.4	-0.7	-0.4	755	756.2	-1.2	16.69	16.76	-0.42	0.12
25-Apr-01	22.1	22.3	22.8	22.1	22.3	22.8	0	0	0	760	760.5	-0.5	16.68	16.68	0.00	0.06
25-May-01	31.4	34.4	38	30.8	33.6	37	0.6	0.8	1	753	759.7	-6.7	16.68	16.64	0.24	0.06
24-Jun-01	32.8	32.9	33.9	32.1	33.3	33	0.7	-0.4	0.9	754	751	3	16.70	16.74	-0.24	0.18
24-Jul-01	27.9	28.6	29.3	27	28.7	28.9	0.9	-0.1	0.4	755	759	-4	16.70	16.69	0.06	0.18
23-Aug-01	37.1	39.2	39.3	35.8	38.6	38.9	1.3	0.6	0.4	754	752.1	1.9	16.70	16.71	-0.06	0.18
22-Sep-01	32.1	33.2	35.6	30.8	33	35.1	1.3	0.2	0.5	761	766	-5	16.70	16.41	1.77	0.18
22-Oct-01	32.8	33.7	34.7	31.5	33.5	33.9	1.3	0.2	0.8	764	761.1	2.9	16.70	17.03	-1.94	0.18
Average:							0.1	-0.1	0.3			-0.9			-0.06	0.15
Min:							-1.4	-1.0	-0.6			-6.7			-1.94	0.06
Max:							1.3	0.8	1.0			3.0			1.77	0.24
SD:							1.0	0.5	0.5			3.0			0.83	0.06

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QC table of Tsuen Wan Sampling site – Equipment Code F2

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment							
31-Oct-00	23.8	28.2	26.5	23.9	28.2	26.6	-0.1	0.0	-0.1	755	754.4	0.6	16.74	16.62	0.72	0.42
27-Nov-00	25.2	27.5	26.6	25.8	27.0	26.4	-0.6	0.5	0.2	761	762.0	-1.0	16.74	16.54	1.21	0.42
27-Dec-00	21.7	24.1	23.4	22.3	23.8	24.5	-0.6	0.3	-1.1	761	759.8	1.2	16.72	16.35	2.26	0.30
26-Jan-01	14.3	16.2	16.1	15.2	15.9	14.5	-0.9	0.3	1.6	757	760.5	-3.5	16.73	16.59	0.84	0.36
24-Feb-01	25.6	28.6	26.8	26.0	28.0	26.9	-0.4	0.6	-0.1	757	758.2	-1.2	16.73	16.18	3.40	0.36
26-Mar-01	19.8	21.9	21.9	20.5	22.0	21.9	-0.7	-0.1	0.0	754	756.9	-2.9	16.72	16.32	2.45	0.30
25-Apr-01	22.1	22.8	23.1	22.1	22.8	23.1	0.0	0.0	0.0	761	761.2	-0.2	16.74	16.76	-0.12	0.42
25-May-01	32.2	35.0	34.8	32.0	33.9	34.0	0.2	1.1	0.8	755	759.7	-4.7	16.74	17.02	-1.65	0.42
24-Jun-01	32.8	33.6	33.2	32.4	33.1	32.8	0.4	0.5	0.4	754	751.0	3.0	16.74	16.51	1.39	0.42
24-Jul-01	27.5	27.2	28.7	27.0	27.0	28.8	0.5	0.2	-0.1	757	759.0	-2.0	16.73	16.65	0.48	0.36
23-Aug-01	37.5	39.2	40.1	37.8	38.5	39.8	-0.3	0.7	0.3	757	752.1	4.9	16.72	16.36	2.20	0.30
22-Sep-01	31.0	34.0	32.4	31.1	33.5	32.3	-0.1	0.5	0.1	764	766.0	-2.0	16.72	16.83	-0.65	0.30
22-Oct-01	30.8	35.2	37.3	30.0	34.8	36.4	0.8	0.4	0.9	767	761.1	5.9	16.72	17.18	-2.68	0.30
Average:							-0.1	0.4	0.2						0.76	0.36
Min:							-0.9	-0.1	-1.1						-2.68	0.30
Max:							0.8	1.1	1.6						3.40	0.42
SD:							0.5	0.3	0.6						1.71	0.05

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QC table of Mong Kok Sampling site – Equipment Code F5

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment							
31-Oct-00	25.0	27.0	26.7	25.1	27.0	26.7	-0.1	0.0	0.0	760	754.4	5.6	16.73	16.68	0.30	0.36
20-Nov-00	19.1	21.6	21.6	20.1	21.9	22.0	-1.0	-0.3	-0.4	767	762.8	4.2	16.73	16.53	1.21	0.36
20-Dec-00	26.3	25.4	26.3	24.6	25.5	24.9	1.7	-0.1	1.4	766	762.8	3.2	16.74	16.45	1.76	0.42
19-Jan-01	22.8	25.7	24.6	23.5	25.5	24.9	-0.7	0.2	-0.3	765	767.0	-2.0	16.73	16.54	1.15	0.36
19-Feb-01	26.4	29.4	27.3	26.0	29.6	27.8	0.4	-0.2	-0.5	761	764.3	-3.3	16.74	16.60	0.84	0.42
20-Mar-01	26.2	27.8	26.4	25.8	27.7	27.2	0.4	0.1	-0.8	759	760.5	-1.5	16.74	16.50	1.45	0.42
19-Apr-01	24.8	26.4	27.4	24.8	26.4	27.4	0.0	0.0	0.0	758	758.2	-0.2	16.72	16.74	-0.12	0.30
19-May-01	29.3	31.2	30.6	28.9	30.5	29.8	0.4	0.7	0.8	756	760.5	-4.5	16.78	16.66	0.72	0.66
18-Jun-01	35.0	37.7	36.6	34.8	37.9	37.5	0.2	-0.2	-0.9	753	759.7	-6.7	16.73	16.85	-0.71	0.36
18-Jul-01	28.3	29.9	29.4	28.6	29.7	29.7	-0.3	0.2	-0.3	753	752.8	0.2	16.74	16.59	0.90	0.42
17-Aug-01	35.5	38.6	39.0	34.4	37.6	38.4	1.1	1.0	0.6	754	757.7	-3.7	16.75	16.52	1.39	0.48
17-Sep-01	33.3	36.1	36.4	33.4	35.8	35.9	-0.1	0.3	0.5	760	765.8	-5.8	16.89	16.72	1.02	1.32
16-Oct-01	32.2	34.4	32.9	32.0	34.4	33.0	0.2	0.0	-0.1	757	755.4	1.6	16.70	16.67	0.18	0.18
Average:							0.2	0.1	0.0			-1.0			0.78	0.47
Min:							-1.0	-0.3	-0.9			-6.7			-0.71	0.18
Max:							1.7	1.0	1.4			5.6			1.76	1.32
SD:							0.7	0.4	0.7			3.9			0.70	0.28

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QC table of Mong Kok Sampling site – Equipment Code F6

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C									
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
31-Oct-00	24.9	26.3	26.2	25.0	26.2	26.1	-0.1	0.1	0.1	754	754.0	0.0	16.67	16.61	0.36	0.00
20-Nov-00	19.9	21.4	21.8	20.7	22.4	21.8	-0.8	-1.0	0.0	762	762.8	-0.8	16.65	16.46	1.15	-0.12
20-Dec-00	24.1	25.5	26.1	24.3	26.1	26.3	-0.2	-0.6	-0.2	761	762.8	-1.8	16.66	16.35	1.90	-0.06
19-Jan-01	22.4	24.2	24.8	22.8	24.6	24.9	-0.4	-0.4	-0.1	763	766.0	-3.0	16.68	16.44	1.46	0.06
19-Feb-01	23.7	26.2	24.6	24.2	26.8	25.5	-0.5	-0.6	-0.9	760	764.3	-4.3	16.66	16.54	0.73	-0.06
20-Mar-01	26.3	27.4	28.3	26.3	27.7	28.2	0.0	-0.3	0.1	758	760.5	-2.5	16.66	16.54	0.73	-0.06
19-Apr-01	26.0	28.1	28.4	26.0	28.2	28.4	0.0	-0.1	0.0	758	758.2	-0.2	16.67	16.63	0.24	0.00
19-May-01	28.5	30.5	29.0	28.7	30.3	29.3	-0.2	0.2	-0.3	755	760.5	-5.5	16.66	16.43	1.40	-0.06
18-Jun-01	34.7	38.6	36.9	35.2	38.4	36.6	-0.5	0.2	0.3	755	759.7	-4.7	16.66	16.53	0.79	-0.06
18-Jul-01	29.6	30.3	30.4	29.2	29.8	30.4	0.4	0.5	0.0	754	752.8	1.2	16.66	16.43	1.40	-0.06
17-Aug-01	36.4	38.9	37.5	36.3	38.1	37.5	0.1	0.8	0.0	755	757.7	-2.7	16.66	16.53	0.79	-0.06
17-Sep-01	34.7	36.7	36.0	34.4	36.0	35.1	0.3	0.7	0.9	757	765.8	-8.8	16.64	16.63	0.06	-0.18
16-Oct-01	31.5	33.7	32.8	31.2	32.8	32.7	0.3	0.9	0.1	758	755.4	2.6	16.64	16.44	1.22	-0.18
Average:							-0.1	0.0	0.0			-2.3			0.94	-0.06
Min:							-0.8	-1.0	-0.9			-8.8			0.06	-0.18
Max:							0.4	0.9	0.9			2.6			1.90	0.06
SD:							0.4	0.6	0.4			3.0			0.54	0.07

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QC table of Hok Tsui Sampling site – Equipment Code F7

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment							
01-Nov-00	22.1	23.9	24.0	22.1	23.8	23.2	0.0	0.1	0.8	751	751.0	0.0	16.68	16.66	0.12	0.06
02-Dec-00	23.4	26.0	26.2	23.5	25.6	25.2	-0.1	0.4	1.0	754	757.7	-3.7	16.68	16.71	-0.18	0.06
02-Jan-01	18.2	19.6	19.6	18.5	19.8	19.4	-0.3	-0.2	0.2	752	756.9	-4.9	16.68	16.50	1.09	0.06
31-Jan-01	16.5	17.9	18.5	16.4	17.4	17.7	0.1	0.5	0.8	755	759.0	-4.0	16.72	16.51	1.27	0.30
02-Mar-01	19.1	21.1	21.0	19.1	20.8	20.3	0.0	0.3	0.7	757	762.0	-5.0	16.68	16.60	0.48	0.06
02-Apr-01	22.6	24.0	23.8	22.0	23.6	23.2	0.6	0.4	0.6	752	757.7	-5.7	16.67	16.59	0.48	0.00
02-May-01	28.3	29.5	30.2	28.3	29.4	30.2	0.0	0.1	0.0	755	755.4	-0.4	16.67	16.74	-0.42	0.00
31-May-01	29.1	31.1	30.5	28.4	30.4	30.0	0.7	0.7	0.5	757	759.7	-2.7	16.68	16.90	-1.30	0.06
30-Jun-01	27.8	27.5	28.3	27.4	27.6	28.5	0.4	-0.1	-0.2	754	756.9	-2.9	16.68	16.46	1.34	0.06
30-Jul-01	29.2	29.8	29.5	29.5	29.9	29.4	-0.3	-0.1	0.1	753	756.2	-3.2	16.67	16.63	0.24	0.00
29-Aug-01	28.3	28.5	28.5	27.6	28.9	28.6	0.7	-0.4	-0.1	750	747.0	3.0	16.67	16.65	0.12	0.00
28-Sep-01	30.7	30.5	30.7	30.0	29.9	30.5	0.7	0.6	0.2	757	760.0	-3.0	16.67	16.57	0.60	0.00
29-Oct-01	22.7	22.7	23.2	22.3	22.9	23.5	0.4	-0.2	-0.3	762	761.0	1.0	16.70	16.53	1.03	0.18
Average:							0.2	0.2	0.3			-2.4			0.38	0.06
Min:							-0.3	-0.4	-0.3			-5.7			-1.30	0.00
Max:							0.7	0.7	1.0			3.0			1.34	0.30
SD:							0.4	0.3	0.4			2.6			0.74	0.09

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QC table of Hok Tsui Sampling site – Equipment Code F8

One-Point Verification Check																
Date	Temperature Verification									Pressure Verification			Flow Rate Verification			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C									
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
01-Nov-00	22.7	24.1	24.0	22.8	24.1	24.0	-0.1	0.0	0.0	754	753.9	0.1	16.67	16.66	0.06	0.00
02-Dec-00	22.8	25.4	24.6	22.7	25.5	24.2	0.1	-0.1	0.4	757	757.7	-0.7	16.67	16.65	0.12	0.00
02-Jan-01	18.6	20.7	20.0	18.6	20.2	20.0	0.0	0.5	0.0	756	756.9	-0.9	16.66	16.47	1.15	-0.06
31-Jan-01	16.4	17.3	17.5	16.3	17.4	17.3	0.1	-0.1	0.2	757	759.0	-2.0	16.66	16.45	1.28	-0.06
02-Mar-01	18.8	19.8	20.8	18.9	19.8	20.6	-0.1	0.0	0.2	761	762.0	-1.0	16.66	16.51	0.91	-0.06
02-Apr-01	22.0	23.9	22.1	21.9	23.6	22.8	0.1	0.3	-0.7	756	757.7	-1.7	16.66	16.51	0.91	-0.06
02-May-01	28.2	29.5	28.9	28.2	29.5	29.0	0.0	0.0	-0.1	755	755.4	-0.4	16.66	16.68	-0.12	-0.06
31-May-01	29.0	31.2	32.0	28.4	31.4	31.0	0.6	-0.2	1.0	753	759.7	-6.7	16.66	16.46	1.22	-0.06
30-Jun-01	28.9	26.7	27.0	28.1	26.9	27.4	0.8	-0.2	-0.4	751	756.9	-5.9	16.66	16.55	0.66	-0.06
30-Jul-01	29.3	30.4	30.0	29.2	30.6	30.3	0.1	-0.2	-0.3	752	756.2	-4.2	16.65	16.49	0.97	-0.12
29-Aug-01	27.7	28.1	28.3	27.5	28.5	28.8	0.2	-0.4	-0.5	749	747.0	2.0	16.66	16.41	1.52	-0.06
28-Sep-01	30.2	31.2	31.3	29.9	31.5	31.2	0.3	-0.3	0.1	756	760.0	-4.0	16.67	16.53	0.85	0.00
29-Oct-01	24.6	24.0	24.4	23.2	23.1	24.0	1.4	0.9	0.4	766	761.0	5.0	16.82	16.42	2.44	0.90
Average:							0.3	0.0	0.0			-1.6			0.92	0.02
Min:							-0.1	-0.4	-0.7			-6.7			-0.12	-0.12
Max:							1.4	0.9	1.0			5.0			2.44	0.90
SD:							0.4	0.4	0.4			3.2			0.67	0.27

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f. QA table of Tsuen Wan Sampling site – Equipment Code F1

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
10-Oct-01	29.2	30.2	31.2	29.3	30.6	29.9	-0.1	-0.4	1.3	763	758.8	4.2	16.70	16.52	1.09	0.18
12-Jul-01	33.3	34	34.2	33.9	34.1	33.5	-0.6	-0.1	0.7	752	750.1	1.9	16.69	16.62	0.42	0.12
08-May-01	32.7	33.5	33.4	32.8	33.6	32.6	-0.1	-0.1	0.8	753	751.3	1.7	16.68	16.47	1.28	0.06
12-Feb-01	24.1	27.3	27.3	26	28.3	26.7	-1.9	-1	0.6	760	759.5	0.5	16.69	17.06	-2.17	0.12
Average:							-0.7	-0.4	0.9			2.1			0.15	0.12
Min:							-1.9	-1.0	0.6			0.5			-2.17	0.06
Max:							-0.1	-0.1	1.3			4.2			1.28	0.18
SD:							0.9	0.4	0.3			1.5			1.59	0.05

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QA table of Tsuen Wan Sampling site – Equipment Code F2

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment							
									Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %	
10-Oct-01	28.8	31	30.5	29	30.7	30	-0.2	0.3	0.5	767	758.7	8.3	16.74	16.76	-0.12	0.42
12-Jul-01	32.8	34.5	33.5	33.4	34.2	33.1	-0.6	0.3	0.4	753	750.1	2.9	16.73	17.01	-1.65	0.36
08-May-01	31.9	33.6	32	32.2	33	32.4	-0.3	0.6	-0.4	754	750.9	3.1	16.73	16.92	-1.12	0.36
12-Feb-01	24.3	27.7	25.7	25.2	27.2	25.5	-0.9	0.5	0.2	760	759.9	0.1	16.74	16.44	1.82	0.42
Average:							-0.5	0.4	0.2			3.6			-0.27	0.39
Min:							-0.9	0.3	-0.4			0.1			-1.65	0.36
Max:							-0.2	0.6	0.5			8.3			1.82	0.42
SD:							0.3	0.2	0.4			3.4			1.53	0.03

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QA table of Mong Kok Sampling site – Equipment Code F5

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
10-Oct-01	30.5	29.9	32.8	31.2	32.1	32.3	-0.7	-2.2	0.5	762	761.2	0.8	16.71	16.17	3.34	0.24
12-Jul-01	32.4	34.1	34.3	33.7	34.4	34.4	-1.3	-0.3	-0.1	752	750.6	1.4	16.73	16.88	-0.89	0.36
08-May-01	32.8	34.4	34.2	33.2	34.7	34.6	-0.4	-0.3	-0.4	756	754	2	16.77	16.97	-1.18	0.60
12-Feb-01	24.6	25.6	26.4	25.8	26.1	26.7	-1.2	-0.5	-0.3	764	763.1	0.9	16.74	16.92	-1.06	0.42
Average:							-0.9	-0.8	-0.1			1.3			0.05	0.40
Min:							-1.3	-2.2	-0.4			0.8			-1.18	0.24
Max:							-0.4	-0.3	0.5			2.0			3.34	0.60
SD:							0.4	0.9	0.4			0.6			2.19	0.15

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QA table of Mong Kok Sampling site – Equipment Code F6

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
10-Oct-01	29.5	32	32	30.6	31.9	31.4	-1.1	0.1	0.6	762	761	1	16.62	16.13	3.04	-0.30
12-Jul-01	31.6	34.3	33.8	32.9	34.1	33.8	-1.3	0.2	0	753	750.5	2.5	16.66	16.82	-0.95	-0.06
08-May-01	31.7	34.5	34	33	34	33.7	-1.3	0.5	0.3	756	753.8	2.2	16.66	16.84	-1.07	-0.06
12-Feb-01	23.3	23.8	25.7	24.5	24.7	25.8	-1.2	-0.9	-0.1	763	763.4	-0.4	16.67	16.39	1.71	0.00
Average:							-1.2	0.0	0.2			1.3			0.68	-0.10
Min:							-1.3	-0.9	-0.1			-0.4			-1.07	-0.30
Max:							-1.1	0.5	0.6			2.5			3.04	0.00
SD:							0.1	0.6	0.3			1.3			2.03	0.13

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QA table of Hok Tsui Sampling site – Equipment Code F7

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
16-Oct-01	29.2	29.2	29.1	29.3	29.9	29.5	-0.1	-0.7	-0.4	758	753.2	4.8	16.67	16.11	3.48	0.00
18-Jul-01	27.2	27.4	27.4	27.7	27.8	27.6	-0.5	-0.4	-0.2	752	746.6	5.4	16.67	16.50	1.03	0.00
14-May-01	28	29.7	29.2	28.5	30.1	29.2	-0.5	-0.4	0	754	752.4	1.6	16.67	16.39	1.71	0.00
06-Feb-01	20.1	22.5	21.9	20.8	22.8	21.6	-0.7	-0.3	0.3	753	755.9	-2.9	16.67	16.69	-0.12	0.00
Average:							-0.5	-0.5	-0.1			2.2			1.52	0.00
Min:							-0.7	-0.7	-0.4			-2.9			-0.12	0.00
Max:							-0.1	-0.3	0.3			5.4			3.48	0.00
SD:							0.3	0.2	0.3			3.8			1.50	0.00

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 4f (Cont'd). QA table of Hok Tsui Sampling site – Equipment Code F8

Performance Audit																
Date	Temperature Verification									Pressure Audit			Flow Rate Audit			
	Sampler's Indicated Temperature (T _{ind}), °C			Transfer Standard's Measured Temperature (T _{ref}), °C			Temperature Difference between Sampler's Indicated and Measured (T _{ind} -T _{ref}), °C			Pressure Audit			Flow Rate Audit			
	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Ambient	Filter	Filter Compartment	Sampler's Indicated Pressure (P _{ind}), mmHg	Measured Pressure (P _{ref}), mmHg	Pressure Difference between Sampler's Indicated and Measured (P _{ind} - P _{ref}), mmHg	Sampler's Indicated Flow Rate (Q _{ind}), L/min	Measured Flow Rate (Q _{ref}), L/min	Percent Difference of Flow Rate between Sampler's Indicated and Measured [(Q _{ind} - Q _{ref})*100/Q _{ref}], %	Percent Difference of Flow Rate between Sampler's Indicated and Design [(Q _{ind} - 16.67)*100/16.67], %
16-Oct-01	29.6	29.2	28.8	30.5	29.9	29.4	-0.9	-0.7	-0.6	757	753	4	16.66	16.10	3.48	-0.06
18-Jul-01	27.4	27.3	27.2	27.9	28.1	27.9	-0.5	-0.8	-0.7	748	746.6	1.4	16.67	16.55	0.73	0.00
14-May-01	27.4	29.6	28.7	28.7	29.4	29.4	-1.3	0.2	-0.7	754	752.4	1.6	16.66	16.69	-0.18	-0.06
06-Feb-01	21.6	22.8	23	22.5	22.3	22.4	-0.9	0.5	0.6	756	755.6	0.4	16.67	17.00	-1.94	0.00
Average:							-0.9	-0.2	-0.3			1.8			0.52	-0.03
Min:							-1.3	-0.8	-0.7			0.4			-1.94	-0.06
Max:							-0.5	0.5	0.6			4.0			3.48	0.00
SD:							0.3	0.6	0.6			1.5			2.26	0.03

Remarks:

Acceptance Criteria:

- One-Point Temperature Verification (Indicated vs Measured): ±2°C of transfer standard
- One-Point Pressure Verification (Indicated vs Measured): ±10mmHg of transfer standard
- One-Point Flow Rate Verification (Indicated vs Measured): ±4% of transfer standard
- One-Point Flow Rate Verification (Indicated vs Design): ±5% of Design flow rate

Table 5a. Measured species from EPD - Monthly Time Series Data of Tables 6a – 6f (marked * at the end of tables)

POLLUTANT	FULL_NAME	SHORT_NAME	Unit
1	SULPHUR DIOXIDE	SO2	µg/m ³
4	NITROGEN OXIDES	NOX	µg/m ³
5	NITRIC OXIDE	NO	µg/m ³
6	NITROGEN DIOXIDE	NO2	µg/m ³
7	CARBON MONOXIDE	CO	10 µg/m ³
8	OZONE	O3	µg/m ³
9	SULPHUR DIOXIDE (OPIS)	OSO2	µg/m ³
10	NITROGEN DIOXIDE (OPIS)	ONO2	µg/m ³
11	OZONE (OPIS)	OO3	µg/m ³
12	OZONE LIGHT LEVEL	O3LIG	%
13	WIND SPEED	WS	0.1 m/s
14	WIND DIRECTION	WD	deg
15	TEMPERATURE	TEMP	0.1 °C
17	SOLAR RADIATION	SR	mW/cm ²
20	FINE SUSPENDED PARTICULATES	FSP	µg/m ³
21	INTERNAL TEMPERATURE	IT	0.1 °C
22	TSP (TEOM)	TSP	µg/m ³
101	total suspended particulates	T_TSP	µg/m ³
201	Respirable suspended particulates	R_RSP	µg/m ³

Table 5b. Measured species from DRI of tables 6a – 6f, (unit: $\mu\text{g}/\text{m}^3$)

Code	Definition	Code	Definition
CLIC	Chloride concentration	RBXC	Rubidium concentration
N3IC	Nitrate concentration	SRXC	Strontium concentration
S4IC	Sulfate concentration	YTXC	Yttrium concentration
N4CC	Ammonium concentration	ZRXC	Zirconium concentration
NAAC	Soluble Sodium concentration	MOXC	Molybdenum concentration
KPAC	Soluble Potassium concentration	PDXC	Palladium concentration
OCTC	Organic Carbon concentration	AGXC	Silver concentration
ECTC	Elemental Carbon concentration	CDXC	Cadmium concentration
TCTC	Total Carbon concentration	INXC	Indium concentration
NAXC	Sodium concentration	SNXC	Tin concentration
MGXC	Magnesium concentration	SBXC	Antimony concentration
ALXC	Aluminum concentration	BAXC	Barium concentration
SIXC	Silicon concentration	LAXC	Lanthanum concentration
PHXC	Phosphorous concentration	AUXC	Gold concentration
SUXC	Sulfur concentration	HGXC	Mercury concentration
CLXC	Chlorine concentration	TLXC	Thallium concentration
KPXC	Potassium concentration	PBXC	Lead concentration
CAXC	Calcium concentration	URXC	Uranium concentration
TIXC	Titanium concentration	MGAC	Soluble Magnesium concentration
VAXC	Vanadium concentration		
CRXC	Chromium concentration		
MNXC	Manganese concentration		
FEXC	Iron concentration		
COXC	Cobalt concentration		
NIXC	Nickel concentration		
CUXC	Copper concentration		
ZNXC	Zinc concentration		
GAXC	Gallium concentration		
ASXC	Arsenic concentration		
SEXC	Selenium concentration		
BRXC	Bromine concentration		

Table 6a. Overall Summary of Analytical Results for “Twelve – Month Particulate Matter Study in Hong Kong” at Mong Kok

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Mong Kok	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Aluminum concentration	59	0.11	0.69	6/3/2001	0.14(21)	0.15(10)	0.07(21)	0.11(6)
Ammonium concentration	59	3.17	11.74	28/2/2001	3.74(21)	3.17(10)	2.47(21)	3.65(6)
Antimony concentration	59	0.00	0.04	28/2/2001	0.01(21)	0(10)	0(21)	0.01(6)
Arsenic concentration	59	0.00	0.04	28/2/2001	0.01(21)	0(10)	0(21)	0(6)
Barium concentration	59	0.03	0.08	22/2/2001	0.04(21)	0.02(10)	0.02(21)	0.03(6)
Bromine concentration	59	0.01	0.12	28/2/2001	0.02(21)	0.01(10)	0.01(21)	0.02(6)
Cadmium concentration	59	0.00	0.01	18/3/2001	0(21)	0(10)	0(21)	0(6)
Calcium concentration	59	0.17	0.79	6/3/2001	0.2(21)	0.17(10)	0.14(21)	0.16(6)
Chloride concentration	59	0.26	2.00	28/2/2001	0.41(21)	0.2(10)	0.18(21)	0.1(6)
Chlorine concentration	59	0.12	1.46	28/2/2001	0.23(21)	0.03(10)	0.07(21)	0.03(6)
Chromium concentration	59	0.00	0.00	14/9/2001	0(21)	0(10)	0(21)	0(6)
Cobalt concentration	59	0.00	0.00	15/8/2001	0(21)	0(10)	0(21)	0(6)
Copper concentration	59	0.01	0.07	28/2/2001	0.01(21)	0.01(10)	0.01(21)	0.01(6)
Elemental Carbon concentration	59	20.29	28.96	22/6/2001	19.35(21)	19.16(10)	21.73(21)	19.85(6)
Gallium concentration	59	0.00	0.00	28/2/2001	0(21)	0(10)	0(21)	0(6)
Gold concentration	59	0.00	0.00	30/12/2000	0(21)	0(10)	0(21)	0(6)
Indium concentration	59	0.00	0.01	24/12/2000	0(21)	0(10)	0(21)	0(6)
Iron concentration	59	0.27	0.77	6/3/2001	0.33(21)	0.28(10)	0.21(21)	0.24(6)
Lanthanum concentration	59	0.01	0.07	28/7/2001	0.01(21)	0.01(10)	0.02(21)	0.01(6)
Lead concentration	59	0.07	0.47	28/2/2001	0.11(21)	0.05(10)	0.03(21)	0.06(6)
Magnesium concentration	59	0.04	0.18	6/3/2001	0.04(21)	0.05(10)	0.04(21)	0.05(6)
Manganese concentration	59	0.01	0.06	28/2/2001	0.02(21)	0.01(10)	0.01(21)	0.01(6)
Mercury concentration	59	0.00	0.00	28/2/2001	0(21)	0(10)	0(21)	0(6)
Molybdenum concentration	59	0.00	0.00	28/2/2001	0(21)	0(10)	0(21)	0(6)
Nickel concentration	59	0.01	0.03	14/9/2001	0(21)	0.01(10)	0.01(21)	0(6)
Nitrate concentration	59	1.65	10.96	28/2/2001	2.59(21)	1.83(10)	0.8(21)	1.05(6)
Organic Carbon concentration	59	16.64	42.76	28/2/2001	22.45(21)	11.96(10)	14.34(21)	12.38(6)
Palladium concentration	59	0.00	0.01	6/11/2000	0(21)	0(10)	0(21)	0(6)
Phosphorous concentration	59	0.01	0.03	15/8/2001	0.01(21)	0.01(10)	0.01(21)	0(6)
Potassium concentration	59	0.55	2.27	28/2/2001	0.81(21)	0.43(10)	0.34(21)	0.66(6)
QMA Mass concentration	59	62.50	134.50	28/2/2001	72.6(21)	54.64(10)	56.87(21)	60.17(6)
Quartz filter volume (m ³)	59	23.99	24.00	6/11/2000	23.99(21)	24(10)	24(21)	23.95(6)
Rubidium concentration	59	0.00	0.03	28/2/2001	0.01(21)	0(10)	0(21)	0(6)
Selenium concentration	59	0.00	0.01	28/2/2001	0(21)	0(10)	0(21)	0(6)
Silicon concentration	59	0.48	2.08	6/3/2001	0.57(21)	0.56(10)	0.36(21)	0.43(6)

Mong Kok	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Silver concentration	59	0.00	0.01	18/3/2001	0(21)	0(10)	0(21)	0(6)
Sodium concentration	59	0.18	0.42	20/10/2001	0.16(21)	0.17(10)	0.17(21)	0.29(6)
Soluble Potassium concentration	59	0.46	2.30	28/2/2001	0.69(21)	0.33(10)	0.28(21)	0.52(6)
Soluble Sodium concentration	59	0.40	1.02	17/4/2001	0.38(21)	0.38(10)	0.36(21)	0.67(6)
Strontium concentration	59	0.00	0.01	6/3/2001	0(21)	0(10)	0(21)	0(6)
Sulfate concentration	59	9.50	24.45	28/2/2001	10.09(21)	10.26(10)	7.95(21)	11.43(6)
Sulfur concentration	59	3.49	8.07	14/9/2001	3.68(21)	3.5(10)	2.96(21)	4.6(6)
Teflon filter volume (m ³)	59	24.08	24.10	6/11/2000	24.09(21)	24.1(10)	24.08(21)	24(6)
Teflon Mass concentration	59	58.28	131.41	28/2/2001	68.75(21)	50.89(10)	52.02(21)	56.03(6)
Thallium concentration	59	0.00	0.00	16/7/2001	0(21)	0(10)	0(21)	0(6)
Tin concentration	59	0.02	0.07	5/4/2001	0.02(21)	0.02(10)	0.01(21)	0.02(6)
Titanium concentration	59	0.01	0.04	28/2/2001	0.01(21)	0.01(10)	0.01(21)	0.01(6)
Total Carbon concentration	59	36.91	53.87	28/2/2001	41.8(21)	31.12(10)	36.04(21)	32.16(6)
Uranium concentration	59	0.00	0.00	18/12/2000	0(21)	0(10)	0(21)	0(6)
Vanadium concentration	59	0.01	0.09	14/9/2001	0.01(21)	0.02(10)	0.02(21)	0.01(6)
Yttrium concentration	59	0.00	0.00	6/11/2000	0(21)	0(10)	0(21)	0(6)
Zinc concentration	59	0.18	0.79	28/2/2001	0.24(21)	0.14(10)	0.14(21)	0.17(6)
Zirconium concentration	59	0.00	0.00	28/2/2001	0(21)	0(10)	0(21)	0(6)
*CARBON MONOXIDE	299	152.49	345.48	28/2/2001	188.67(72)	157.77(61)	131.2(125)	149.47(36)
*FINE SUSPENDED PARTICULATES	Not measured							
*INTERNAL TEMPERATURE	299	270.36	316.42	1/5/2001	264.15(72)	270.73(61)	271.01(125)	281.28(36)
*NITRIC OXIDE	299	170.43	319.71	20/1/2001	179.43(72)	173.13(61)	177.28(125)	123.99(36)
*NITROGEN DIOXIDE	299	97.03	174.29	17/9/2001	109.84(72)	106.46(61)	80.55(125)	111.19(36)
*NITROGEN OXIDES	299	351.49	638.79	7/1/2001	375.13(72)	356.65(61)	349.74(125)	301.22(36)
*OZONE	Not measured							
*SOLAR RADIATION	299	9.74	21.25	28/6/2001	7.73(72)	10.85(61)	10.32(125)	9.88(36)
*SULPHUR DIOXIDE	299	19.59	90.82	17/9/2001	19.67(72)	20.53(61)	20.7(125)	14.6(36)
*TEMPERATURE	299	259.88	331.50	26/8/2001	190.88(72)	247.81(61)	297.97(125)	287.57(36)
*TEOM	299	71.72	154.00	9/3/2001	83.41(72)	72.93(61)	61.7(125)	80.35(36)
*WIND DIRECTION	299	161.63	319.67	13/6/2001	143.35(72)	156.8(61)	179.47(125)	152.21(36)
*WIND SPEED	299	10.43	17.13	1/7/2001	10.13(72)	11.06(61)	10.29(125)	10.28(36)

Table 6b. Overall Summary of Analytical Results for “Twelve – Month Particulate Matter Study in Hong Kong” at Tsuen Wan

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Tsuen Wan	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Aluminum concentration	58	0.11	0.77	6/3/2001	0.15(21)	0.14(9)	0.07(21)	0.11(6)
Ammonium concentration	58	2.96	11.87	28/2/2001	3.59(21)	2.73(9)	2.29(21)	3.6(6)
Antimony concentration	58	0.00	0.05	28/2/2001	0.01(21)	0(9)	0(21)	0(6)
Arsenic concentration	58	0.01	0.05	28/2/2001	0.01(21)	0(9)	0(21)	0(6)
Barium concentration	58	0.02	0.06	10/2/2001	0.02(21)	0.02(9)	0.01(21)	0.01(6)
Bromine concentration	58	0.01	0.15	28/2/2001	0.02(21)	0.01(9)	0.01(21)	0.01(6)
Cadmium concentration	58	0.00	0.01	6/11/2000	0(21)	0(9)	0(21)	0(6)
Calcium concentration	58	0.13	0.86	6/3/2001	0.16(21)	0.13(9)	0.09(21)	0.12(6)
Chloride concentration	58	0.14	2.44	28/2/2001	0.22(21)	0.08(9)	0.1(21)	0.04(6)
Chlorine concentration	58	0.09	2.30	28/2/2001	0.21(21)	0(9)	0.03(21)	0(6)
Chromium concentration	58	0.00	0.01	28/2/2001	0(21)	0(9)	0(21)	0(6)
Cobalt concentration	58	0.00	0.00	14/10/2001	0(21)	0(9)	0(21)	0(6)
Copper concentration	58	0.01	0.07	28/2/2001	0.01(21)	0.01(9)	0.01(21)	0.01(6)
Elemental Carbon concentration	58	5.37	9.54	22/2/2001	4.95(21)	5.26(9)	5.99(21)	4.69(6)
Gallium concentration	58	0.00	0.00	28/2/2001	0(21)	0(9)	0(21)	0(6)
Gold concentration	58	0.00	0.01	11/1/2001	0(21)	0(9)	0(21)	0(6)
Indium concentration	58	0.00	0.01	23/1/2001	0(21)	0(9)	0(21)	0(6)
Iron concentration	58	0.19	0.77	28/2/2001	0.25(21)	0.2(9)	0.13(21)	0.16(6)
Lanthanum concentration	58	0.01	0.07	28/7/2001	0.01(21)	0.01(9)	0.01(21)	0.02(6)
Lead concentration	58	0.07	0.54	28/2/2001	0.13(21)	0.05(9)	0.03(21)	0.06(6)
Magnesium concentration	58	0.04	0.22	6/3/2001	0.03(21)	0.05(9)	0.04(21)	0.06(6)
Manganese concentration	58	0.01	0.06	28/2/2001	0.02(21)	0.01(9)	0.01(21)	0.01(6)
Mercury concentration	58	0.00	0.00	2/10/2001	0(21)	0(9)	0(21)	0(6)
Molybdenum concentration	58	0.00	0.00	30/12/2000	0(21)	0(9)	0(21)	0(6)
Nickel concentration	58	0.01	0.02	28/2/2001	0(21)	0.01(9)	0.01(21)	0(6)
Nitrate concentration	58	1.34	10.74	28/2/2001	2.42(21)	1.21(9)	0.55(21)	0.64(6)
Organic Carbon concentration	58	8.69	29.40	28/2/2001	12.6(21)	6.41(9)	6.18(21)	7.38(6)
Palladium concentration	58	0.00	0.01	16/2/2001	0(21)	0(9)	0(21)	0(6)
Phosphorous concentration	58	0.01	0.02	21/8/2001	0.01(21)	0(9)	0.01(21)	0(6)
Potassium concentration	58	0.59	2.22	28/2/2001	0.89(21)	0.43(9)	0.35(21)	0.63(6)
QMA Mass concentration	58	37.28	119.13	28/2/2001	45.82(21)	32(9)	31.25(21)	37.66(6)
Quartz filter volume (m ³)	58	24.10	24.10	6/11/2000	24.1(21)	24.1(9)	24.1(21)	24.1(6)
Rubidium concentration	58	0.00	0.03	28/2/2001	0.01(21)	0(9)	0(21)	0(6)
Selenium concentration	58	0.00	0.01	28/2/2001	0(21)	0(9)	0(21)	0(6)
Silicon concentration	58	0.39	2.25	6/3/2001	0.54(21)	0.47(9)	0.23(21)	0.33(6)

Tsuen Wan	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Silver concentration	58	0.00	0.01	6/11/2000	0(21)	0(9)	0(21)	0(6)
Sodium concentration	58	0.16	0.41	6/3/2001	0.11(21)	0.18(9)	0.17(21)	0.27(6)
Soluble Potassium concentration	58	0.49	2.48	28/2/2001	0.77(21)	0.33(9)	0.29(21)	0.51(6)
Soluble Sodium concentration	58	0.40	1.19	6/3/2001	0.39(21)	0.4(9)	0.35(21)	0.63(6)
Strontium concentration	58	0.00	0.01	6/3/2001	0(21)	0(9)	0(21)	0(6)
Sulfate concentration	58	9.17	23.63	28/2/2001	9.74(21)	9.1(9)	8(21)	11.61(6)
Sulfur concentration	58	3.38	8.35	14/9/2001	3.58(21)	3.35(9)	2.89(21)	4.51(6)
Teflon filter volume (m ³)	58	24.00	24.00	6/11/2000	24(21)	24(9)	24(21)	24(6)
Teflon Mass concentration	58	34.12	122.04	28/2/2001	44.31(21)	29.31(9)	26.31(21)	34.42(6)
Thallium concentration	58	0.00	0.00	12/12/2000	0(21)	0(9)	0(21)	0(6)
Tin concentration	58	0.02	0.09	4/2/2001	0.03(21)	0.02(9)	0.01(21)	0.02(6)
Titanium concentration	58	0.01	0.05	6/3/2001	0.01(21)	0.01(9)	0.01(21)	0.01(6)
Total Carbon concentration	58	14.04	35.63	28/2/2001	17.55(21)	11.67(9)	12.13(21)	12(6)
Uranium concentration	58	0.00	0.00	28/2/2001	0(21)	0(9)	0(21)	0(6)
Vanadium concentration	58	0.01	0.05	28/2/2001	0.01(21)	0.02(9)	0.02(21)	0.01(6)
Yttrium concentration	58	0.00	0.00	6/3/2001	0(21)	0(9)	0(21)	0(6)
Zinc concentration	58	0.17	0.93	10/7/2001	0.23(21)	0.12(9)	0.15(21)	0.15(6)
Zirconium concentration	58	0.00	0.00	28/2/2001	0(21)	0(9)	0(21)	0(6)
*CARBON MONOXIDE	355	106.08	299.88	28/2/2001	121.15(128)	91.82(61)	101.83(125)	94.88(36)
*FINE SUSPENDED PARTICULATES	355	29.36	108.04	28/2/2001	23.53(128)	34.07(61)	28.77(125)	43.93(36)
*INTERNAL TEMPERATURE	355	261.31	278.96	13/9/2001	263.46(128)	260.42(61)	257.49(125)	267.91(36)
*NITRIC OXIDE	355	44.14	144.04	23/2/2001	46.13(128)	45.14(61)	48.55(125)	18.6(36)
*NITROGEN DIOXIDE	355	62.15	141.13	7/1/2001	68.79(128)	65(61)	53.09(125)	65.04(36)
*NITROGEN OXIDES	355	129.24	331.13	22/2/2001	138.67(128)	133.78(61)	126.99(125)	93.43(36)
*OZONE	355	22.48	76.25	12/10/2001	21.11(128)	22.51(61)	15.86(125)	50.82(36)
*SOLAR RADIATION	355	13.55	28.83	17/6/2001	11.52(128)	12.31(61)	15.1(125)	17.4(36)
*SULPHUR DIOXIDE	355	18.11	80.13	4/7/2001	17.85(128)	17.23(61)	21.83(125)	8.05(36)
*TEMPERATURE	355	243.28	317.25	23/8/2001	191.99(128)	240.82(61)	286.52(125)	279.25(36)
*TEOM	355	51.25	140.21	28/2/2001	59.54(128)	51.9(61)	39.36(125)	62.05(36)
*WIND DIRECTION	355	154.61	301.83	21/12/2000	157.09(128)	159.91(61)	155.03(125)	137.01(36)
*WIND SPEED	355	15.18	37.67	6/7/2001	14.67(128)	15.79(61)	14.84(125)	17.13(36)

Table 6c. Overall Summary of Analytical Results for “Twelve – Month Particulate Matter Study in Hong Kong” at Hok Tsui

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Hok Tsui	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Aluminum concentration	59	0.11	0.75	6/3/2001	0.14(22)	0.16(10)	0.05(20)	0.11(6)
Ammonium concentration	59	2.16	7.43	28/2/2001	2.67(22)	2.17(10)	1.41(20)	2.74(6)
Antimony concentration	59	0.00	0.02	11/1/2001	0.01(22)	0(10)	0(20)	0(6)
Arsenic concentration	59	0.00	0.02	28/2/2001	0.01(22)	0(10)	0(20)	0(6)
Barium concentration	59	0.01	0.04	18/12/2000	0.02(22)	0.01(10)	0.01(20)	0(6)
Bromine concentration	59	0.01	0.07	28/2/2001	0.02(22)	0.01(10)	0.01(20)	0.02(6)
Cadmium concentration	59	0.00	0.01	6/11/2000	0(22)	0(10)	0(20)	0(6)
Calcium concentration	59	0.10	0.80	6/3/2001	0.14(22)	0.12(10)	0.05(20)	0.1(6)
Chloride concentration	59	0.14	1.24	4/2/2001	0.2(22)	0.14(10)	0.12(20)	0.03(6)
Chlorine concentration	59	0.14	1.12	4/2/2001	0.27(22)	0.04(10)	0.09(20)	0.06(6)
Chromium concentration	59	0.00	0.00	28/2/2001	0(22)	0(10)	0(20)	0(6)
Cobalt concentration	59	0.00	0.00	5/5/2001	0(22)	0(10)	0(20)	0(6)
Copper concentration	59	0.01	0.05	28/2/2001	0.01(22)	0(10)	0(20)	0(6)
Elemental Carbon concentration	59	1.68	4.56	4/2/2001	1.94(22)	1.85(10)	1.29(20)	1.81(6)
Gallium concentration	59	0.00	0.00	30/12/2000	0(22)	0(10)	0(20)	0(6)
Gold concentration	59	0.00	0.00	24/12/2000	0(22)	0(10)	0(20)	0(6)
Indium concentration	59	0.00	0.01	11/1/2001	0(22)	0(10)	0(20)	0(6)
Iron concentration	59	0.12	0.71	6/3/2001	0.16(22)	0.17(10)	0.06(20)	0.11(6)
Lanthanum concentration	59	0.01	0.05	23/5/2001	0.01(22)	0.01(10)	0.02(20)	0.01(6)
Lead concentration	59	0.06	0.29	28/2/2001	0.1(22)	0.04(10)	0.03(20)	0.06(6)
Magnesium concentration	59	0.06	0.24	6/3/2001	0.07(22)	0.06(10)	0.04(20)	0.07(6)
Manganese concentration	59	0.01	0.03	28/2/2001	0.01(22)	0.01(10)	0(20)	0.01(6)
Mercury concentration	59	0.00	0.00	18/3/2001	0(22)	0(10)	0(20)	0(6)
Molybdenum concentration	59	0.00	0.00	26/9/2001	0(22)	0(10)	0(20)	0(6)
Nickel concentration	59	0.00	0.02	14/9/2001	0(22)	0.01(10)	0.01(20)	0(6)
Nitrate concentration	59	0.71	6.64	28/2/2001	1.36(22)	0.53(10)	0.23(20)	0.3(6)
Organic Carbon concentration	59	4.23	16.64	28/2/2001	6.85(22)	2.9(10)	2.28(20)	3.71(6)
Palladium concentration	59	0.00	0.01	17/1/2001	0(22)	0(10)	0(20)	0(6)
Phosphorous concentration	59	0.00	0.02	29/5/2001	0(22)	0(10)	0(20)	0(6)
Potassium concentration	59	0.49	1.83	30/12/2000	0.73(22)	0.36(10)	0.27(20)	0.59(6)
QMA Mass concentration	59	25.85	69.88	28/2/2001	32.47(22)	23.77(10)	18.89(20)	28.82(6)
Quartz filter volume (m ³)	59	24.00	24.00	6/11/2000	24(22)	24(10)	24(20)	24(6)
Rubidium concentration	59	0.00	0.02	28/2/2001	0.01(22)	0(10)	0(20)	0(6)
Selenium concentration	59	0.00	0.01	4/7/2001	0(22)	0(10)	0(20)	0(6)
Silicon concentration	59	0.35	2.17	6/3/2001	0.46(22)	0.51(10)	0.16(20)	0.32(6)

Hok Tsui	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
Silver concentration	59	0.00	0.01	12/11/2000	0(22)	0(10)	0(20)	0(6)
Sodium concentration	59	0.29	0.82	6/11/2000	0.37(22)	0.23(10)	0.2(20)	0.39(6)
Soluble Potassium concentration	59	0.40	1.64	30/12/2000	0.61(22)	0.27(10)	0.23(20)	0.48(6)
Soluble Sodium concentration	59	0.68	3.80	6/11/2000	0.91(22)	0.54(10)	0.46(20)	0.87(6)
Strontium concentration	59	0.00	0.01	6/3/2001	0(22)	0(10)	0(20)	0(6)
Sulfate concentration	59	8.64	20.37	29/5/2001	9.29(22)	9.85(10)	6.54(20)	11.03(6)
Sulfur concentration	59	3.05	6.95	14/9/2001	3.34(22)	3.17(10)	2.33(20)	4.22(6)
Teflon filter volume (m ³)	59	24.00	24.00	6/11/2000	24(22)	24(10)	24(20)	24(6)
Teflon Mass concentration	59	23.66	68.29	28/2/2001	31.78(22)	22.24(10)	14.63(20)	27.16(6)
Thallium concentration	59	0.00	0.00	24/11/2000	0(22)	0(10)	0(20)	0(6)
Tin concentration	59	0.01	0.03	6/12/2000	0.02(22)	0.01(10)	0.01(20)	0.01(6)
Titanium concentration	59	0.01	0.07	6/3/2001	0.01(22)	0.01(10)	0(20)	0.01(6)
Total Carbon concentration	59	5.89	20.41	28/2/2001	8.79(22)	4.74(10)	3.54(20)	5.45(6)
Uranium concentration	59	0.00	0.00	29/4/2001	0(22)	0(10)	0(20)	0(6)
Vanadium concentration	59	0.01	0.06	14/9/2001	0.01(22)	0.02(10)	0.01(20)	0.01(6)
Yttrium concentration	59	0.00	0.00	6/3/2001	0(22)	0(10)	0(20)	0(6)
Zinc concentration	59	0.11	0.48	28/2/2001	0.17(22)	0.08(10)	0.06(20)	0.1(6)
Zirconium concentration	59	0.00	0.00	4/7/2001	0(22)	0(10)	0(20)	0(6)

Table 6d. Overall Summary for “Twelve – Month Particulate Matter Study in Hong Kong” at Central Western

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Central Western	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
*INTERNAL TEMPERATURE	355	263.61	300.67	25/11/2000	254.42(128)	265.79(61)	273.99(125)	256.78(36)
*NITRIC OXIDE	355	26.21	140.48	20/1/2001	29.59(128)	28.46(61)	26.77(125)	8.37(36)
*NITROGEN DIOXIDE	355	54.81	144.13	7/1/2001	62.23(128)	54.59(61)	48.11(125)	50.54(36)
*NITROGEN OXIDES	355	94.48	333.96	20/1/2001	108.23(128)	97.21(61)	86.56(125)	66.78(36)
*OZONE	355	34.49	98.04	17/9/2001	31.82(128)	35.86(61)	28.71(125)	62.31(36)
*SOLAR RADIATION	355	12.06	30.38	10/7/2001	8.15(128)	11.98(61)	14.83(125)	16.48(36)
*SULPHUR DIOXIDE	355	21.36	102.72	22/8/2001	21.56(128)	26.02(61)	20.6(125)	15.91(36)
*TEMPERATURE	355	238.88	316.88	19/9/2001	185.52(128)	234.86(61)	286.01(125)	272.21(36)
*TEOM	355	54.68	154.61	9/3/2001	67.03(128)	55.9(61)	37.23(125)	68.92(36)
*WIND DIRECTION	355	136.05	299.17	16/10/2001	134.34(128)	149.26(61)	131.63(125)	138.33(36)
*WIND SPEED	355	21.32	47.25	22/4/2001	22.31(128)	22.15(61)	19.1(125)	24.3(36)

Table 6e. Overall Summary for “Twelve – Month Particulate Matter Study in Hong Kong” at Tap Mun

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Tap Mun	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
*CARBON MONOXIDE	355	34.87	159.39	28/2/2001	56.68(128)	38.25(61)	13.67(125)	26.65(36)
*FINE SUSPENDED PARTICULATES	355	23.21	88.48	17/10/2001	19.15(128)	27.08(61)	21.05(125)	38.22(36)
*INTERNAL TEMPERATURE	355	272.95	283.25	1/1/2001	270.83(128)	271.75(61)	275.29(125)	275.11(36)
*NITRIC OXIDE	355	1.87	43.43	28/2/2001	1.29(128)	2.08(61)	2.64(125)	1.06(36)
*NITROGEN DIOXIDE	355	9.93	62.74	28/2/2001	11.65(128)	9.91(61)	9.32(125)	6.44(36)
*NITROGEN OXIDES	355	12.09	129.61	28/2/2001	13.08(128)	11.49(61)	12.66(125)	8.28(36)
*OZONE	355	65.16	143.65	17/9/2001	65.4(128)	72.11(61)	50.41(125)	102.38(36)
*SULPHUR DIOXIDE	355	8.86	37.91	17/9/2001	7.8(128)	7.03(61)	9.68(125)	13.56(36)
*TEOM	355	40.24	153.67	9/3/2001	48.45(128)	40.43(61)	27.99(125)	53.48(36)

Table 6f. Overall Summary for “Twelve – Month Particulate Matter Study in Hong Kong” at Tung Chung

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Tung Chung	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
*CARBON MONOXIDE	355	55.36	195.71	28/2/2001	82.21(128)	57.38(61)	26.97(125)	59.09(36)
*FINE SUSPENDED PARTICULATES	355	26.29	103.50	11/3/2001	23.43(128)	29.95(61)	22.96(125)	42.74(36)
*INTERNAL TEMPERATURE (° C)	355	266.08	286.00	29/7/2001	269.03(128)	259.48(61)	265.06(125)	270.43(36)
*NITRIC OXIDE	355	15.12	85.13	11/1/2001	22.86(128)	14.35(61)	10.59(125)	5.49(36)
*NITROGEN DIOXIDE	355	44.36	111.48	10/12/2000	60.64(128)	44.07(61)	27.36(125)	48.32(36)
*NITROGEN OXIDES	355	67.46	226.04	11/3/2001	95.67(128)	65.57(61)	43.9(125)	55.96(36)
*OZONE	355	38.27	119.21	12/10/2001	28.83(128)	41.71(61)	36.32(125)	72.22(36)
*SOLAR RADIATION (mW/cm ²)	355	14.38	33.79	10/7/2001	10.28(128)	13.57(61)	17.71(125)	18.44(36)
*SULPHUR DIOXIDE	355	16.50	93.58	28/2/2001	20.57(128)	12.55(61)	14.61(125)	16.45(36)
*TEMPERATURE (° C)	355	239.48	319.25	23/8/2001	183.34(128)	240.06(61)	286.91(125)	272.22(36)
*TEOM	355	46.33	137.83	9/3/2001	60.99(128)	42.97(61)	30.44(125)	57.35(36)
*WIND DIRECTION (deg)	355	174.94	305.83	21/10/2001	167.2(128)	173.95(61)	168.84(125)	224.27(36)
*WIND SPEED (m/s)	355	19.30	54.38	9/11/2000	19.28(128)	18.48(61)	18.49(125)	23.12(36)

Table 6g. Overall Summary for “Twelve – Month Particulate Matter Study in Hong Kong” at Yuen Long

(Note: units referring to tables 5a, 5b unless specified; n and value in () are number of samples)

Yuen Long	n	Average	Maximum	Date of max	Winter avg	Spring avg	Summer avg	Fall avg
*INTERNAL TEMPERATURE (° C)	355	260.36	308.08	13/10/2001	256.77(128)	260.47(61)	265.26(125)	255.33(36)
*NITROGEN DIOXIDE	355	50.45	120.17	22/2/2001	40.61(128)	62.89(61)	52.39(125)	55.95(36)
*OZONE	355	26.19	92.50	12/10/2001	16.26(128)	30.63(61)	27.13(125)	50.94(36)
*SOLAR RADIATION (mW/cm ²)	355	13.33	30.11	24/9/2001	10.84(128)	12.95(61)	15.39(125)	15.72(36)
*SULPHUR DIOXIDE	355	15.18	98.67	4/7/2001	13.59(128)	17.08(61)	16.9(125)	11.83(36)
*TEMPERATURE (° C)	355	240.94	322.58	23/8/2001	187.9(128)	245.15(61)	288.2(125)	257.41(36)
*TEOM	355	55.22	167.21	9/3/2001	70.95(128)	51.68(61)	38.88(125)	63.5(36)
*WIND DIRECTION (deg)	355	140.04	288.79	3/2/2001	120.41(128)	151.26(61)	161.86(125)	111.66(36)

Table 7. The EPD Database of the Twelve Months Particulate Matter Study

The Database of the Twelve Month Particulate Matter Study is constructed by of Microsoft Access XP. There are all together 11 data and definition tables in the database. Tables 8a –8d show the structure of the data definitions.

Table Name	Description
SiteID	Contain the site ID and the full name
DRI Full	Contain the filter and analysis result from DRI laboratory
EPD-Filters	Contain the filter information and weighing result excluding Lab Blank filters
GlabData Day1&3	HK Government Laboratory analysis result for filters sampled at Day 1 and 3 of the sample cycle.
GlabData Day2	HK Government Laboratory analysis result for filters sampled at Day 2 of the sample cycle.
MTS	HK EPD Air Monitoring Data, 2000 - 2001 – Monthly Time Series
Parameter	HK EPD Monitoring Pollutant – ID, name and units
DRI Definition	DRI analysis species – ID and name
POL_UNIT	Pollutant units – ID, Symbols and name
TAP 00-01	HK EPD Toxic Air Pollutants monitoring results. Including SampleID, Site, monitoring species and concentration
TEOM_FSP	EPD TEOM FSP monitoring hourly data, from July 1998 to December 2001

The 11 tables contain all the results and data of the study. Information required be comparing, analysing, interpreting and so on are extracted by creating queries from those tables.

The queried results may be further incorporated into MS Excel for analysis and interpretation.

Table 8a. Variable names, descriptions, and measurement units of filter analysis table in the assembled aerosol database

Code	Definition	Unit
SITE	Sampling site	
DATE	Sampling date	
SIZE	particle size	
TSAMPLEID	HKEPD sample ID	
TFILTERID	HKEPD filter ID	
TID	DRI Teflon filter ID	
QSAMPLEID	HKEPD sample ID	
QFILTERID	HKEPD filter ID	
QID	DRI quartz filter ID	
TFFLG	Teflon filter field flag (see FLDFLAGS.doc)	
QFFLG	Quartz filter field flag (see FLDFLAGS.doc)	
ANIF	Anion analysis flag (see CHEMFLAG.doc)	
N4CF	Ammonium analysis flag (see CHEMFLAG.doc)	
NAAF	Soluble sodium analysis flag (see CHEMFLAG.doc)	
KPAF	Soluble potassium analysis flag (see CHEMFLAG.doc)	
OETF	Carbon analysis flag (see CHEMFLAG.doc)	
ELXF	XRF analysis flag (see CHEMFLAG.doc)	
TVOC	Teflon filter volume (m3)	m ³
TVOU	Teflon filter volume uncertainty (estimated at 5% of volume)	m ³
QVOC	Quartz filter volume (m3)	m ³
QVOU	Quartz filter volume uncertainty (estimated at 5% of volume)	m ³
TMSGC	Teflon Mass concentration	µg/m ³
TMSGU	Teflon Mass concentration uncertainty	µg/m ³
QMSGC	QMA Mass concentration	µg/m ³
QMSGU	QMA Mass concentration uncertainty	µg/m ³
CLIC	Chloride concentration	µg/m ³
CLIU	Chloride concentration uncertainty	µg/m ³
N3IC	Nitrate concentration	µg/m ³
N3IU	Nitrate concentration uncertainty	µg/m ³
S4IC	Sulfate concentration	µg/m ³
S4IU	Sulfate concentration uncertainty	µg/m ³
N4CC	Ammonium concentration	µg/m ³
N4CU	Ammonium concentration uncertainty	µg/m ³
NAAC	Soluble Sodium concentration	µg/m ³
NAAU	Soluble Sodium concentration uncertainty	µg/m ³
KPAC	Soluble Potassium concentration	µg/m ³
KPAU	Soluble Potassium concentration uncertainty	µg/m ³
OCTC	Organic Carbon concentration	µg/m ³
OCTU	Organic Carbon concentration uncertainty	µg/m ³
ECTC	Elemental Carbon concentration	µg/m ³
ECTU	Elemental Carbon concentration uncertainty	µg/m ³
TCTC	Total Carbon concentration	µg/m ³

Code	Definition	Unit
TCTU	Total Carbon concentration uncertainty	µg/m ³
NAXC	Sodium concentration	µg/m ³
NAXU	Sodium concentration uncertainty	µg/m ³
MGXC	Magnesium concentration	µg/m ³
MGXU	Magnesium concentration uncertainty	µg/m ³
ALXC	Aluminum concentration	µg/m ³
ALXU	Aluminum concentration uncertainty	µg/m ³
SIXC	Silicon concentration	µg/m ³
SIXU	Silicon concentration uncertainty	µg/m ³
PHXC	Phosphorous concentration	µg/m ³
PHXU	Phosphorous concentration uncertainty	µg/m ³
SUXC	Sulfur concentration	µg/m ³
SUXU	Sulfur concentration uncertainty	µg/m ³
CLXC	Chlorine concentration	µg/m ³
CLXU	Chlorine concentration uncertainty	µg/m ³
KPXC	Potassium concentration	µg/m ³
KPXU	Potassium concentration uncertainty	µg/m ³
CAXC	Calcium concentration	µg/m ³
CAXU	Calcium concentration uncertainty	µg/m ³
TIXC	Titanium concentration	µg/m ³
TIXU	Titanium concentration uncertainty	µg/m ³
VAXC	Vanadium concentration	µg/m ³
VAXU	Vanadium concentration uncertainty	µg/m ³
CRXC	Chromium concentration	µg/m ³
CRXU	Chromium concentration uncertainty	µg/m ³
MNXC	Manganese concentration	µg/m ³
MNXU	Manganese concentration uncertainty	µg/m ³
FEXC	Iron concentration	µg/m ³
FEXU	Iron concentration uncertainty	µg/m ³
COXC	Cobalt concentration	µg/m ³
COXU	Cobalt concentration uncertainty	µg/m ³
NIXC	Nickel concentration	µg/m ³
NIXU	Nickel concentration uncertainty	µg/m ³
CUXC	Copper concentration	µg/m ³
CUXU	Copper concentration uncertainty	µg/m ³
ZNXC	Zinc concentration	µg/m ³
ZNXU	Zinc concentration uncertainty	µg/m ³
GAXC	Gallium concentration	µg/m ³
GAXU	Gallium concentration uncertainty	µg/m ³
ASXC	Arsenic concentration	µg/m ³
ASXU	Arsenic concentration uncertainty	µg/m ³
SEXC	Selenium concentration	µg/m ³
SEXU	Selenium concentration uncertainty	µg/m ³
BRXC	Bromine concentration	µg/m ³
BRXU	Bromine concentration uncertainty	µg/m ³
RBXC	Rubidium concentration	µg/m ³

Code	Definition	Unit
RBXU	Rubidium concentration uncertainty	$\mu\text{g}/\text{m}^3$
SRXC	Strontium concentration	$\mu\text{g}/\text{m}^3$
SRXU	Strontium concentration uncertainty	$\mu\text{g}/\text{m}^3$
YTXC	Yttrium concentration	$\mu\text{g}/\text{m}^3$
YTXU	Yttrium concentration uncertainty	$\mu\text{g}/\text{m}^3$
ZRXC	Zirconium concentration	$\mu\text{g}/\text{m}^3$
ZRXU	Zirconium concentration uncertainty	$\mu\text{g}/\text{m}^3$
MOXC	Molybdenum concentration	$\mu\text{g}/\text{m}^3$
MOXU	Molybdenum concentration uncertainty	$\mu\text{g}/\text{m}^3$
PDXC	Palladium concentration	$\mu\text{g}/\text{m}^3$
PDXU	Palladium concentration uncertainty	$\mu\text{g}/\text{m}^3$
AGXC	Silver concentration	$\mu\text{g}/\text{m}^3$
AGXU	Silver concentration uncertainty	$\mu\text{g}/\text{m}^3$
CDXC	Cadmium concentration	$\mu\text{g}/\text{m}^3$
CDXU	Cadmium concentration uncertainty	$\mu\text{g}/\text{m}^3$
INXC	Indium concentration	$\mu\text{g}/\text{m}^3$
INXU	Indium concentration uncertainty	$\mu\text{g}/\text{m}^3$
SNXC	Tin concentration	$\mu\text{g}/\text{m}^3$
SNXU	Tin concentration uncertainty	$\mu\text{g}/\text{m}^3$
SBXC	Antimony concentration	$\mu\text{g}/\text{m}^3$
SBXU	Antimony concentration uncertainty	$\mu\text{g}/\text{m}^3$
BAXC	Barium concentration	$\mu\text{g}/\text{m}^3$
BAXU	Barium concentration uncertainty	$\mu\text{g}/\text{m}^3$
LAXC	Lanthanum concentration	$\mu\text{g}/\text{m}^3$
LAXU	Lanthanum concentration uncertainty	$\mu\text{g}/\text{m}^3$
AUXC	Gold concentration	$\mu\text{g}/\text{m}^3$
AUXU	Gold concentration uncertainty	$\mu\text{g}/\text{m}^3$
HGXC	Mercury concentration	$\mu\text{g}/\text{m}^3$
HGXU	Mercury concentration uncertainty	$\mu\text{g}/\text{m}^3$
TLXC	Thallium concentration	$\mu\text{g}/\text{m}^3$
TLXU	Thallium concentration uncertainty	$\mu\text{g}/\text{m}^3$
PBXC	Lead concentration	$\mu\text{g}/\text{m}^3$
PBXU	Lead concentration uncertainty	$\mu\text{g}/\text{m}^3$
URXC	Uranium concentration	$\mu\text{g}/\text{m}^3$
URXU	Uranium concentration uncertainty	$\mu\text{g}/\text{m}^3$

Table 8b. Variable names and descriptions of filter weighing table in the database

Code	Description	Unit
Sampling Date	Sampling Date	
Sample ID	Sample ID	
Filter ID	Filter ID	
Weighing Batch No	Weighing Batch Number	
Site ID	Site ID	
Year	Year	
Month	Month	
Day	Day	
Size of PM	Size of PM	
Equipment No	Equipment Number	
Filter Medium	Filter Medium	
Filter Lot No	Filter Lot Number	
Initial Flow	Initial Flow	L/min
Final Flow	Final Flow	L/min
Average Flow	Average Flow	L/min
CV* (flow)	Coefficient of Variation of Flow	%
Sampled Air Volume	Sampled Air Volume	m ³
Pre-Weighing Date	Pre-Weighing Date	mg
Pre-Weight	Pre-Weight	mg
Post-Weighing Date	Post-Weighing Date	mg
Post-Weight	Post-Weight	mg
Net Mass Collected	Net Mass Collected	mg
Concentration	Concentration	mg/m ³
Filter Type	Filter Type	
Flag	Flag	

Table 8c. Variable names and descriptions of Toxic Air Pollutants Table in the database

Code	Description	Unit
SAMPID	Sample ID	
STRDATE	Sampling Date	
STRTIME	Starting Time	
DURATION	Sample time	
SITEID	Site ID	
CPDCAT	Sampling compound category	
SAMPTYPE	Sample Type; Sample or Blank	
CASNO1	Case Number of the compound	
CASNO2	Alternative case Number	
Formaldehyde	Formaldehyde	µg/m ³
Acetaldehyde	Acetaldehyde	µg/m ³
Acrolein	Acrolein	µg/m ³
Acetone	Acetone	µg/m ³
Propionaldehyde	Propionaldehyde	µg/m ³
Crotonaldehyde	Crotonaldehyde	µg/m ³
Methyl ethyl ketone	Methyl ethyl ketone	µg/m ³
Butyraldehyde/IBA	Butyraldehyde/IBA	µg/m ³
Benzaldehyde	Benzaldehyde	µg/m ³
Isovaleraldehyde	Isovaleraldehyde	µg/m ³
Valeraldehyde	Valeraldehyde	µg/m ³
o-Tolualdehyde	o-Tolualdehyde	µg/m ³
m-Tolualdehyde	m-Tolualdehyde	µg/m ³
p-Tolualdehyde	p-Tolualdehyde	µg/m ³
Hexaldehyde	Hexaldehyde	µg/m ³
2,5-Dimethylbenzaldehyde	2,5-Dimethylbenzaldehyde	µg/m ³
DIOXIN	DIOXIN	I-TEQ pg/m ³
2378-TCDF	2378-TCDF	I-TEQ pg/sample
2378-TCDD	2378-TCDD	I-TEQ pg/sample
12378-PeCDF	12378-PeCDF	I-TEQ pg/sample
23478-PeCDF	23478-PeCDF	I-TEQ pg/sample
12378-PeCDD	12378-PeCDD	I-TEQ pg/sample
123478-HxCDF	123478-HxCDF	I-TEQ pg/sample
123678-HxCDF	123678-HxCDF	I-TEQ pg/sample
234678-HxCDF	234678-HxCDF	I-TEQ pg/sample
123789-HxCDF	123789-HxCDF	I-TEQ pg/sample
123478-HxCDD	123478-HxCDD	I-TEQ pg/sample
123678-HxCDD	123678-HxCDD	I-TEQ pg/sample
123789-HxCDD	123789-HxCDD	I-TEQ pg/sample

Code	Description	Unit
1234678-HpCDF	1234678-HpCDF	I-TEQ pg/sample
1234789-HpCDF	1234789-HpCDF	I-TEQ pg/sample
1234678-HpCDD	1234678-HpCDD	I-TEQ pg/sample
OCDF	OCDF	I-TEQ pg/sample
OCDD	OCDD	I-TEQ pg/sample
Hexavalent Chromium	Hexavalent Chromium	ng/m ³
PCB	PCB	ng/m ³
Naphthalene	Naphthalene	ng/m ³
Acenaphthylene	Acenaphthylene	ng/m ³
Acenaphthene	Acenaphthene	ng/m ³
Fluorene	Fluorene	ng/m ³
Phenanthrene	Phenanthrene	ng/m ³
Anthracene	Anthracene	ng/m ³
Fluoranthene	Fluoranthene	ng/m ³
Pyrene	Pyrene	ng/m ³
Benzo(a)anthracene	Benzo(a)anthracene	ng/m ³
Chrysene	Chrysene	ng/m ³
Benzo(e)pyrene	Benzo(e)pyrene	ng/m ³
Benzo(b)fluoranthene	Benzo(b)fluoranthene	ng/m ³
Benzo(k)fluoranthene	Benzo(k)fluoranthene	ng/m ³
Benzo(a)pyrene	Benzo(a)pyrene	ng/m ³
Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	ng/m ³
Benzo(g,h,i)perylene	Benzo(g,h,i)perylene	ng/m ³
Indeno(1,2,3-cd)pyrene	Indeno(1,2,3-cd)pyrene	ng/m ³
Freon 12	Freon 12	µg/m ³
Chloromethane	Chloromethane	µg/m ³
Freon 114	Freon 114	µg/m ³
Chloroethene	Chloroethene	µg/m ³
Bromomethane	Bromomethane	µg/m ³
Chloroethane	Chloroethane	µg/m ³
Freon 11	Freon 11	µg/m ³
1,1-Dichloroethene	1,1-Dichloroethene	µg/m ³
Methylene chloride	Methylene chloride	µg/m ³
Freon 113	Freon 113	µg/m ³
1,1-Dichloroethane	1,1-Dichloroethane	µg/m ³
cis-1,2-Dichloroethene	cis-1,2-Dichloroethene	µg/m ³
Chloroform	Chloroform	µg/m ³
1,2-Dichloroethane	1,2-Dichloroethane	µg/m ³
1,1,1-Trichloroethane	1,1,1-Trichloroethane	µg/m ³
Benzene	Benzene	µg/m ³

Code	Description	Unit
Carbon tetrachloride	Carbon tetrachloride	µg/m ³
1,2-Dichloropropane	1,2-Dichloropropane	µg/m ³
Trichloroethene	Trichloroethene	µg/m ³
cis-1,3-Dichloropropene	cis-1,3-Dichloropropene	µg/m ³
trans-1,3-Dichloropropene	trans-1,3-Dichloropropene	µg/m ³
1,1,2-Trichloroethane	1,1,2-Trichloroethane	µg/m ³
Toluene	Toluene	µg/m ³
1,2-Dibromoethane	1,2-Dibromoethane	µg/m ³
Tetrachloroethene	Tetrachloroethene	µg/m ³
Chlorobenzene	Chlorobenzene	µg/m ³
Ethylbenzene	Ethylbenzene	µg/m ³
m,p-Xylene	m,p-Xylene	µg/m ³
Styrene	Styrene	µg/m ³
1,1,2,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	µg/m ³
o-Xylene	o-Xylene	µg/m ³
1,3,5-Trimethylbenzene	1,3,5-Trimethylbenzene	µg/m ³
1,2,4-Trimethylbenzene	1,2,4-Trimethylbenzene	µg/m ³
m-Dichlorobenzene	m-Dichlorobenzene	µg/m ³
Benzyl chloride	Benzyl chloride	µg/m ³
o-Dichlorobenzene	o-Dichlorobenzene	µg/m ³
p-Dichlorobenzene	p-Dichlorobenzene	µg/m ³
1,2,4-Trichlorobenzene	1,2,4-Trichlorobenzene	µg/m ³
Hexachlorobutadiene	Hexachlorobutadiene	µg/m ³
1,3-Butadiene	1,3-Butadiene	µg/m ³
4-Ethyltoluene	4-Ethyltoluene	µg/m ³
Hexane	Hexane	µg/m ³
2,2,4-Trimethylpentane	2,2,4-Trimethylpentane	µg/m ³
Propylene	Propylene	µg/m ³
Propane	Propane	µg/m ³
Freon 22	Freon 22	µg/m ³
1-Propyne	1-Propyne	µg/m ³
Iso-Butane	Iso-Butane	µg/m ³
1-Butene/Iso-Butylene	1-Butene/Iso-Butylene	µg/m ³
Butane	Butane	µg/m ³
trans-2-Butene	trans-2-Butene	µg/m ³
2,2-Dimethylpropane	2,2-Dimethylpropane	µg/m ³
1-Butyne	1-Butyne	µg/m ³
cis-2-Butene	cis-2-Butene	µg/m ³
2-Methylbutane	2-Methylbutane	µg/m ³
1-Pentene	1-Pentene	µg/m ³

Code	Description	Unit
2-Methyl-1-Butene	2-Methyl-1-Butene	µg/m ³
Pentane	Pentane	µg/m ³
Isoprene	Isoprene	µg/m ³
Bromoethane	Bromoethane	µg/m ³
trans-2-Pentene	trans-2-Pentene	µg/m ³
cis-2-Pentene	cis-2-Pentene	µg/m ³
2-Methyl-2-Butene	2-Methyl-2-Butene	µg/m ³
3-Chloropropene	3-Chloropropene	µg/m ³
2,2-Dimethylbutane	2,2-Dimethylbutane	µg/m ³
Cyclopentene	Cyclopentene	µg/m ³
trans-1,2-Dichloroethene	trans-1,2-Dichloroethene	µg/m ³
4-Methyl-1-Pentene	4-Methyl-1-Pentene	µg/m ³
3-Methyl-1-Pentene	3-Methyl-1-Pentene	µg/m ³
Cyclopentane	Cyclopentane	µg/m ³
2,3-Dimethylbutane	2,3-Dimethylbutane	µg/m ³
trans-4-Methyl-2-Pentene	trans-4-Methyl-2-Pentene	µg/m ³
2-Methylpentane	2-Methylpentane	µg/m ³
cis-4-Methyl-2-Pentene	cis-4-Methyl-2-Pentene	µg/m ³
3-Methylpentane	3-Methylpentane	µg/m ³
trans-2-Hexene	trans-2-Hexene	µg/m ³
2-Ethyl-1-Butene	2-Ethyl-1-Butene	µg/m ³
trans-3-Methyl-2-Pentene	trans-3-Methyl-2-Pentene	µg/m ³
cis-2-Hexene	cis-2-Hexene	µg/m ³
cis-3-Methyl-2-Pentene	cis-3-Methyl-2-Pentene	µg/m ³
Methylcyclopentane	Methylcyclopentane	µg/m ³
2,4-Dimethylpentane	2,4-Dimethylpentane	µg/m ³
2,2,3-Trimethylbutane	2,2,3-Trimethylbutane	µg/m ³
1-Methylcyclopentene	1-Methylcyclopentene	µg/m ³
Cyclohexane	Cyclohexane	µg/m ³
2-Methylhexane	2-Methylhexane	µg/m ³
2,3-Dimethylpentane	2,3-Dimethylpentane	µg/m ³
Cyclohexene	Cyclohexene	µg/m ³
3-Methylhexane	3-Methylhexane	µg/m ³
Dibromomethane	Dibromomethane	µg/m ³
Bromodichloromethane	Bromodichloromethane	µg/m ³
1-Heptene	1-Heptene	µg/m ³
trans-3-Heptene	trans-3-Heptene	µg/m ³
Heptane	Heptane	µg/m ³
cis-3-Heptene	cis-3-Heptene	µg/m ³
trans-2-Heptene	trans-2-Heptene	µg/m ³

Code	Description	Unit
cis-2-Heptene	cis-2-Heptene	µg/m ³
2,2-Dimethylhexane	2,2-Dimethylhexane	µg/m ³
Methylcyclohexane	Methylcyclohexane	µg/m ³
2,5-Dimethylhexane	2,5-Dimethylhexane	µg/m ³
2,4-Dimethylhexane	2,4-Dimethylhexane	µg/m ³
Bromotrichloromethane	Bromotrichloromethane	µg/m ³
2,3,4-Trimethylpentane	2,3,4-Trimethylpentane	µg/m ³
2-Methylheptane	2-Methylheptane	µg/m ³
1-Methylcyclohexene	1-Methylcyclohexene	µg/m ³
4-Methylheptane	4-Methylheptane	µg/m ³
3-Methylheptane	3-Methylheptane	µg/m ³
Dibromochloromethane	Dibromochloromethane	µg/m ³
2,2,5-Trimethylhexane	2,2,5-Trimethylhexane	µg/m ³
1-Octene	1-Octene	µg/m ³
Octane	Octane	µg/m ³
trans-1,2-Dimethylcyclohexane	trans-1,2-Dimethylcyclohexane	µg/m ³
cis-1,2-Dimethylcyclohexane	cis-1,2-Dimethylcyclohexane	µg/m ³
1,2,4-Trimethylcyclohexane	1,2,4-Trimethylcyclohexane	µg/m ³
Bromoform	Bromoform	µg/m ³
1,4-Dichlorobutane	1,4-Dichlorobutane	µg/m ³
1-Nonene	1-Nonene	µg/m ³
Nonane	Nonane	µg/m ³
Iso-Propylbenzene	Iso-Propylbenzene	µg/m ³
3,6-Dimethyloctane	3,6-Dimethyloctane	µg/m ³
m-/p-Chlorotoluene	m-/p-Chlorotoluene	µg/m ³
n-Propylbenzene	n-Propylbenzene	µg/m ³
o-Chlorotoluene	o-Chlorotoluene	µg/m ³
3-Ethyltoluene	3-Ethyltoluene	µg/m ³
2-Ethyltoluene	2-Ethyltoluene	µg/m ³
Tert-Butylbenzene	Tert-Butylbenzene	µg/m ³
1-Decene	1-Decene	µg/m ³
Decane	Decane	µg/m ³
Iso-Butylbenzene	Iso-Butylbenzene	µg/m ³
Sec-Butylbenzene	Sec-Butylbenzene	µg/m ³
1,2,3-Trimethylbenzene	1,2,3-Trimethylbenzene	µg/m ³
p-Cymene	p-Cymene	µg/m ³
Indan	Indan	µg/m ³
1,3-Diethylbenzene	1,3-Diethylbenzene	µg/m ³
1,4-Diethylbenzene	1,4-Diethylbenzene	µg/m ³
n-Butylbenzene	n-Butylbenzene	µg/m ³

Code	Description	Unit
1,2-Diethylbenzene	1,2-Diethylbenzene	µg/m ³
Undecane	Undecane	µg/m ³
1,2,3,5-Tetramethylbenzene	1,2,3,5-Tetramethylbenzene	µg/m ³
1,2,4,5-Tetramethylbenzene	1,2,4,5-Tetramethylbenzene	µg/m ³
Naphthalene	Naphthalene	µg/m ³
Dodecane	Dodecane	µg/m ³
Hexylbenzene	Hexylbenzene	µg/m ³
SAMPMTHD	Sampling Method code	
SAMPLER	Sampler Code	
REMFLG	Flag	
SAMPLEBY	Sampling party	
ANALYSEBY	Analysis party	

Table 8d. Variable names and descriptions of EPD Air Quality Pollutant table in the database

CODE	FULL_NAME	UNIT
SITE	MONITORING SITE	
DATE	DATE	
HOUR	HOUR	
SO2	SULPHUR DIOXIDE	$\mu\text{g}/\text{m}^3$
NOX	NITROGEN OXIDES	$\mu\text{g}/\text{m}^3$
NO	NITRIC OXIDE	$\mu\text{g}/\text{m}^3$
NO2	NITROGEN DIOXIDE	$\mu\text{g}/\text{m}^3$
CO	CARBON MONOXIDE	$10 \mu\text{g}/\text{m}^3$
O3	OZONE	$\mu\text{g}/\text{m}^3$
WS	WIND SPEED	0.1 m/s
WD	WIND DIRECTION	Deg
TEMP	TEMPERATURE	$^{\circ}\text{C}$
SR	SOLAR RADIATION	mW/cm^2
TEOM	TEOM	$\mu\text{g}/\text{m}^3$
T_TSP	total suspended particulates	$\mu\text{g}/\text{m}^3$
R_RSP	respirable suspended particulates	$\mu\text{g}/\text{m}^3$
F_FSP	fine suspended particulates	$\mu\text{g}/\text{m}^3$
FSP	FINE SUSPENDED PARTICULATES	$\mu\text{g}/\text{m}^3$
TSP	TSP (TEOM)	$\mu\text{g}/\text{m}^3$

Table 9. DRI Analysis Data and Uncertainty

DATE	Aluminum concentration			Aluminum concentration uncertainty			Ammonium concentration			Ammonium concentration uncertainty			Antimony concentration			Antimony concentration uncertainty		
	Hok Tsui	Mong	Tsuen	Hok Tsui	Mong	Tsuen	Hok Tsui	Mong	Tsuen	Hok Tsui	Mong	Tsuen	Hok Tsui	Mong	Tsuen	Hok Tsui	Mong	Tsuen
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/200	0.10	0.10	0.12	0.01	0.01	0.01	1.21	2.44	2.29	0.07	0.13	0.12	0.01	0.01	0.00	0.03	0.03	0.03
12/11/20	0.03	0.01	0.02	0.01	0.01	0.01	0.47	0.88	1.01	0.04	0.06	0.06	0.01	0.00	0.00	0.03	0.03	0.03
18/11/20	0.05	0.05	0.05	0.01	0.01	0.01	1.45	2.32	1.93	0.08	0.12	0.10	0.01	0.01	0.01	0.03	0.03	0.03
24/11/20	0.08	0.07	v	0.01	0.01	v	1.03	1.78	v	0.06	0.10	v	0.01	0.01	v	0.03	0.03	v
30/11/20	0.09	0.11	0.09	0.01	0.01	0.01	2.27	3.00	2.39	0.12	0.16	0.13	0.00	0.00	0.01	0.03	0.03	0.03
6/12/200	0.13	0.14	0.11	0.01	0.01	0.01	3.19	4.49	4.90	0.17	0.24	0.26	0.01	0.00	0.00	0.03	0.03	0.03
12/12/20	0.04	0.05	0.03	0.01	0.01	0.01	0.97	1.19	0.99	0.06	0.07	0.06	0.02	0.00	0.01	0.03	0.03	0.03
18/12/20	0.06	0.08	0.10	0.01	0.01	0.01	1.80	4.01	4.15	0.10	0.21	0.22	0.00	0.01	0.01	0.03	0.03	0.03
24/12/20	0.17	0.12	0.12	0.01	0.01	0.01	1.52	2.05	1.70	0.08	0.11	0.09	0.01	0.01	0.00	0.02	0.02	0.02
30/12/20	0.20	0.16	0.17	0.01	0.01	0.01	5.53	6.46	6.37	0.29	0.34	0.33	0.02	0.02	0.01	0.02	0.02	0.02
5/1/2001	0.11	0.13	0.12	0.01	0.01	0.01	1.40	2.59	2.61	0.08	0.14	0.14	0.00	0.00	0.00	0.02	0.02	0.02
11/1/200	0.06	0.08	0.06	0.01	0.01	0.01	3.32	4.25	4.59	0.17	0.22	0.24	0.02	0.00	0.01	0.02	0.02	0.02
17/1/200	0.15	0.15	0.19	0.01	0.01	0.01	2.53	3.34	2.91	0.13	0.17	0.15	0.01	0.00	0.01	0.02	0.02	0.02
23/1/200	0.05	0.04	0.05	0.01	0.01	0.01	2.86	4.36	2.66	0.15	0.23	0.14	0.01	0.01	0.00	0.02	0.02	0.02
29/1/200	0.14	0.15	0.15	0.01	0.01	0.01	3.80	4.63	4.56	0.20	0.24	0.24	0.00	0.00	0.01	0.02	0.02	0.02
4/2/2001	0.03	0.04	0.04	0.01	0.01	0.01	4.96	5.78	5.53	0.25	0.29	0.28	0.00	0.00	0.00	0.02	0.02	0.02
10/2/200	0.05	v	0.09	0.01	v	0.01	2.00	v	3.58	0.11	v	0.19	0.00	v	0.01	0.02	v	0.02
16/2/200	0.30	0.27	0.25	0.02	0.02	0.02	3.77	4.14	3.86	0.19	0.21	0.20	0.00	0.00	0.00	0.02	0.02	0.02
22/2/200	0.17	0.18	0.21	0.01	0.01	0.01	4.44	5.51	4.59	0.23	0.28	0.24	0.00	0.01	0.01	0.02	0.02	0.02
28/2/200	0.17	0.28	0.35	0.01	0.02	0.02	7.43	11.74	11.87	0.38	0.59	0.60	0.01	0.04	0.05	0.02	0.02	0.02
6/3/2001	0.75	0.69	0.77	0.04	0.04	0.04	2.05	2.48	1.49	0.11	0.13	0.08	0.00	0.01	0.00	0.02	0.02	0.02
12/3/200	0.09	0.09	0.10	0.01	0.01	0.01	0.75	1.18	1.31	0.05	0.07	0.08	0.00	0.00	0.00	0.02	0.02	0.02
18/3/200	0.09	0.18	0.15	0.01	0.01	0.01	3.41	6.35	5.65	0.18	0.32	0.29	0.00	0.01	0.01	0.02	0.02	0.02
24/3/200	0.03	0.03	0.03	0.01	0.01	0.01	1.77	2.84	2.46	0.10	0.15	0.13	0.00	0.00	0.00	0.02	0.02	0.02
30/3/200	0.21	0.23	v	0.01	0.02	v	2.59	3.37	v	0.14	0.17	v	0.00	0.00	v	0.02	0.02	v
5/4/2001	0.05	0.04	0.04	0.01	0.01	0.01	0.50	0.98	0.65	0.05	0.06	0.05	0.00	0.01	0.00	0.02	0.02	0.02
11/4/200	0.02	0.05	0.03	0.01	0.01	0.01	0.46	1.00	0.77	0.05	0.06	0.06	0.00	0.00	0.00	0.02	0.02	0.02
17/4/200	0.52	0.40	0.42	0.03	0.02	0.02	3.66	4.70	3.84	0.19	0.24	0.20	0.00	0.00	0.00	0.02	0.02	0.02
23/4/200	0.19	0.19	0.18	0.01	0.01	0.01	2.22	3.31	2.57	0.12	0.17	0.14	0.00	0.00	0.00	0.02	0.02	0.02
29/4/200	0.02	0.06	0.05	0.01	0.01	0.01	1.98	2.69	2.63	0.11	0.14	0.14	0.00	0.00	0.00	0.02	0.02	0.02
5/5/2001	0.39	0.24	0.27	0.02	0.02	0.02	3.60	4.04	3.45	0.33	0.37	0.31	0.00	0.00	0.01	0.02	0.02	0.02
11/5/200	0.09	0.11	0.10	0.01	0.01	0.01	1.55	2.45	2.55	0.15	0.23	0.23	0.00	0.01	0.00	0.02	0.02	0.02
17/5/200	0.07	0.09	0.07	0.01	0.01	0.01	2.04	3.23	2.43	0.19	0.29	0.22	0.00	0.00	0.00	0.02	0.02	0.02
23/5/200	0.08	0.09	0.10	0.01	0.01	0.01	1.50	3.08	3.39	0.14	0.28	0.31	0.00	0.00	0.00	0.02	0.02	0.02
29/5/200	0.17	0.19	0.13	0.01	0.01	0.01	4.22	5.12	4.48	0.38	0.47	0.41	0.00	0.00	0.01	0.02	0.02	0.02
4/6/2001	0.01	0.03	0.01	0.01	0.01	0.01	0.42	1.34	0.91	0.06	0.13	0.09	0.00	0.00	0.01	0.02	0.02	0.02
10/6/200	0.00	0.02	0.01	0.01	0.01	0.01	0.11	1.13	0.58	0.04	0.11	0.07	0.00	0.01	0.00	0.02	0.02	0.02
16/6/200	0.03	0.03	0.05	0.01	0.01	0.01	0.09	0.74	0.64	0.04	0.08	0.07	0.00	0.00	0.00	0.02	0.02	0.02
22/6/200	0.01	0.02	0.01	0.01	0.01	0.01	0.26	0.89	0.85	0.05	0.09	0.09	0.01	0.01	0.00	0.02	0.02	0.02
28/6/200	0.02	0.04	0.03	0.01	0.01	0.01	0.11	0.62	0.47	0.04	0.07	0.06	0.00	0.01	0.00	0.02	0.02	0.02
4/7/2001	0.25	0.25	0.30	0.02	0.02	0.02	4.05	4.32	3.83	0.37	0.39	0.35	0.01	0.01	0.02	0.02	0.02	0.02
10/7/200	0.04	0.04	0.06	0.01	0.01	0.01	0.20	1.15	0.88	0.04	0.11	0.09	0.00	0.00	0.00	0.02	0.02	0.02
16/7/200	0.08	0.11	0.11	0.01	0.01	0.01	0.13	0.83	0.69	0.04	0.08	0.07	0.01	0.00	0.01	0.02	0.02	0.02
22/7/200	0.01	0.02	0.02	0.01	0.01	0.01	0.04	0.36	0.27	0.04	0.05	0.05	0.00	0.00	0.00	0.02	0.02	0.02
28/7/200	0.04	0.07	0.07	0.01	0.01	0.01	0.70	1.62	1.57	0.08	0.15	0.15	0.01	0.00	0.00	0.02	0.02	0.02
3/8/2001	0.03	0.03	0.02	0.01	0.01	0.01	0.76	1.20	0.78	0.06	0.08	0.06	0.01	0.00	0.00	0.02	0.02	0.02
9/8/2001	0.00	0.01	0.01	0.01	0.01	0.01	0.31	0.77	0.62	0.04	0.06	0.06	0.00	0.00	0.01	0.02	0.02	0.02
15/8/200	0.04	0.05	0.04	0.01	0.01	0.01	2.82	3.76	4.27	0.18	0.23	0.27	0.01	0.00	0.00	0.02	0.02	0.02
21/8/200	0.04	0.04	0.06	0.01	0.01	0.01	2.73	4.24	4.40	0.17	0.26	0.27	0.00	0.00	0.01	0.02	0.02	0.02
27/8/200	0.05	0.08	0.06	0.01	0.01	0.01	1.81	2.53	2.58	0.12	0.16	0.16	0.00	0.00	0.00	0.02	0.02	0.02
2/9/2001	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.23	0.18	0.04	0.04	0.04	0.00	0.00	0.00	0.02	0.02	0.02
8/9/2001	v	0.09	0.08	v	0.01	0.01	v	5.27	5.39	v	0.33	0.33	v	0.00	0.00	v	0.02	0.02
14/9/200	0.09	0.11	0.14	0.01	0.01	0.01	4.95	9.11	8.08	0.31	0.56	0.50	0.00	0.00	0.01	0.02	0.02	0.02
20/9/200	0.09	0.13	0.10	0.01	0.01	0.01	3.05	3.47	3.20	0.19	0.22	0.20	0.00	0.00	0.00	0.02	0.02	0.02
26/9/200	0.08	0.11	0.14	0.01	0.01	0.01	4.65	5.48	5.66	0.29	0.34	0.35	0.00	0.00	0.01	0.02	0.02	0.02
2/10/200	0.11	0.10	0.11	0.01	0.01	0.01	3.47	4.20	3.95	0.22	0.26	0.25	0.00	0.01	0.01	0.02	0.02	0.02
8/10/200	0.07	0.05	0.09	0.01	0.01	0.01	2.37	3.99	4.32	0.15	0.25	0.27	0.00	0.01	0.01	0.02	0.02	0.02
14/10/20	0.10	0.11	0.09	0.01	0.01	0.01	1.42	2.11	2.22	0.10	0.14	0.14	0.00	0.01	0.00	0.02	0.02	0.02
20/10/20	0.11	0.12	0.12	0.01	0.01	0.01	1.01	1.75	1.86	0.07	0.12	0.12	0.00	0.00	0.00	0.02	0.02	0.02
26/10/20	0.18	0.14	0.12	0.01	0.01	0.01	3.51	4.38	3.61	0.22	0.27	0.23	0.00	0.01	0.00	0.02	0.02	0.02

Remark: V = void sample

Table 9 (Cont'd)

DATE	Arsenic concentration			Arsenic concentration uncertainty			Barium concentration			Barium concentration uncertainty			Bromine concentration			Bromine concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.01	0.01	0.01	0.03	0.03	0.03	0.01	0.05	0.03	0.10	0.10	0.10	0.02	0.02	0.02	0.00	0.00	0.00
12/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.05	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.00	0.00	0.10	0.10	0.10	0.01	0.01	0.01	0.00	0.00	0.00
24/11/2000	0.00	0.00	v	0.01	0.01	v	0.02	0.04	v	0.10	0.10	v	0.02	0.02	v	0.00	0.00	v
30/11/2000	0.00	0.00	0.01	0.01	0.01	0.01	0.03	0.00	0.00	0.09	0.10	0.10	0.02	0.02	0.01	0.00	0.00	0.00
6/12/2000	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.06	0.00	0.10	0.10	0.10	0.02	0.02	0.02	0.00	0.00	0.00
12/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.07	0.00	0.09	0.10	0.09	0.01	0.01	0.01	0.00	0.00	0.00
18/12/2000	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.03	0.03	0.10	0.10	0.10	0.01	0.02	0.02	0.00	0.00	0.00
24/12/2000	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.04	0.02	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
30/12/2000	0.02	0.02	0.02	0.04	0.04	0.04	0.00	0.02	0.01	0.08	0.09	0.08	0.02	0.02	0.02	0.00	0.00	0.00
5/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.05	0.00	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
11/1/2001	0.01	0.01	0.01	0.02	0.02	0.03	0.00	0.00	0.00	0.08	0.08	0.08	0.01	0.01	0.02	0.00	0.00	0.00
17/1/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.04	0.08	0.08	0.08	0.02	0.02	0.02	0.00	0.00	0.00
23/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.08	0.08	0.08	0.02	0.02	0.01	0.00	0.00	0.00
29/1/2001	0.02	0.02	0.02	0.00	0.00	0.00	0.03	0.05	0.05	0.08	0.08	0.08	0.02	0.01	0.01	0.00	0.00	0.00
4/2/2001	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.07	0.03	0.08	0.06	0.08	0.03	0.03	0.04	0.00	0.00	0.00
10/2/2001	0.01	v	0.01	0.02	v	0.02	0.01	v	0.06	0.07	v	0.06	0.01	v	0.02	0.00	v	0.00
16/2/2001	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.04	0.02	0.08	0.08	0.08	0.03	0.02	0.02	0.00	0.00	0.00
22/2/2001	0.01	0.01	0.01	0.02	0.01	0.01	0.00	0.08	0.03	0.08	0.06	0.08	0.02	0.02	0.02	0.00	0.00	0.00
28/2/2001	0.02	0.04	0.05	0.04	0.07	0.08	0.02	0.03	0.05	0.08	0.08	0.08	0.07	0.12	0.15	0.00	0.01	0.01
6/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.06	0.02	0.08	0.08	0.08	0.03	0.02	0.01	0.00	0.00	0.00
12/3/2001	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.04	0.04	0.08	0.08	0.08	0.01	0.01	0.00	0.00	0.00	0.00
18/3/2001	0.01	0.01	0.02	0.01	0.03	0.03	0.01	0.03	0.06	0.08	0.08	0.08	0.02	0.03	0.03	0.00	0.00	0.00
24/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	0.00	0.00	v	0.01	0.01	v	0.01	0.03	v	0.08	0.08	v	0.01	0.01	v	0.00	0.00	v
5/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.08	0.08	0.08	0.01	0.00	0.00	0.00	0.00	0.00
11/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.07	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
17/4/2001	0.00	0.01	0.00	0.02	0.01	0.01	0.04	0.03	0.04	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
23/4/2001	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.05	0.04	0.08	0.08	0.08	0.02	0.02	0.01	0.00	0.00	0.00
29/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.08	0.08	0.08	0.00	0.01	0.01	0.00	0.00	0.00
5/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.00	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
11/5/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.08	0.08	0.08	0.01	0.00	0.00	0.00	0.00	0.00
17/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.08	0.08	0.08	0.01	0.01	0.00	0.00	0.00	0.00
23/5/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.03	0.08	0.08	0.08	0.00	0.01	0.01	0.00	0.00	0.00
29/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
4/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	0.01	0.01	0.01	0.02	0.02	0.03	0.02	0.00	0.04	0.08	0.08	0.08	0.02	0.02	0.02	0.00	0.00	0.00
10/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.08	0.08	0.08	0.01	0.00	0.01	0.00	0.00	0.00
16/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.08	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.08	0.08	0.08	0.00	0.01	0.01	0.00	0.00	0.00
3/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.08	0.07	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
21/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
27/8/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.00	0.07	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	0.00	0.00	v	0.01	0.01	v	0.01	0.03	v	0.08	0.08	v	0.01	0.01	v	0.00	0.00
14/9/2001	0.00	0.01	0.01	0.01	0.02	0.02	0.00	0.04	0.02	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
20/9/2001	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.01	0.00	0.07	0.07	0.08	0.01	0.01	0.01	0.00	0.00	0.00
26/9/2001	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.01	0.03	0.07	0.08	0.07	0.02	0.02	0.01	0.00	0.00	0.00
2/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.06	0.00	0.08	0.06	0.08	0.02	0.02	0.01	0.00	0.00	0.00
8/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.03	0.01	0.08	0.08	0.08	0.01	0.01	0.01	0.00	0.00	0.00
14/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.06	0.02	0.08	0.06	0.07	0.02	0.02	0.02	0.00	0.00	0.00
20/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.07	0.08	0.08	0.02	0.02	0.02	0.00	0.00	0.00
26/10/2001	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.03	0.00	0.07	0.08	0.07	0.01	0.01	0.01	0.00	0.00	0.00

Remark: V = void sample

Table 9 (Cont'd)

DATE	Cadmium concentration			Cadmium concentration			Calcium concentration			Calcium concentration			Chloride concentration			Chloride concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.01	0.00	0.01	0.02	0.02	0.02	0.14	0.19	0.15	0.01	0.01	0.01	0.18	0.07	0.00	0.05	0.04	0.03
12/11/2000	0.01	0.00	0.00	0.02	0.01	0.02	0.03	0.07	0.03	0.01	0.01	0.01	0.04	0.03	0.00	0.04	0.04	0.03
18/11/2000	0.00	0.00	0.00	0.02	0.02	0.02	0.08	0.11	0.05	0.01	0.01	0.01	0.10	0.10	0.00	0.04	0.04	0.03
24/11/2000	0.00	0.00	v	0.02	0.02	v	0.06	0.14	v	0.01	0.01	v	0.03	0.27	v	0.04	0.06	v
30/11/2000	0.00	0.00	0.00	0.02	0.02	0.02	0.11	0.20	0.12	0.01	0.01	0.01	0.01	0.19	0.00	0.04	0.05	0.03
6/12/2000	0.01	0.00	0.01	0.02	0.02	0.02	0.11	0.18	0.12	0.01	0.01	0.01	0.00	0.24	0.00	0.04	0.06	0.04
12/12/2000	0.00	0.00	0.00	0.01	0.02	0.01	0.03	0.10	0.02	0.01	0.01	0.01	0.17	0.16	0.00	0.05	0.05	0.04
18/12/2000	0.00	0.00	0.00	0.02	0.01	0.02	0.05	0.13	0.09	0.01	0.01	0.01	0.00	0.22	0.00	0.04	0.06	0.04
24/12/2000	0.01	0.00	0.01	0.01	0.01	0.01	0.20	0.23	0.16	0.01	0.01	0.01	0.00	0.11	0.00	0.04	0.04	0.03
30/12/2000	0.01	0.00	0.01	0.01	0.01	0.01	0.20	0.23	0.17	0.02	0.02	0.01	0.11	0.13	0.00	0.04	0.05	0.03
5/1/2001	0.00	0.01	0.01	0.01	0.01	0.01	0.08	0.16	0.10	0.01	0.01	0.01	0.00	0.17	0.00	0.04	0.05	0.04
11/1/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.04	0.12	0.10	0.01	0.01	0.01	0.02	0.31	0.05	0.04	0.07	0.04
17/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.13	0.23	0.18	0.01	0.01	0.01	0.01	0.25	0.00	0.04	0.06	0.04
23/1/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.05	0.09	0.06	0.01	0.01	0.01	0.02	1.76	0.06	0.04	0.28	0.04
29/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.18	0.17	0.14	0.01	0.01	0.01	0.06	0.10	0.00	0.04	0.04	0.03
4/2/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.06	0.10	0.06	0.01	0.01	0.01	1.24	1.25	1.14	0.13	0.13	0.12
10/2/2001	0.00	v	0.01	0.01	v	0.01	0.07	v	0.08	0.01	v	0.01	0.24	v	0.25	0.05	v	0.05
16/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.29	0.34	0.25	0.02	0.02	0.02	0.54	0.43	0.22	0.07	0.06	0.05
22/2/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.19	0.25	0.22	0.01	0.01	0.01	0.23	0.30	0.09	0.05	0.05	0.04
28/2/2001	0.01	0.00	0.01	0.01	0.01	0.01	0.12	0.29	0.33	0.01	0.02	0.02	0.50	2.00	2.44	0.07	0.21	0.25
6/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.80	0.79	0.86	0.04	0.04	0.04	0.50	0.31	0.40	0.07	0.05	0.06
12/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.10	0.15	0.10	0.01	0.01	0.01	0.40	0.17	0.04	0.06	0.04	0.04
18/3/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.08	0.22	0.16	0.01	0.01	0.01	0.18	0.26	0.10	0.04	0.05	0.04
24/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.09	0.11	0.01	0.01	0.01	0.00	0.06	0.06	0.04	0.04	0.04
30/3/2001	0.00	0.00	v	0.01	0.01	v	0.17	0.27	v	0.01	0.02	v	0.10	0.19	v	0.04	0.04	v
5/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.08	0.04	0.01	0.01	0.01	0.19	0.19	0.05	0.05	0.04	0.04
11/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.09	0.05	0.01	0.01	0.01	0.17	0.17	0.02	0.04	0.04	0.04
17/4/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.35	0.35	0.35	0.02	0.02	0.02	0.06	0.20	0.15	0.04	0.04	0.04
23/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.12	0.18	0.13	0.01	0.01	0.01	0.50	0.56	0.15	0.07	0.07	0.04
29/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.08	0.08	0.01	0.01	0.01	0.02	0.07	0.07	0.04	0.04	0.04
5/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.27	0.24	0.19	0.02	0.01	0.01	0.07	0.18	0.11	0.04	0.04	0.04
11/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.10	0.15	0.09	0.01	0.01	0.01	0.09	0.08	0.05	0.04	0.04	0.04
17/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.16	0.08	0.01	0.01	0.01	0.05	0.21	0.08	0.04	0.04	0.04
23/5/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.07	0.17	0.10	0.01	0.01	0.01	0.02	0.08	0.04	0.04	0.04	0.04
29/5/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.13	0.21	0.15	0.01	0.01	0.01	0.04	0.16	0.08	0.04	0.04	0.04
4/6/2001	0.01	0.00	0.00	0.01	0.01	0.01	0.03	0.09	0.06	0.01	0.01	0.01	0.12	0.28	0.20	0.04	0.05	0.04
10/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.06	0.05	0.01	0.01	0.01	0.25	0.39	0.26	0.04	0.05	0.05
16/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.12	0.12	0.01	0.01	0.01	0.33	0.40	0.18	0.05	0.05	0.04
22/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.11	0.04	0.01	0.01	0.01	0.17	0.21	0.12	0.04	0.04	0.04
28/6/2001	0.01	0.00	0.00	0.01	0.01	0.01	0.03	0.13	0.07	0.01	0.01	0.01	0.17	0.40	0.19	0.04	0.05	0.04
4/7/2001	0.01	0.00	0.01	0.01	0.01	0.01	0.16	0.25	0.20	0.01	0.02	0.01	0.11	0.13	0.08	0.04	0.04	0.04
10/7/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.07	0.13	0.15	0.01	0.01	0.01	0.19	0.25	0.22	0.04	0.04	0.04
16/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.17	0.12	0.01	0.01	0.01	0.26	0.28	0.18	0.05	0.05	0.04
22/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.10	0.06	0.01	0.01	0.01	0.44	0.42	0.33	0.05	0.05	0.05
28/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.15	0.17	0.01	0.01	0.01	0.08	0.21	0.14	0.04	0.04	0.04
3/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.11	0.04	0.01	0.01	0.01	0.00	0.05	0.02	0.04	0.04	0.04
9/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.10	0.03	0.01	0.01	0.01	0.06	0.08	0.03	0.05	0.05	0.04
15/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.11	0.08	0.01	0.01	0.01	0.00	0.02	0.00	0.04	0.04	0.04
21/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.11	0.08	0.01	0.01	0.01	0.00	0.04	0.00	0.04	0.04	0.04
27/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.22	0.05	0.01	0.01	0.01	0.09	0.05	0.03	0.05	0.04	0.04
2/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.09	0.03	0.01	0.01	0.01	0.06	0.10	0.04	0.05	0.05	0.04
8/9/2001	v	0.00	0.00	v	0.01	0.01	v	0.14	0.09	v	0.01	0.01	v	0.05	0.01	v	0.04	0.04
14/9/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.08	0.19	0.13	0.01	0.01	0.01	0.00	0.08	0.01	0.04	0.05	0.04
20/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.18	0.10	0.01	0.01	0.01	0.00	0.03	0.00	0.04	0.04	0.04
26/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.11	0.16	0.13	0.01	0.01	0.01	0.01	0.00	0.03	0.04	0.04	0.04
2/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.08	0.14	0.10	0.01	0.01	0.01	0.00	0.08	0.03	0.04	0.05	0.04
8/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.12	0.09	0.01	0.01	0.01	0.00	0.04	0.01	0.04	0.04	0.04
14/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.08	0.13	0.10	0.01	0.01	0.01	0.04	0.10	0.08	0.04	0.05	0.05
20/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.11	0.18	0.12	0.01	0.01	0.01	0.10	0.24	0.07	0.05	0.06	0.05
26/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.17	0.22	0.14	0.01	0.01	0.01	0.01	0.15	0.03	0.04	0.05	0.04

Remark: V = void sample

Table 9 (Cont'd)

DATE	Chlorine concentration			Chlorine concentration			Chromium concentration			Chromium concentration			Cobalt concentration			Cobalt concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.80	0.00	0.00	0.05	0.06	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
12/11/2000	0.14	0.00	0.00	0.01	0.03	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	0.40	0.03	0.00	0.03	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24/11/2000	0.10	0.14	v	0.02	0.02	v	0.00	0.00	v	0.00	0.01	v	0.00	0.00	v	0.00	0.00	v
30/11/2000	0.05	0.07	0.00	0.06	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/2000	0.00	0.11	0.03	0.09	0.03	0.09	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12/12/2000	0.52	0.08	0.02	0.03	0.01	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18/12/2000	0.00	0.05	0.01	0.05	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24/12/2000	0.47	0.06	0.00	0.03	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
30/12/2000	0.01	0.05	0.00	0.12	0.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
5/1/2001	0.00	0.06	0.00	0.04	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/2001	0.24	0.16	0.40	0.02	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17/1/2001	0.03	0.13	0.01	0.07	0.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
23/1/2001	0.00	1.23	0.22	0.07	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29/1/2001	0.49	0.00	0.00	0.04	0.09	0.09	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
4/2/2001	1.12	0.90	1.02	0.06	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/2/2001	0.18	v	0.17	0.02	v	0.02	0.00	v	0.00	0.00	v	0.00	v	0.00	v	0.00	v	0.00
16/2/2001	0.34	0.17	0.09	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
22/2/2001	0.00	0.04	0.00	0.10	0.11	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
28/2/2001	0.35	1.46	2.30	0.05	0.09	0.13	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
6/3/2001	0.57	0.13	0.11	0.04	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
12/3/2001	0.16	0.03	0.01	0.01	0.01	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18/3/2001	0.00	0.01	0.00	0.08	0.12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
24/3/2001	0.00	0.00	0.00	0.05	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	0.00	0.03	v	0.07	0.07	v	0.00	0.00	v	0.00	0.00	v	0.00	0.00	v	0.00	0.01	v
5/4/2001	0.02	0.01	0.00	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/4/2001	0.09	0.00	0.00	0.01	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17/4/2001	0.00	0.00	0.00	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
23/4/2001	0.32	0.25	0.00	0.03	0.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29/4/2001	0.00	0.00	0.00	0.05	0.06	0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/2001	0.00	0.00	0.00	0.10	0.09	0.08	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
11/5/2001	0.01	0.00	0.00	0.05	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17/5/2001	0.01	0.00	0.00	0.06	0.07	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23/5/2001	0.00	0.00	0.00	0.05	0.07	0.08	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29/5/2001	0.00	0.00	0.00	0.11	0.12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
4/6/2001	0.07	0.19	0.07	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	0.29	0.19	0.17	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	0.25	0.19	0.11	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	0.06	0.05	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	0.21	0.26	0.09	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	0.00	0.00	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
10/7/2001	0.11	0.12	0.08	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16/7/2001	0.15	0.13	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	0.49	0.27	0.15	0.03	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	0.00	0.02	0.00	0.03	0.04	0.05	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	0.00	0.00	0.00	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	0.03	0.06	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	0.00	0.00	0.00	0.07	0.08	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21/8/2001	0.00	0.00	0.00	0.07	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27/8/2001	0.00	0.02	0.00	0.05	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	0.06	0.03	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	0.00	0.00	v	0.12	0.11	v	0.00	0.00	v	0.00	0.00	v	0.00	0.00	v	0.00	0.00
14/9/2001	0.00	0.00	0.00	0.13	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20/9/2001	0.00	0.00	0.00	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26/9/2001	0.00	0.00	0.00	0.11	0.12	0.13	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/10/2001	0.00	0.00	0.00	0.09	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/2001	0.00	0.00	0.00	0.08	0.09	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14/10/2001	0.00	0.03	0.00	0.05	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20/10/2001	0.33	0.13	0.01	0.02	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26/10/2001	0.00	0.00	0.00	0.10	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00

Remark: V = void sample

Table 9 (Cont'd)

DATE	Copper concentration			Copper concentration uncertainty			Elemental Carbon concentration			Elemental Carbon concentration			Gallium concentration			Gallium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.01	0.01	0.01	0.00	0.00	0.00	2.26	22.93	6.20	0.15	1.50	0.41	0.00	0.00	0.00	0.00	0.00	0.00
12/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	1.32	16.64	2.56	0.10	1.09	0.17	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	0.00	0.01	0.01	0.00	0.00	0.00	1.49	22.89	3.94	0.11	1.50	0.26	0.00	0.00	0.00	0.00	0.00	0.00
24/11/2000	0.00	0.01	v	0.00	0.00	v	1.31	23.09	v	0.10	1.51	v	0.00	0.00	v	0.00	0.00	v
30/11/2000	0.01	0.01	0.01	0.00	0.00	0.00	1.59	23.71	5.10	0.11	1.55	0.34	0.00	0.00	0.00	0.00	0.00	0.00
6/12/2000	0.01	0.02	0.01	0.00	0.00	0.00	1.50	20.68	7.67	0.11	1.35	0.50	0.00	0.00	0.00	0.00	0.00	0.00
12/12/2000	0.00	0.01	0.00	0.00	0.00	0.00	1.44	21.55	3.46	0.10	1.41	0.23	0.00	0.00	0.00	0.00	0.00	0.00
18/12/2000	0.01	0.02	0.01	0.00	0.00	0.00	1.77	19.50	4.69	0.12	1.28	0.31	0.00	0.00	0.00	0.00	0.00	0.00
24/12/2000	0.01	0.02	0.01	0.00	0.00	0.00	1.63	20.96	4.51	0.12	1.37	0.30	0.00	0.00	0.00	0.00	0.00	0.00
30/12/2000	0.01	0.02	0.02	0.00	0.00	0.00	2.55	15.87	5.66	0.17	1.04	0.37	0.00	0.00	0.00	0.00	0.00	0.00
5/1/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.30	21.28	4.12	0.10	1.39	0.27	0.00	0.00	0.00	0.00	0.00	0.00
11/1/2001	0.01	0.01	0.01	0.00	0.00	0.00	2.55	18.44	6.14	0.17	1.21	0.40	0.00	0.00	0.00	0.00	0.00	0.00
17/1/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.42	18.76	3.58	0.10	1.23	0.24	0.00	0.00	0.00	0.00	0.00	0.00
23/1/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.50	16.85	4.56	0.11	1.10	0.30	0.00	0.00	0.00	0.00	0.00	0.00
29/1/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.40	13.03	3.24	0.10	0.85	0.22	0.00	0.00	0.00	0.00	0.00	0.00
4/2/2001	0.01	0.02	0.01	0.00	0.00	0.00	4.56	15.18	6.34	0.47	1.54	0.64	0.00	0.00	0.00	0.00	0.00	0.00
10/2/2001	0.01	v	0.02	0.00	v	0.00	1.58	v	3.37	0.17	v	0.34	0.00	v	0.00	0.00	v	0.00
16/2/2001	0.01	0.02	0.01	0.00	0.00	0.00	1.58	18.25	4.34	0.17	1.85	0.44	0.00	0.00	0.00	0.00	0.00	0.00
22/2/2001	0.01	0.02	0.01	0.00	0.00	0.00	2.83	20.35	9.54	0.29	2.07	0.97	0.00	0.00	0.00	0.00	0.00	0.00
28/2/2001	0.05	0.07	0.07	0.00	0.00	0.00	3.77	11.11	6.23	0.38	1.13	0.63	0.00	0.00	0.00	0.00	0.01	0.01
6/3/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.81	24.11	4.48	0.19	2.45	0.46	0.00	0.00	0.00	0.00	0.00	0.00
12/3/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.46	21.18	4.24	0.16	2.15	0.43	0.00	0.00	0.00	0.00	0.00	0.00
18/3/2001	0.01	0.03	0.03	0.00	0.00	0.00	2.43	12.30	4.26	0.25	1.25	0.43	0.00	0.00	0.00	0.00	0.00	0.00
24/3/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.30	17.05	5.59	0.14	1.73	0.57	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	0.01	0.01	v	0.00	0.00	v	1.92	21.58	v	0.20	2.19	v	0.00	0.00	v	0.00	0.00	v
5/4/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.00	20.48	4.50	0.11	2.08	0.46	0.00	0.00	0.00	0.00	0.00	0.00
11/4/2001	0.00	0.01	0.01	0.00	0.00	0.00	2.01	16.38	3.64	0.21	1.66	0.37	0.00	0.00	0.00	0.00	0.00	0.00
17/4/2001	0.01	0.01	0.01	0.00	0.00	0.00	3.03	21.10	7.80	0.31	2.14	0.79	0.00	0.00	0.00	0.00	0.00	0.00
23/4/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.51	21.56	4.30	0.16	2.19	0.44	0.00	0.00	0.00	0.00	0.00	0.00
29/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.95	20.09	5.99	0.20	2.04	0.61	0.00	0.00	0.00	0.00	0.00	0.00
5/5/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.94	19.50	5.24	0.20	1.98	0.53	0.00	0.00	0.00	0.00	0.00	0.00
11/5/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.43	21.60	6.02	0.15	2.19	0.62	0.00	0.00	0.00	0.00	0.00	0.00
17/5/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.39	23.61	6.29	0.15	2.40	0.64	0.00	0.00	0.00	0.00	0.00	0.00
23/5/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.64	27.40	6.27	0.17	2.78	0.64	0.00	0.00	0.00	0.00	0.00	0.00
29/5/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.87	24.49	5.08	0.19	2.49	0.52	0.00	0.00	0.00	0.00	0.00	0.00
4/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.52	14.78	5.65	0.07	1.50	0.58	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.59	14.58	5.76	0.08	1.48	0.59	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	0.00	0.01	0.00	0.00	0.00	0.00	0.47	20.77	6.24	0.07	2.11	0.63	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	0.00	0.01	0.00	0.00	0.00	0.00	0.70	28.96	6.08	0.09	2.94	0.62	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	0.00	0.01	0.00	0.00	0.00	0.00	0.40	26.44	5.83	0.06	2.69	0.59	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	0.03	0.04	0.04	0.00	0.00	0.00	3.00	12.35	4.89	0.31	1.25	0.50	0.00	0.00	0.00	0.00	0.00	0.00
10/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.60	14.87	4.51	0.08	1.51	0.46	0.00	0.00	0.00	0.00	0.00	0.00
16/7/2001	0.00	0.01	0.00	0.00	0.00	0.00	0.85	24.07	7.80	0.10	2.44	0.79	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.40	22.56	5.34	0.06	2.29	0.54	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	0.00	0.01	0.00	0.00	0.00	0.00	0.64	20.55	7.23	0.08	2.09	0.73	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.17	24.42	6.05	0.11	1.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.53	26.45	4.55	0.09	1.73	0.31	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.70	21.56	4.92	0.14	1.41	0.33	0.00	0.00	0.00	0.00	0.00	0.00
21/8/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.51	26.76	6.87	0.13	1.75	0.46	0.00	0.00	0.00	0.00	0.00	0.00
27/8/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.94	23.74	7.43	0.15	1.56	0.49	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.41	26.62	4.83	0.09	1.74	0.33	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	0.01	0.01	v	0.00	0.00	v	22.42	7.17	v	1.47	0.48	v	0.00	0.00	v	0.00	0.00
14/9/2001	0.01	0.02	0.01	0.00	0.00	0.00	4.15	20.55	5.65	0.28	1.35	0.38	0.00	0.00	0.00	0.00	0.00	0.00
20/9/2001	0.01	0.01	0.01	0.00	0.00	0.00	2.77	11.98	7.59	0.20	0.79	0.50	0.00	0.00	0.00	0.00	0.00	0.00
26/9/2001	0.01	0.01	0.01	0.00	0.00	0.00	3.16	18.33	7.05	0.22	1.20	0.47	0.00	0.00	0.00	0.00	0.00	0.00
2/10/2001	0.00	0.01	0.01	0.00	0.00	0.00	2.16	15.27	3.95	0.16	1.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
8/10/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.19	23.03	4.84	0.11	1.51	0.33	0.00	0.00	0.00	0.00	0.00	0.00
14/10/2001	0.00	0.01	0.01	0.00	0.00	0.00	1.53	19.51	2.61	0.13	1.28	0.19	0.00	0.00	0.00	0.00	0.00	0.00
20/10/2001	0.00	0.01	0.01	0.00	0.00	0.00	0.90	19.36	4.44	0.10	1.27	0.30	0.00	0.00	0.00	0.00	0.00	0.00
26/10/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.94	23.60	5.24	0.15	1.55	0.35	0.00	0.00	0.00	0.00	0.00	0.00

Remark: V = void sample

Table 9 (Cont'd)

DATE	Gold concentration			Gold concentration uncertainty			Indium concentration			Indium concentration uncertainty			Iron concentration			Iron concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.17	0.34	0.34	0.01	0.02	0.02
12/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.02	0.04	0.15	0.06	0.00	0.01	0.00
18/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.07	0.23	0.10	0.00	0.01	0.01
24/11/2000	0.00	0.00	v	0.01	0.01	v	0.00	0.00	v	0.02	0.02	v	0.05	0.23	v	0.00	0.01	v
30/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.02	0.09	0.23	0.16	0.00	0.01	0.01
6/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.14	0.27	0.22	0.01	0.01	0.01
12/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.04	0.19	0.06	0.00	0.01	0.00
18/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.07	0.24	0.16	0.00	0.01	0.01
24/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.02	0.02	0.19	0.44	0.25	0.01	0.02	0.01
30/12/2000	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.27	0.40	0.32	0.01	0.02	0.02
5/1/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.10	0.27	0.15	0.01	0.01	0.01
11/1/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.01	0.09	0.27	0.25	0.01	0.01	0.01
17/1/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.16	0.36	0.25	0.01	0.02	0.01
23/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.05	0.13	0.07	0.00	0.01	0.00
29/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.19	0.33	0.21	0.01	0.02	0.01
4/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.15	0.29	0.18	0.01	0.01	0.01
10/2/2001	0.00	v	0.00	0.01	v	0.01	0.00	v	0.00	0.01	v	0.01	0.09	v	0.18	0.00	v	0.01
16/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.29	0.46	0.30	0.01	0.02	0.02
22/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.18	0.36	0.31	0.01	0.02	0.02
28/2/2001	0.00	0.00	0.00	0.02	0.03	0.03	0.00	0.01	0.00	0.01	0.02	0.02	0.37	0.74	0.77	0.02	0.04	0.04
6/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.71	0.77	0.76	0.04	0.04	0.04
12/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.01	0.10	0.24	0.15	0.01	0.01	0.01
18/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.12	0.42	0.27	0.01	0.02	0.01
24/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.14	0.11	0.00	0.01	0.01
30/3/2001	0.00	0.00	v	0.01	0.01	v	0.00	0.00	v	0.02	0.01	v	0.20	0.33	v	0.01	0.02	v
5/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.14	0.06	0.00	0.01	0.00
11/4/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.05	0.18	0.07	0.00	0.01	0.00
17/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.54	0.53	0.53	0.03	0.03	0.03
23/4/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.18	0.29	0.21	0.01	0.01	0.01
29/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.12	0.10	0.00	0.01	0.01
5/5/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.42	0.39	0.31	0.02	0.02	0.02
11/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.11	0.27	0.17	0.01	0.01	0.01
17/5/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.22	0.11	0.00	0.01	0.01
23/5/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.02	0.08	0.24	0.14	0.00	0.01	0.01
29/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.18	0.32	0.22	0.01	0.02	0.01
4/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.13	0.08	0.00	0.01	0.00
10/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.10	0.04	0.00	0.01	0.00
16/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.18	0.14	0.00	0.01	0.01
22/6/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.17	0.06	0.00	0.01	0.00
28/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.18	0.08	0.00	0.01	0.00
4/7/2001	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.01	0.01	0.01	0.25	0.42	0.30	0.01	0.02	0.02
10/7/2001	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.01	0.01	0.01	0.05	0.14	0.19	0.00	0.01	0.01
16/7/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.07	0.24	0.16	0.00	0.01	0.01
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.13	0.07	0.00	0.01	0.00
28/7/2001	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.05	0.20	0.17	0.00	0.01	0.01
3/8/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.18	0.07	0.00	0.01	0.00
9/8/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.16	0.05	0.00	0.01	0.00
15/8/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.04	0.19	0.13	0.00	0.01	0.01
21/8/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.03	0.18	0.12	0.00	0.01	0.01
27/8/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.05	0.25	0.09	0.00	0.01	0.01
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.13	0.04	0.00	0.01	0.00
8/9/2001	v	0.00	0.00	v	0.01	0.01	v	0.00	0.00	v	0.01	0.01	v	0.25	0.14	v	0.01	0.01
14/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.13	0.37	0.23	0.01	0.02	0.01
20/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.14	0.30	0.17	0.01	0.02	0.01
26/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.16	0.26	0.21	0.01	0.01	0.01
2/10/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.10	0.23	0.13	0.01	0.01	0.01
8/10/2001	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.17	0.15	0.00	0.01	0.01
14/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.08	0.20	0.12	0.00	0.01	0.01
20/10/2001	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.10	0.25	0.16	0.01	0.01	0.01
26/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.18	0.35	0.19	0.01	0.02	0.01

Remark: V = void sample

Table 9 (Cont'd)

DATE	Lanthanum concentration			Lanthanum concentration uncertainty			Lead concentration			Lead concentration uncertainty			Magnesium concentration			Magnesium concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen	Hok Tsui	Mong Kok	Tsuen Wan	Hok	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.03	0.00	0.00	0.14	0.14	0.14	0.17	0.18	0.22	0.01	0.01	0.01	0.13	0.05	0.00	0.02	0.01	0.04
12/11/2000	0.00	0.04	0.00	0.13	0.13	0.14	0.03	0.04	0.05	0.00	0.00	0.00	0.04	0.01	0.00	0.01	0.01	0.02
18/11/2000	0.01	0.00	0.00	0.14	0.14	0.13	0.06	0.07	0.06	0.00	0.01	0.00	0.10	0.03	0.00	0.01	0.01	0.03
24/11/2000	0.00	0.04	v	0.14	0.13	v	0.04	0.04	v	0.00	0.00	v	0.07	0.03	v	0.01	0.01	v
30/11/2000	0.00	0.00	0.00	0.13	0.13	0.13	0.04	0.05	0.05	0.00	0.00	0.00	0.08	0.05	0.03	0.01	0.01	0.01
6/12/2000	0.04	0.00	0.01	0.13	0.14	0.14	0.09	0.10	0.12	0.01	0.01	0.01	0.08	0.03	0.01	0.02	0.01	0.04
12/12/2000	0.03	0.01	0.01	0.13	0.13	0.13	0.04	0.03	0.04	0.00	0.00	0.00	0.05	0.03	0.00	0.01	0.01	0.02
18/12/2000	0.00	0.00	0.00	0.14	0.13	0.13	0.06	0.09	0.12	0.00	0.01	0.01	0.04	0.03	0.04	0.01	0.01	0.01
24/12/2000	0.00	0.00	0.01	0.11	0.11	0.11	0.14	0.16	0.15	0.01	0.01	0.01	0.08	0.03	0.02	0.02	0.01	0.03
30/12/2000	0.01	0.00	0.00	0.11	0.12	0.11	0.25	0.26	0.27	0.01	0.01	0.01	0.07	0.03	0.04	0.02	0.05	0.02
5/1/2001	0.01	0.00	0.02	0.11	0.11	0.11	0.03	0.04	0.05	0.00	0.00	0.00	0.07	0.03	0.03	0.01	0.01	0.01
11/1/2001	0.00	0.00	0.02	0.12	0.11	0.11	0.13	0.14	0.19	0.01	0.01	0.01	0.01	0.01	0.00	0.03	0.03	0.04
17/1/2001	0.00	0.00	0.00	0.11	0.11	0.12	0.06	0.07	0.06	0.00	0.00	0.00	0.06	0.07	0.06	0.01	0.01	0.01
23/1/2001	0.00	0.00	0.00	0.11	0.11	0.11	0.04	0.04	0.03	0.00	0.00	0.00	0.04	0.05	0.04	0.01	0.01	0.01
29/1/2001	0.04	0.00	0.00	0.11	0.11	0.11	0.07	0.07	0.08	0.01	0.00	0.01	0.11	0.04	0.02	0.02	0.01	0.04
4/2/2001	0.01	0.00	0.00	0.11	0.11	0.11	0.08	0.09	0.12	0.01	0.01	0.01	0.02	0.00	0.01	0.03	0.03	0.04
10/2/2001	0.00	v	0.00	0.10	v	0.11	0.12	v	0.15	0.01	v	0.01	0.05	v	0.04	0.01	v	0.01
16/2/2001	0.00	0.04	0.02	0.11	0.10	0.11	0.11	0.12	0.12	0.01	0.01	0.01	0.15	0.08	0.10	0.02	0.02	0.02
22/2/2001	0.00	0.03	0.00	0.11	0.11	0.11	0.10	0.09	0.08	0.01	0.01	0.01	0.08	0.05	0.05	0.02	0.02	0.01
28/2/2001	0.00	0.01	0.00	0.11	0.11	0.11	0.29	0.47	0.54	0.02	0.02	0.03	0.00	0.00	0.00	0.05	0.07	0.07
6/3/2001	0.00	0.00	0.01	0.10	0.11	0.11	0.08	0.08	0.08	0.01	0.01	0.01	0.24	0.18	0.22	0.02	0.02	0.02
12/3/2001	0.00	0.04	0.03	0.11	0.10	0.11	0.07	0.07	0.08	0.00	0.00	0.01	0.04	0.04	0.01	0.01	0.01	0.03
18/3/2001	0.00	0.00	0.00	0.11	0.10	0.11	0.07	0.18	0.21	0.00	0.01	0.01	0.04	0.06	0.06	0.01	0.02	0.02
24/3/2001	0.00	0.02	0.04	0.11	0.10	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.03	0.02	0.04	0.01	0.03	0.01
30/3/2001	0.00	0.00	v	0.11	0.10	v	0.07	0.07	v	0.00	0.00	v	0.07	0.06	v	0.01	0.01	v
5/4/2001	0.00	0.01	0.00	0.10	0.11	0.10	0.02	0.02	0.02	0.00	0.00	0.00	0.04	0.03	0.02	0.01	0.01	0.01
11/4/2001	0.02	0.00	0.00	0.10	0.10	0.10	0.03	0.05	0.05	0.00	0.00	0.00	0.02	0.03	0.01	0.02	0.01	0.02
17/4/2001	0.00	0.00	0.00	0.11	0.11	0.11	0.10	0.07	0.06	0.01	0.00	0.00	0.14	0.06	0.09	0.02	0.02	0.02
23/4/2001	0.01	0.00	0.00	0.11	0.10	0.11	0.03	0.04	0.03	0.00	0.00	0.00	0.08	0.07	0.07	0.01	0.01	0.01
29/4/2001	0.03	0.00	0.01	0.11	0.11	0.11	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.04	0.04	0.03	0.01	0.01
5/5/2001	0.03	0.03	0.01	0.10	0.11	0.10	0.03	0.03	0.03	0.00	0.00	0.00	0.12	0.08	0.10	0.02	0.02	0.02
11/5/2001	0.01	0.01	0.02	0.10	0.10	0.10	0.05	0.06	0.06	0.00	0.00	0.00	0.05	0.04	0.06	0.01	0.01	0.01
17/5/2001	0.02	0.04	0.00	0.11	0.10	0.11	0.03	0.04	0.03	0.00	0.00	0.00	0.06	0.06	0.01	0.01	0.01	0.03
23/5/2001	0.05	0.00	0.02	0.11	0.11	0.11	0.02	0.03	0.03	0.00	0.00	0.00	0.04	0.04	0.04	0.01	0.01	0.01
29/5/2001	0.02	0.00	0.00	0.11	0.11	0.10	0.06	0.06	0.05	0.00	0.00	0.00	0.06	0.06	0.06	0.02	0.02	0.02
4/6/2001	0.05	0.00	0.01	0.11	0.10	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.01	0.01	0.01
10/6/2001	0.03	0.01	0.00	0.11	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.03	0.01	0.01	0.01
16/6/2001	0.03	0.03	0.00	0.10	0.11	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.03	0.04	0.05	0.01	0.01	0.01
22/6/2001	0.00	0.00	0.01	0.11	0.11	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.05	0.03	0.03	0.01	0.01	0.01
28/6/2001	0.00	0.01	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.03	0.01	0.01	0.01
4/7/2001	0.02	0.05	0.01	0.11	0.11	0.10	0.14	0.15	0.17	0.01	0.01	0.01	0.03	0.00	0.01	0.04	0.04	0.04
10/7/2001	0.00	0.04	0.02	0.10	0.10	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.05	0.05	0.06	0.01	0.01	0.01
16/7/2001	0.00	0.00	0.01	0.10	0.10	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.06	0.06	0.07	0.01	0.01	0.01
22/7/2001	0.03	0.02	0.00	0.11	0.10	0.10	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.01	0.01	0.01
28/7/2001	0.03	0.07	0.07	0.10	0.10	0.10	0.01	0.01	0.03	0.00	0.00	0.00	0.05	0.06	0.04	0.01	0.01	0.01
3/8/2001	0.00	0.00	0.00	0.10	0.10	0.10	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.02	0.02	0.01	0.02
9/8/2001	0.01	0.02	0.00	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.01	0.01
15/8/2001	0.00	0.03	0.02	0.10	0.10	0.10	0.02	0.03	0.03	0.00	0.00	0.00	0.06	0.03	0.02	0.01	0.01	0.03
21/8/2001	0.00	0.00	0.01	0.10	0.11	0.10	0.01	0.03	0.02	0.00	0.00	0.00	0.03	0.06	0.06	0.01	0.01	0.01
27/8/2001	0.03	0.02	0.00	0.10	0.10	0.11	0.03	0.04	0.03	0.00	0.00	0.00	0.02	0.02	0.01	0.03	0.03	0.03
2/9/2001	0.03	0.00	0.00	0.10	0.11	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.01
8/9/2001	v	0.00	0.00	v	0.11	0.11	v	0.05	0.04	v	0.00	0.00	v	0.05	0.04	v	0.01	0.01
14/9/2001	0.01	0.01	0.01	0.10	0.10	0.10	0.06	0.10	0.10	0.00	0.01	0.01	0.05	0.02	0.05	0.01	0.04	0.02
20/9/2001	0.01	0.04	0.01	0.10	0.10	0.10	0.10	0.11	0.11	0.01	0.01	0.01	0.03	0.01	0.03	0.03	0.03	0.03
26/9/2001	0.04	0.06	0.01	0.10	0.10	0.10	0.12	0.14	0.14	0.01	0.01	0.01	0.04	0.01	0.02	0.02	0.04	0.04
2/10/2001	0.00	0.02	0.02	0.10	0.10	0.10	0.05	0.05	0.05	0.00	0.00	0.00	0.06	0.04	0.05	0.01	0.01	0.01
8/10/2001	0.00	0.00	0.05	0.10	0.10	0.10	0.04	0.04	0.04	0.00	0.00	0.00	0.06	0.03	0.04	0.01	0.03	0.01
14/10/2001	0.00	0.00	0.02	0.10	0.10	0.10	0.03	0.04	0.05	0.00	0.00	0.00	0.07	0.09	0.07	0.01	0.01	0.01
20/10/2001	0.00	0.00	0.00	0.10	0.11	0.10	0.03	0.04	0.04	0.00	0.00	0.00	0.11	0.07	0.09	0.01	0.01	0.01
26/10/2001	0.04	0.00	0.00	0.10	0.11	0.10	0.06	0.06	0.05	0.00	0.00	0.00	0.08	0.08	0.06	0.02	0.02	0.01

Remark: V = void sample

Table 9 (Cont'd)

DATE	Nickel concentration			Nickel concentration uncertainty			Nitrate concentration			Nitrate concentration uncertainty			Organic Carbon concentration			Organic Carbon concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
6/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	1.45	1.50	1.54	0.09	0.14	0.14	9.33	27.75	16.37	0.60	1.68	1.01
12/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.68	0.52	0.03	0.05	0.04	2.38	10.19	3.63	0.25	0.65	0.30
18/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.53	1.29	0.83	0.04	0.08	0.06	3.82	19.54	8.79	0.31	1.20	0.57
24/11/2000	0.00	0.00	v	0.00	0.00	v	0.55	1.39	v	0.04	0.14	v	3.47	19.89	v	0.29	1.22	v
30/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	1.02	1.77	0.89	0.07	0.15	0.06	4.51	21.33	10.61	0.34	1.30	0.68
6/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.44	1.76	2.56	0.04	0.15	0.18	6.88	28.12	14.53	0.46	1.71	0.90
12/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.86	0.55	0.04	0.06	0.05	3.04	18.95	5.75	0.27	1.16	0.40
18/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.58	2.39	2.74	0.05	0.19	0.19	4.72	24.33	13.21	0.35	1.48	0.82
24/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	0.96	0.13	0.16	0.06	7.06	22.85	13.72	0.47	1.39	0.85
30/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	1.01	3.40	3.27	0.06	0.22	0.21	16.42	32.93	19.78	1.01	1.99	1.21
5/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.33	1.52	0.93	0.04	0.14	0.06	3.29	18.56	8.67	0.28	1.14	0.56
11/1/2001	0.00	0.01	0.00	0.00	0.00	0.00	2.71	5.47	4.72	0.19	0.32	0.29	10.08	25.98	18.14	0.64	1.58	1.12
17/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.64	1.32	1.03	0.05	0.14	0.07	6.02	18.87	9.61	0.42	1.16	0.62
23/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.39	1.79	1.07	0.04	0.15	0.07	3.35	17.09	6.87	0.29	1.05	0.46
29/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.77	1.75	1.55	0.05	0.15	0.14	7.57	19.22	11.38	0.50	1.18	0.72
4/2/2001	0.01	0.01	0.01	0.00	0.00	0.00	4.31	5.05	4.64	0.25	0.29	0.27	12.87	25.14	17.86	0.99	1.89	1.36
10/2/2001	0.00	v	0.00	0.00	v	0.00	1.38	v	5.49	0.09	v	0.31	6.16	v	12.29	0.51	v	0.95
16/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.90	1.27	0.09	0.11	0.08	8.32	21.44	11.94	0.67	1.62	0.93
22/2/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.23	3.43	2.20	0.08	0.20	0.13	6.47	28.14	17.61	0.54	2.11	1.34
28/2/2001	0.02	0.03	0.02	0.00	0.00	0.00	6.64	10.96	10.74	0.38	0.62	0.61	16.64	42.76	29.40	1.27	3.19	2.21
6/3/2001	0.00	0.01	0.00	0.00	0.00	0.00	1.97	2.75	2.23	0.12	0.16	0.13	5.54	14.93	7.92	0.47	1.14	0.64
12/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.33	1.03	0.06	0.09	0.07	2.74	13.45	6.56	0.30	1.04	0.54
18/3/2001	0.01	0.02	0.01	0.00	0.00	0.00	0.71	3.54	2.77	0.06	0.20	0.16	3.94	22.42	10.56	0.37	1.69	0.83
24/3/2001	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.72	0.58	0.04	0.06	0.05	1.62	6.95	5.89	0.24	0.57	0.50
30/3/2001	0.00	0.00	v	0.00	0.00	v	0.83	1.97	v	0.06	0.12	v	3.62	12.54	v	0.35	0.97	v
5/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.36	1.06	0.05	0.09	0.07	1.90	11.07	4.90	0.26	0.86	0.43
11/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.54	1.11	0.85	0.05	0.07	0.06	2.23	10.53	3.32	0.27	0.82	0.33
17/4/2001	0.01	0.01	0.01	0.00	0.00	0.00	1.23	4.12	1.78	0.08	0.24	0.11	4.85	12.71	9.87	0.43	0.98	0.78
23/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.86	2.49	1.16	0.06	0.15	0.08	3.14	12.34	5.39	0.32	0.96	0.46
29/4/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.08	0.73	0.85	0.04	0.06	0.06	2.45	8.71	5.81	0.28	0.69	0.49
5/5/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.05	0.89	0.77	0.04	0.06	0.06	2.19	10.03	5.10	0.28	0.79	0.45
11/5/2001	0.00	0.01	0.01	0.00	0.00	0.00	0.62	1.39	1.08	0.05	0.08	0.07	3.00	12.27	6.85	0.32	0.95	0.57
17/5/2001	0.01	0.01	0.00	0.00	0.00	0.00	0.12	1.76	0.76	0.04	0.10	0.06	1.81	15.35	7.70	0.26	1.18	0.63
23/5/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.16	1.21	0.50	0.04	0.07	0.05	2.12	14.56	6.92	0.27	1.12	0.57
29/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.29	0.58	0.04	0.08	0.05	3.10	15.26	6.44	0.33	1.17	0.54
4/6/2001	0.00	0.00	0.01	0.00	0.00	0.00	0.17	0.47	0.38	0.04	0.05	0.04	0.70	6.02	2.94	0.22	0.51	0.32
10/6/2001	0.00	0.00	0.01	0.00	0.00	0.00	0.25	0.42	0.30	0.04	0.05	0.04	0.87	6.77	3.01	0.23	0.56	0.32
16/6/2001	0.00	0.00	0.01	0.00	0.00	0.00	0.33	0.58	0.52	0.04	0.05	0.05	1.15	11.02	5.38	0.24	0.86	0.47
22/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.50	0.47	0.04	0.05	0.05	1.38	12.84	4.61	0.24	0.99	0.42
28/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.52	0.41	0.04	0.05	0.04	0.90	12.99	3.80	0.23	1.00	0.37
4/7/2001	0.02	0.02	0.02	0.00	0.00	0.00	0.49	0.84	0.68	0.05	0.06	0.05	11.82	30.68	15.04	0.92	2.30	1.16
10/7/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.42	0.75	0.87	0.05	0.06	0.06	1.10	9.34	5.37	0.23	0.74	0.47
16/7/2001	0.00	0.01	0.01	0.00	0.00	0.00	0.43	0.75	0.47	0.05	0.06	0.05	1.23	10.36	5.69	0.24	0.82	0.49
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.48	0.49	0.04	0.05	0.05	0.75	8.82	3.30	0.22	0.71	0.34
28/7/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.16	0.77	0.55	0.04	0.06	0.05	1.07	7.84	4.88	0.23	0.64	0.43
3/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.76	0.46	0.04	0.06	0.05	1.65	16.51	2.95	0.23	1.02	0.27
9/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.35	0.32	0.04	0.04	0.04	0.66	11.09	2.73	0.20	0.71	0.26
15/8/2001	0.00	0.01	0.01	0.00	0.00	0.00	0.09	0.98	0.75	0.04	0.07	0.06	2.24	17.81	12.07	0.25	1.10	0.76
21/8/2001	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.89	0.52	0.04	0.06	0.05	2.44	12.40	7.99	0.25	0.78	0.53
27/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.56	0.58	0.04	0.05	0.05	2.65	18.21	5.49	0.26	1.12	0.40
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.33	0.27	0.04	0.04	0.04	0.40	11.65	3.24	0.20	0.74	0.29
8/9/2001	v	0.00	0.00	v	0.00	0.00	v	0.67	0.33	v	0.05	0.04	v	16.69	4.53	v	1.03	0.35
14/9/2001	0.02	0.03	0.01	0.00	0.00	0.00	0.09	3.00	1.70	0.04	0.16	0.10	3.80	29.53	16.15	0.31	1.79	1.00
20/9/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.32	0.71	0.46	0.04	0.05	0.05	5.55	20.84	7.14	0.40	1.28	0.48
26/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.55	0.34	0.04	0.05	0.04	7.69	17.01	10.19	0.51	1.05	0.65
2/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.86	0.59	0.04	0.06	0.05	3.08	14.96	6.30	0.28	0.93	0.44
8/10/2001	0.01	0.01	0.02	0.00	0.00	0.00	0.07	1.15	0.55	0.04	0.07	0.05	2.29	9.13	7.34	0.25	0.59	0.49
14/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.91	0.75	0.05	0.06	0.06	3.18	9.80	7.56	0.28	0.63	0.50
20/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.61	1.25	0.99	0.05	0.08	0.07	2.41	11.88	6.71	0.25	0.75	0.46
26/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.59	0.65	0.04	0.09	0.05	3.61	11.48	6.17	0.30	0.73	0.43

Remark: V = void sample

Table 9 (Cont'd)

DATE	Palladium concentration			Palladium concentration			Phosphorous concentration			Phosphorous concentration			Potassium concentration			Potassium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.02	0.01	0.02	1.49	1.62	1.86	0.08	0.08	0.09
12/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.31	0.34	0.51	0.02	0.02	0.03
18/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.54	0.55	0.51	0.03	0.03	0.03
24/11/2000	0.00	0.00	v	0.01	0.01	v	0.00	0.02	v	0.01	0.01	v	0.22	0.27	v	0.01	0.02	v
30/11/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.32	0.42	0.47	0.02	0.02	0.02
6/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.02	0.70	0.77	0.90	0.04	0.04	0.05
12/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.23	0.26	0.30	0.01	0.02	0.02
18/12/2000	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.01	0.01	0.01	0.37	0.68	0.92	0.02	0.04	0.05
24/12/2000	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.01	1.17	1.32	1.37	0.06	0.07	0.07
30/12/2000	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.02	0.02	0.02	1.83	1.84	1.78	0.09	0.09	0.09
5/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.24	0.34	0.37	0.01	0.02	0.02
11/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.02	0.01	0.02	0.87	0.90	1.18	0.04	0.05	0.06
17/1/2001	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.02	0.51	0.59	0.56	0.03	0.03	0.03
23/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.02	0.01	0.35	0.34	0.27	0.02	0.02	0.02
29/1/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.86	0.83	0.86	0.04	0.04	0.04
4/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.48	0.54	0.71	0.03	0.03	0.04
10/2/2001	0.00	v	0.00	0.01	v	0.01	0.00	v	0.00	0.01	v	0.01	0.96	v	0.96	0.05	v	0.05
16/2/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.96	1.00	1.03	0.05	0.05	0.05
22/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.01	0.02	0.02	0.02	0.71	0.69	0.68	0.04	0.04	0.03
28/2/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.02	1.54	2.27	2.22	0.08	0.11	0.11
6/3/2001	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.93	0.83	0.78	0.05	0.04	0.04
12/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.49	0.50	0.52	0.03	0.03	0.03
18/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.02	0.02	0.39	0.83	1.04	0.02	0.04	0.05
24/3/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.01	0.01	0.01	0.08	0.14	0.13	0.01	0.01	0.01
30/3/2001	0.00	0.00	v	0.01	0.01	v	0.00	0.01	v	0.02	0.02	v	0.52	0.59	v	0.03	0.03	v
5/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.20	0.33	0.33	0.01	0.02	0.02
11/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.18	0.25	0.25	0.01	0.01	0.01
17/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.80	0.74	0.76	0.04	0.04	0.04
23/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.02	0.02	0.02	0.32	0.35	0.30	0.02	0.02	0.02
29/4/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.09	0.13	0.13	0.01	0.01	0.01
5/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.57	0.48	0.47	0.03	0.03	0.02
11/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.01	0.44	0.45	0.47	0.02	0.02	0.02
17/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.01	0.26	0.30	0.21	0.01	0.02	0.01
23/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.02	0.27	0.36	0.35	0.02	0.02	0.02
29/5/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.02	1.18	1.29	1.21	0.06	0.07	0.06
4/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.03	0.07	0.06	0.01	0.01	0.01
10/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.03	0.05	0.04	0.01	0.01	0.01
16/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.00	0.01	0.09	0.16	0.17	0.01	0.01	0.01
22/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.04	0.08	0.09	0.01	0.01	0.01
28/6/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.04	0.09	0.07	0.01	0.01	0.01
4/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.02	0.02	0.02	1.30	1.35	1.46	0.07	0.07	0.07
10/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.08	0.10	0.14	0.01	0.01	0.01
16/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.07	0.12	0.14	0.01	0.01	0.01
22/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.08	0.07	0.01	0.01	0.01
28/7/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.11	0.17	0.25	0.01	0.01	0.01
3/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.10	0.14	0.10	0.01	0.01	0.01
9/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.06	0.05	0.00	0.01	0.01
15/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.03	0.01	0.02	0.01	0.02	0.17	0.23	0.28	0.01	0.01	0.02
21/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.01	0.09	0.18	0.22	0.01	0.01	0.01
27/8/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.01	0.21	0.31	0.27	0.01	0.02	0.02
2/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.08	0.11	0.00	0.01	0.01
8/9/2001	v	0.00	0.00	v	0.01	0.01	v	0.00	0.01	v	0.02	0.02	v	0.49	0.44	v	0.03	0.02
14/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.03	0.00	0.02	0.01	0.02	0.56	0.77	0.90	0.03	0.04	0.05
20/9/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.02	0.93	0.89	0.94	0.05	0.05	0.05
26/9/2001	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	1.33	1.54	1.47	0.07	0.08	0.07
2/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.02	0.70	0.77	0.69	0.04	0.04	0.04
8/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.02	0.28	0.31	0.32	0.02	0.02	0.02
14/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.31	0.39	0.43	0.02	0.02	0.02
20/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.25	0.34	0.33	0.01	0.02	0.02
26/10/2001	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.65	0.61	0.53	0.03	0.03	0.03

Remark: V = void sample

Table 9 (Cont'd)

DATE	QMA Mass concentration			QMA Mass concentration			Quartz filter volume (m3)			Quartz filter volume uncertainty			Rubidium concentration			Rubidium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	m3	m3	m3	m3	m3	m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
6/11/2000	35.63	79.71	51.70	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.02	0.00	0.00	0.00
12/11/2000	10.13	38.25	16.27	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	22.75	63.88	29.25	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
24/11/2000	17.58	64.33	v	-99.00	-99.00	v	24.00	24.00	v	1.20	1.20	v	0.00	0.00	v	0.00	0.00	v
30/11/2000	26.29	72.75	36.14	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
6/12/2000	34.04	83.25	57.01	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.01	0.01	0.00	0.00	0.00
12/12/2000	16.04	55.63	18.96	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
18/12/2000	22.63	76.04	49.25	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.01	0.00	0.00	0.00
24/12/2000	29.46	69.08	38.51	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.01	0.00	0.00	0.00
30/12/2000	62.38	96.71	71.58	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.02	0.02	0.00	0.00	0.00
5/1/2001	18.83	64.13	33.49	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
11/1/2001	39.42	77.30	59.71	-99.00	-99.00	-99.00	24.00	23.70	24.10	1.20	1.19	1.21	0.01	0.01	0.01	0.00	0.00	0.00
17/1/2001	29.92	65.58	37.14	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
23/1/2001	28.04	61.79	29.63	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
29/1/2001	38.79	62.79	43.40	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
4/2/2001	48.33	75.79	57.97	4.78	5.60	5.03	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
10/2/2001	28.04	v	42.53	4.36	v	4.63	24.00	v	24.10	1.20	v	1.21	0.01	v	0.01	0.00	v	0.00
16/2/2001	42.42	73.29	46.76	4.64	5.52	4.73	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.01	0.00	0.00	0.00
22/2/2001	41.92	89.46	59.83	4.63	6.08	5.08	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
28/2/2001	69.88	134.50	119.13	5.41	7.89	7.24	24.00	24.00	24.10	1.20	1.20	1.21	0.02	0.03	0.03	0.00	0.00	0.00
6/3/2001	36.17	72.50	40.00	4.50	5.49	4.57	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
12/3/2001	15.67	47.79	23.94	4.20	4.77	4.28	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
18/3/2001	31.21	77.21	51.49	4.41	5.65	4.85	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.01	0.01	0.00	0.00	0.00
24/3/2001	15.63	39.83	25.64	4.20	4.58	4.30	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	26.67	60.38	v	4.34	5.11	v	24.00	24.00	v	1.20	1.20	v	0.00	0.00	v	0.00	0.00	v
5/4/2001	10.42	42.21	17.88	4.16	4.63	4.20	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
11/4/2001	10.79	35.83	14.81	4.16	4.50	4.17	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
17/4/2001	39.96	70.71	48.59	4.58	5.43	4.77	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
23/4/2001	26.67	59.88	29.75	4.34	5.10	4.37	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
29/4/2001	21.00	48.29	28.46	4.26	4.78	4.35	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
5/5/2001	34.46	57.50	37.63	4.47	5.03	4.52	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
11/5/2001	20.92	54.54	33.69	4.26	4.95	4.44	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
17/5/2001	22.25	61.33	29.92	4.27	5.14	4.37	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
23/5/2001	19.17	65.21	36.18	4.23	5.26	4.49	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
29/5/2001	40.21	75.54	43.11	4.59	5.59	4.64	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.01	0.01	0.00	0.00	0.00
4/6/2001	10.17	32.08	18.13	4.16	4.43	4.21	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	9.54	33.63	18.30	4.15	4.45	4.21	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	10.63	45.21	23.90	4.16	4.70	4.28	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	11.67	56.00	21.41	4.17	4.99	4.25	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	9.25	51.25	19.34	4.15	4.86	4.22	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	50.58	82.46	56.64	4.84	5.83	4.99	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.01	0.00	0.00	0.00
10/7/2001	12.42	38.08	26.31	4.17	4.54	4.31	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
16/7/2001	11.25	47.71	24.40	4.16	4.77	4.29	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	9.33	42.33	18.71	4.15	4.64	4.21	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	12.50	43.08	26.14	4.17	4.65	4.31	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	12.54	56.04	18.55	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	8.25	44.88	15.73	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	24.08	65.42	42.99	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
21/8/2001	24.67	64.50	41.99	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
27/8/2001	20.50	65.42	32.29	-99.00	-99.00	-99.00	24.00	24.00	24.00	1.20	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	5.75	46.00	14.23	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	73.63	44.15	v	-99.00	-99.00	v	24.00	24.10	v	1.20	1.21	v	0.00	0.00	v	0.00	0.00
14/9/2001	42.46	102.71	72.90	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.01	0.01	0.00	0.00	0.00
20/9/2001	32.83	63.21	40.79	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.01	0.00	0.00	0.00
26/9/2001	45.00	73.63	54.15	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.01	0.01	0.01	0.00	0.00	0.00
2/10/2001	31.63	57.29	37.14	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
8/10/2001	24.63	60.38	38.51	-99.00	-99.00	-99.00	24.00	24.00	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
14/10/2001	19.79	49.71	29.67	-99.00	-99.00	-99.00	24.00	23.90	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
20/10/2001	17.50	52.05	29.50	-99.00	-99.00	-99.00	24.00	23.90	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00
26/10/2001	34.38	67.95	37.01	-99.00	-99.00	-99.00	24.00	23.90	24.10	1.20	1.20	1.21	0.00	0.00	0.00	0.00	0.00	0.00

Remark: V = void sample

Table 9 (Cont'd)

DATE	Selenium concentration			Selenium concentration			Silicon concentration			Silicon concentration uncertainty			Silver concentration			Silver concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
6/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.57	0.52	0.02	0.03	0.03	0.00	0.00	0.01	0.02	0.01	0.02
12/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.16	0.10	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01
18/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.33	0.22	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.02	0.01
24/11/2000	0.00	0.00	v	0.00	0.00	v	0.20	0.32	v	0.01	0.02	v	0.00	0.00	v	0.02	0.01	v
30/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.43	0.32	0.02	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.01
6/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.55	0.47	0.02	0.03	0.03	0.00	0.00	0.01	0.01	0.01	0.01
12/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.23	0.12	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
18/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.41	0.35	0.01	0.02	0.02	0.01	0.00	0.00	0.01	0.01	0.01
24/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.65	0.62	0.03	0.03	0.03	0.00	0.00	0.00	0.01	0.01	0.01
30/12/2000	0.00	0.00	0.01	0.00	0.00	0.00	0.71	0.73	0.67	0.04	0.04	0.04	0.00	0.00	0.00	0.01	0.01	0.01
5/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.48	0.37	0.02	0.03	0.02	0.00	0.00	0.00	0.01	0.01	0.01
11/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.34	0.38	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
17/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.59	0.54	0.02	0.03	0.03	0.00	0.00	0.00	0.01	0.01	0.01
23/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.17	0.13	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01
29/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.46	0.45	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
4/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.29	0.28	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
10/2/2001	0.00	v	0.00	0.00	v	0.00	0.25	v	0.34	0.02	v	0.02	0.00	v	0.01	0.01	v	0.01
16/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.96	0.79	0.05	0.05	0.04	0.00	0.00	0.00	0.01	0.01	0.01
22/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.68	0.63	0.03	0.04	0.03	0.00	0.00	0.00	0.01	0.01	0.01
28/2/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.65	1.13	1.33	0.03	0.06	0.07	0.00	0.00	0.00	0.01	0.01	0.01
6/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	2.17	2.08	2.25	0.11	0.11	0.11	0.00	0.00	0.00	0.01	0.01	0.01
12/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.46	0.38	0.02	0.03	0.02	0.00	0.00	0.00	0.01	0.01	0.01
18/3/2001	0.00	0.00	0.01	0.00	0.00	0.00	0.30	0.62	0.52	0.02	0.03	0.03	0.00	0.01	0.00	0.01	0.01	0.01
24/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.17	0.14	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
30/3/2001	0.00	0.00	v	0.00	0.00	v	0.63	0.75	v	0.03	0.04	v	0.00	0.00	v	0.01	0.01	v
5/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.19	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
11/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.21	0.14	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
17/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.37	1.33	0.09	0.07	0.07	0.00	0.00	0.00	0.01	0.01	0.01
23/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.70	0.61	0.03	0.04	0.03	0.00	0.00	0.00	0.01	0.01	0.01
29/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22	0.19	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
5/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.91	0.78	0.06	0.05	0.04	0.00	0.00	0.00	0.01	0.01	0.01
11/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.50	0.38	0.02	0.03	0.02	0.01	0.00	0.00	0.01	0.01	0.01
17/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.42	0.25	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
23/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.51	0.33	0.02	0.03	0.02	0.00	0.01	0.00	0.01	0.01	0.01
29/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.72	0.49	0.03	0.04	0.03	0.00	0.00	0.00	0.01	0.01	0.01
4/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.24	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
10/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.06	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
16/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.29	0.19	0.01	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.01
22/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.25	0.07	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
28/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.29	0.13	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
4/7/2001	0.01	0.01	0.01	0.00	0.00	0.00	0.68	0.82	0.75	0.04	0.04	0.04	0.00	0.00	0.00	0.01	0.01	0.01
10/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.26	0.21	0.01	0.02	0.01	0.00	0.00	0.01	0.01	0.01	0.01
16/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.40	0.28	0.01	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20	0.09	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
28/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.30	0.24	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
3/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.27	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
9/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.24	0.05	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01
15/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.31	0.19	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
21/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.30	0.19	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
27/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.40	0.20	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01
8/9/2001	v	0.00	0.00	v	0.00	0.00	v	0.39	0.26	v	0.02	0.02	v	0.00	0.00	v	0.01	0.01
14/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.51	0.43	0.01	0.03	0.02	0.00	0.00	0.00	0.01	0.01	0.01
20/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.47	0.32	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
26/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.46	0.40	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
2/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.39	0.30	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
8/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30	0.19	0.01	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.01
14/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.40	0.31	0.01	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
20/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.47	0.38	0.02	0.02	0.02	0.00	0.00	0.00	0.01	0.01	0.01
26/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.57	0.42	0.03	0.03	0.02	0.00	0.00	0.00	0.01	0.01	0.01

Remark: V = void sample

Table 9 (Cont'd)

DATE	Sodium concentration			Sodium concentration uncertainty			Soluble Potassium concentration			Soluble Potassium concentration			Soluble Sodium concentration			Soluble Sodium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.82	0.06	0.00	0.06	0.09	0.10	1.34	1.44	1.56	0.07	0.07	0.08	3.80	0.56	0.50	0.34	0.28	0.28
12/11/2000	0.21	0.04	0.00	0.03	0.02	0.05	0.28	0.30	0.42	0.02	0.02	0.02	0.70	0.43	0.35	0.28	0.28	0.28
18/11/2000	0.75	0.19	0.09	0.05	0.03	0.03	0.46	0.48	0.45	0.02	0.03	0.02	1.04	0.12	0.47	0.28	0.28	0.28
24/11/2000	0.49	0.30	v	0.04	0.03	v	0.17	0.23	v	0.01	0.01	v	0.70	0.41	v	0.28	0.28	v
30/11/2000	0.50	0.32	0.23	0.04	0.04	0.03	0.30	0.35	0.42	0.02	0.02	0.02	1.61	0.52	0.42	0.29	0.28	0.28
6/12/2000	0.37	0.18	0.15	0.04	0.03	0.03	0.58	0.66	0.82	0.03	0.03	0.04	1.12	0.45	0.59	0.28	0.28	0.28
12/12/2000	0.34	0.10	0.04	0.03	0.02	0.02	0.20	0.21	0.25	0.01	0.01	0.01	0.44	0.02	0.11	0.28	0.28	0.28
18/12/2000	0.24	0.22	0.15	0.03	0.03	0.03	0.33	0.58	0.82	0.02	0.03	0.04	1.13	0.53	0.47	0.28	0.28	0.28
24/12/2000	0.43	0.08	0.07	0.04	0.03	0.03	1.00	1.09	1.04	0.05	0.06	0.05	0.87	0.28	0.46	0.28	0.28	0.28
30/12/2000	0.23	0.05	0.04	0.04	0.10	0.09	1.64	1.63	1.63	0.08	0.08	0.08	0.78	0.33	0.28	0.28	0.28	0.28
5/1/2001	0.33	0.18	0.14	0.03	0.03	0.03	0.18	0.27	0.30	0.01	0.01	0.02	0.60	0.18	0.23	0.28	0.28	0.28
11/1/2001	0.18	0.04	0.00	0.03	0.08	0.08	0.80	0.80	0.99	0.04	0.04	0.05	0.56	0.17	0.05	0.28	0.28	0.28
17/1/2001	0.38	0.30	0.20	0.04	0.03	0.03	0.42	0.48	0.43	0.02	0.03	0.02	0.85	0.59	0.49	0.28	0.28	0.28
23/1/2001	0.30	0.31	0.31	0.03	0.03	0.03	0.31	0.31	0.23	0.02	0.02	0.01	0.93	0.73	0.54	0.28	0.28	0.28
29/1/2001	0.48	0.08	0.00	0.04	0.03	0.07	0.72	0.73	0.74	0.04	0.04	0.04	0.56	0.00	0.00	0.28	0.28	0.28
4/2/2001	0.21	0.03	0.01	0.03	0.07	0.08	0.40	0.51	0.62	0.03	0.03	0.04	0.00	0.00	0.00	0.41	0.41	0.41
10/2/2001	0.36	v	0.03	0.04	v	0.07	0.72	v	0.79	0.04	v	0.05	0.01	v	0.00	0.41	v	0.41
16/2/2001	0.57	0.21	0.22	0.05	0.04	0.03	0.76	0.79	0.81	0.05	0.05	0.05	0.64	0.00	0.00	0.41	0.41	0.41
22/2/2001	0.37	0.24	0.20	0.04	0.03	0.03	0.62	0.52	0.53	0.04	0.03	0.03	1.48	0.69	0.97	0.42	0.41	0.41
28/2/2001	0.03	0.00	0.00	0.11	0.14	0.14	1.36	2.30	2.48	0.08	0.14	0.15	0.43	0.94	1.04	0.41	0.41	0.41
6/3/2001	0.44	0.26	0.41	0.04	0.04	0.04	0.51	0.49	0.40	0.03	0.03	0.02	0.69	0.39	1.19	0.41	0.41	0.41
12/3/2001	0.17	0.07	0.00	0.03	0.02	0.05	0.40	0.41	0.42	0.03	0.03	0.03	1.05	0.61	0.00	0.42	0.41	0.41
18/3/2001	0.29	0.24	0.18	0.03	0.04	0.03	0.33	0.71	0.90	0.02	0.04	0.06	0.34	0.32	0.25	0.41	0.41	0.41
24/3/2001	0.10	0.13	0.17	0.02	0.03	0.03	0.07	0.11	0.10	0.01	0.01	0.01	0.00	0.00	0.00	0.41	0.41	0.41
30/3/2001	0.26	0.18	v	0.03	0.03	v	0.41	0.45	v	0.03	0.03	v	0.93	0.75	v	0.41	0.41	v
5/4/2001	0.20	0.07	0.10	0.02	0.02	0.02	0.17	0.27	0.28	0.01	0.02	0.02	0.59	0.30	0.33	0.41	0.41	0.41
11/4/2001	0.14	0.06	0.03	0.02	0.02	0.02	0.16	0.21	0.21	0.01	0.01	0.01	0.38	0.15	0.19	0.41	0.41	0.41
17/4/2001	0.25	0.22	0.24	0.03	0.03	0.03	0.56	0.52	0.52	0.03	0.03	0.03	0.71	1.02	0.98	0.41	0.42	0.41
23/4/2001	0.40	0.36	0.34	0.04	0.03	0.03	0.24	0.25	0.21	0.02	0.02	0.01	1.28	0.82	0.76	0.42	0.41	0.41
29/4/2001	0.09	0.16	0.22	0.02	0.03	0.03	0.08	0.09	0.11	0.01	0.01	0.01	0.09	0.05	0.51	0.41	0.41	0.41
5/5/2001	0.14	0.18	0.22	0.03	0.03	0.03	0.34	0.32	0.32	0.03	0.03	0.03	0.52	0.32	0.39	0.14	0.14	0.14
11/5/2001	0.39	0.11	0.11	0.04	0.03	0.02	0.33	0.34	0.36	0.03	0.03	0.03	0.54	0.08	0.15	0.14	0.13	0.13
17/5/2001	0.19	0.22	0.15	0.03	0.03	0.03	0.20	0.22	0.16	0.02	0.02	0.02	0.30	0.21	0.21	0.14	0.14	0.13
23/5/2001	0.20	0.20	0.15	0.03	0.03	0.03	0.21	0.26	0.27	0.02	0.02	0.02	0.48	0.22	0.22	0.14	0.14	0.13
29/5/2001	0.37	0.29	0.28	0.04	0.04	0.03	1.09	1.06	1.03	0.08	0.08	0.08	0.88	0.62	0.61	0.14	0.14	0.14
4/6/2001	0.19	0.21	0.22	0.02	0.03	0.03	0.02	0.05	0.04	0.01	0.01	0.01	0.23	0.26	0.20	0.14	0.14	0.13
10/6/2001	0.27	0.20	0.24	0.03	0.03	0.03	0.03	0.04	0.03	0.01	0.01	0.01	0.58	0.27	0.22	0.14	0.14	0.13
16/6/2001	0.27	0.22	0.28	0.03	0.03	0.03	0.07	0.12	0.12	0.01	0.02	0.02	0.66	0.57	0.63	0.14	0.14	0.14
22/6/2001	0.22	0.11	0.15	0.02	0.02	0.02	0.04	0.06	0.07	0.01	0.01	0.01	0.40	0.36	0.43	0.14	0.14	0.14
28/6/2001	0.23	0.23	0.18	0.03	0.03	0.02	0.02	0.06	0.05	0.01	0.01	0.01	0.26	0.61	0.19	0.14	0.14	0.13
4/7/2001	0.21	0.01	0.09	0.04	0.09	0.10	1.10	1.17	1.30	0.08	0.09	0.10	0.77	0.52	0.46	0.14	0.14	0.14
10/7/2001	0.32	0.26	0.28	0.03	0.03	0.05	0.06	0.08	0.12	0.01	0.01	0.02	0.90	0.82	0.74	0.14	0.14	0.14
16/7/2001	0.16	0.15	0.16	0.02	0.02	0.02	0.04	0.07	0.09	0.01	0.01	0.01	0.42	0.15	0.07	0.14	0.13	0.13
22/7/2001	0.29	0.20	0.25	0.03	0.02	0.03	0.03	0.05	0.06	0.01	0.01	0.01	0.53	0.43	0.53	0.14	0.14	0.14
28/7/2001	0.20	0.26	0.25	0.03	0.03	0.03	0.08	0.13	0.18	0.01	0.02	0.02	0.36	0.45	0.36	0.14	0.14	0.14
3/8/2001	0.11	0.15	0.13	0.02	0.02	0.02	0.07	0.10	0.08	0.01	0.01	0.01	0.18	0.10	0.20	0.12	0.12	0.12
9/8/2001	0.11	0.09	0.14	0.02	0.02	0.02	0.03	0.05	0.04	0.00	0.00	0.00	0.35	0.31	0.13	0.12	0.12	0.12
15/8/2001	0.25	0.14	0.07	0.03	0.03	0.03	0.15	0.19	0.22	0.01	0.01	0.01	0.34	0.43	0.16	0.12	0.12	0.12
21/8/2001	0.28	0.36	0.27	0.03	0.03	0.03	0.08	0.13	0.19	0.01	0.01	0.01	0.69	0.38	0.62	0.12	0.12	0.12
27/8/2001	0.11	0.10	0.10	0.02	0.03	0.02	0.17	0.22	0.24	0.01	0.01	0.01	0.48	0.17	0.54	0.12	0.12	0.12
2/9/2001	0.08	0.08	0.04	0.02	0.02	0.02	0.01	0.05	0.08	0.00	0.00	0.01	0.03	0.02	0.27	0.12	0.12	0.12
8/9/2001	v	0.23	0.23	v	0.03	0.03	v	0.39	0.41	v	0.02	0.02	v	0.42	0.48	v	0.12	0.12
14/9/2001	0.12	0.09	0.10	0.03	0.10	0.03	0.47	0.71	0.77	0.03	0.04	0.04	0.36	0.23	0.18	0.12	0.12	0.12
20/9/2001	0.04	0.00	0.00	0.07	0.07	0.07	0.76	0.80	0.78	0.04	0.04	0.04	0.32	0.14	0.11	0.12	0.12	0.12
26/9/2001	0.32	0.14	0.15	0.04	0.03	0.03	1.14	1.28	1.23	0.06	0.07	0.07	0.62	0.31	0.29	0.12	0.12	0.12
2/10/2001	0.40	0.32	0.30	0.04	0.04	0.03	0.58	0.57	0.57	0.03	0.03	0.03	0.80	0.60	0.52	0.12	0.12	0.12
8/10/2001	0.27	0.19	0.17	0.03	0.03	0.03	0.21	0.23	0.25	0.01	0.01	0.01	0.38	0.39	0.38	0.12	0.12	0.12
14/10/2001	0.42	0.35	0.35	0.04	0.03	0.03	0.24	0.28	0.34	0.01	0.02	0.02	1.02	0.72	0.81	0.13	0.12	0.12
20/10/2001	0.58	0.42	0.40	0.04	0.04	0.04	0.18	0.24	0.28	0.01	0.01	0.02	1.28	1.01	1.08	0.13	0.13	0.13
26/10/2001	0.37	0.32	0.24	0.04	0.04	0.03	0.51	0.50	0.41	0.03	0.03	0.02	1.10	0.98	0.66	0.13	0.13	0.12

Remark: V = void sample

Table 9 (Cont'd)

DATE	Strontium concentration			Strontium concentration			Sulfate concentration			Sulfate concentration uncertainty			Sulfur concentration			Sulfur concentration uncertainty		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	7.58	8.48	8.69	1.46	1.63	1.67	2.67	3.35	3.42	0.13	0.17	0.17
12/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	2.96	3.40	3.81	0.59	0.67	0.74	1.24	1.36	1.59	0.06	0.07	0.08
18/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	6.86	6.63	6.25	1.32	1.28	1.21	2.65	2.90	2.44	0.13	0.15	0.12
24/11/2000	0.00	0.00	v	0.00	0.00	v	4.84	5.38	v	0.94	1.04	v	1.91	2.14	v	0.10	0.11	v
30/11/2000	0.00	0.00	0.00	0.00	0.00	0.00	8.83	9.17	8.35	1.70	1.77	1.61	3.10	3.50	3.13	0.16	0.18	0.16
6/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	11.40	12.23	12.97	2.19	2.35	2.49	4.73	4.65	4.55	0.24	0.23	0.23
12/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	3.87	3.72	3.50	0.76	0.73	0.69	1.48	1.45	1.45	0.07	0.07	0.07
18/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	7.70	11.11	13.08	1.49	2.14	2.52	2.88	4.21	4.51	0.14	0.21	0.23
24/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	6.77	6.88	6.21	1.31	1.33	1.20	2.31	2.70	2.56	0.12	0.14	0.13
30/12/2000	0.00	0.00	0.00	0.00	0.00	0.00	17.10	16.79	16.84	3.28	3.23	3.24	6.31	6.53	6.14	0.32	0.33	0.31
5/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	6.03	7.52	8.31	1.17	1.45	1.60	2.26	2.88	3.14	0.11	0.14	0.16
11/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	8.81	9.55	9.83	1.70	1.84	1.89	3.00	3.51	3.81	0.15	0.18	0.19
17/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	9.46	9.71	9.29	1.82	1.87	1.79	3.56	3.75	3.49	0.18	0.19	0.17
23/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	10.20	10.40	8.21	1.96	2.00	1.58	4.02	3.55	2.99	0.20	0.18	0.15
29/1/2001	0.00	0.00	0.00	0.00	0.00	0.00	12.05	12.94	11.74	2.32	2.49	2.26	4.47	4.80	4.79	0.22	0.24	0.24
4/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	10.95	11.96	11.21	0.66	0.72	0.67	3.84	3.79	4.15	0.19	0.19	0.21
10/2/2001	0.00	v	0.00	0.00	v	0.00	6.84	v	6.57	0.41	v	0.40	2.80	v	2.48	0.14	v	0.12
16/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	13.38	12.47	11.25	0.80	0.75	0.67	4.23	4.42	4.35	0.21	0.22	0.22
22/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	16.98	15.52	13.40	1.01	0.93	0.80	5.33	5.49	5.23	0.27	0.28	0.26
28/2/2001	0.00	0.00	0.00	0.00	0.00	0.00	18.67	24.45	23.63	1.11	1.46	1.41	6.45	7.73	6.75	0.32	0.39	0.34
6/3/2001	0.01	0.01	0.01	0.00	0.00	0.00	8.65	9.19	7.22	0.52	0.55	0.44	2.93	3.13	2.57	0.15	0.16	0.13
12/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	4.51	4.30	4.16	0.28	0.27	0.26	1.36	1.53	1.56	0.07	0.08	0.08
18/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	12.96	18.21	16.23	0.77	1.09	0.97	4.56	6.03	6.24	0.23	0.30	0.31
24/3/2001	0.00	0.00	0.00	0.00	0.00	0.00	8.74	9.18	7.59	0.53	0.55	0.46	2.79	3.22	2.93	0.14	0.16	0.15
30/3/2001	0.00	0.00	v	0.00	0.00	v	11.42	11.15	v	0.68	0.67	v	3.59	3.91	v	0.18	0.20	v
5/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	3.80	3.64	2.93	0.24	0.23	0.19	1.33	1.26	1.03	0.07	0.06	0.05
11/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	3.09	3.64	2.99	0.20	0.23	0.19	1.06	1.32	1.12	0.05	0.07	0.06
17/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	14.50	14.37	13.03	0.87	0.86	0.78	4.59	4.59	4.73	0.23	0.23	0.24
23/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	10.59	10.78	8.88	0.63	0.65	0.53	3.15	3.42	3.29	0.16	0.17	0.16
29/4/2001	0.00	0.00	0.00	0.00	0.00	0.00	8.99	9.08	8.87	0.54	0.55	0.53	2.83	3.31	3.12	0.14	0.17	0.16
5/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	17.46	14.92	13.46	0.89	0.77	0.69	5.36	4.96	4.49	0.27	0.25	0.23
11/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	6.94	7.59	7.95	0.36	0.39	0.41	2.42	3.01	3.17	0.12	0.15	0.16
17/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	9.92	10.66	7.87	0.51	0.55	0.41	3.13	3.74	3.08	0.16	0.19	0.15
23/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	7.16	10.47	12.23	0.37	0.54	0.63	2.45	3.79	4.12	0.12	0.19	0.21
29/5/2001	0.00	0.00	0.00	0.00	0.00	0.00	20.37	18.80	17.87	1.04	0.96	0.92	5.94	6.32	5.85	0.30	0.32	0.29
4/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	3.11	5.00	4.26	0.17	0.26	0.22	1.14	1.65	1.38	0.06	0.08	0.07
10/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	2.19	3.97	2.92	0.12	0.21	0.16	0.73	1.59	1.04	0.04	0.08	0.05
16/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	2.14	3.04	3.43	0.12	0.16	0.18	0.70	1.17	1.25	0.04	0.06	0.06
22/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	2.31	3.19	3.47	0.13	0.17	0.19	0.84	1.31	1.29	0.04	0.07	0.06
28/6/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.95	2.70	2.30	0.11	0.15	0.13	0.75	1.02	0.84	0.04	0.05	0.04
4/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	14.76	14.74	13.80	0.76	0.76	0.71	5.40	5.47	5.12	0.27	0.27	0.26
10/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	3.37	4.91	4.99	0.18	0.26	0.26	1.17	1.74	1.81	0.06	0.09	0.09
16/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.82	2.96	3.01	0.11	0.16	0.16	0.62	1.23	1.25	0.03	0.06	0.06
22/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	1.27	1.77	1.97	0.08	0.10	0.11	0.40	0.66	0.66	0.02	0.03	0.03
28/7/2001	0.00	0.00	0.00	0.00	0.00	0.00	4.39	5.66	6.19	0.23	0.29	0.32	1.83	2.34	2.52	0.09	0.12	0.13
3/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	3.86	3.77	3.19	0.28	0.27	0.23	1.56	1.63	1.21	0.08	0.08	0.06
9/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	2.70	2.84	2.58	0.20	0.21	0.19	0.99	1.07	0.96	0.05	0.05	0.05
15/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	10.35	10.95	12.49	0.74	0.78	0.89	3.92	4.32	4.82	0.20	0.22	0.24
21/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	11.89	12.35	13.41	0.85	0.88	0.95	3.95	4.91	4.88	0.20	0.25	0.24
27/8/2001	0.00	0.00	0.00	0.00	0.00	0.00	7.11	7.81	9.00	0.51	0.56	0.64	2.80	3.18	2.98	0.14	0.16	0.15
2/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	0.84	1.06	1.44	0.08	0.09	0.11	0.26	0.44	0.45	0.01	0.02	0.02
8/9/2001	v	0.00	0.00	v	0.00	0.00	v	15.62	16.33	v	1.11	1.16	v	6.35	5.70	v	0.32	0.29
14/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	18.16	24.06	22.15	1.29	1.71	1.57	6.95	8.07	8.35	0.35	0.40	0.42
20/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	11.05	11.33	10.97	0.79	0.81	0.78	4.09	3.79	4.10	0.21	0.19	0.21
26/9/2001	0.00	0.00	0.00	0.00	0.00	0.00	15.53	15.93	17.16	1.10	1.13	1.22	6.03	6.71	6.80	0.30	0.34	0.34
2/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	13.81	13.38	12.46	0.98	0.95	0.89	5.09	5.45	4.79	0.26	0.27	0.24
8/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	10.44	12.09	12.64	0.74	0.86	0.90	4.13	4.78	5.14	0.21	0.24	0.26
14/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	6.55	7.12	7.66	0.47	0.51	0.55	2.62	2.96	3.04	0.13	0.15	0.15
20/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	6.10	6.45	7.22	0.44	0.46	0.52	2.16	2.61	2.72	0.11	0.13	0.14
26/10/2001	0.00	0.00	0.00	0.00	0.00	0.00	13.72	13.62	12.53	0.98	0.97	0.89	5.28	5.10	4.60	0.26	0.26	0.23

Remark: V = void sample

Table 9 (Cont'd)

DATE	Teflon filter volume (m3)			Teflon filter volume uncertainty (estimated at 5% of volume)			Teflon Mass concentration			Teflon Mass concentration			Thallium concentration			Thallium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	m3	m3	m3	m3	m3	m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
6/11/2000	24.00	24.10	24.00	1.20	1.21	1.20	35.38	76.60	50.29	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.01	0.01	0.01
12/11/2000	24.00	24.10	24.00	1.20	1.21	1.20	10.13	35.64	15.21	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	24.00	24.10	24.00	1.20	1.21	1.20	21.83	60.17	27.00	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
24/11/2000	24.00	24.10	v	1.20	1.21	v	16.83	60.75	v	-99.00	-99.00	v	0.00	0.00	v	0.00	0.00	v
30/11/2000	24.00	24.10	24.00	1.20	1.21	1.20	25.54	67.26	32.83	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
6/12/2000	24.00	24.10	24.00	1.20	1.21	1.20	32.50	77.84	54.58	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.01	0.01
12/12/2000	24.00	24.10	24.00	1.20	1.21	1.20	14.79	52.12	18.25	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
18/12/2000	24.00	24.10	24.00	1.20	1.21	1.20	22.83	70.79	46.96	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.01
24/12/2000	24.00	24.10	24.00	1.20	1.21	1.20	28.75	65.60	36.96	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.01	0.01	0.01
30/12/2000	24.00	24.10	24.00	1.20	1.21	1.20	60.83	92.90	71.63	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.01	0.01	0.01
5/1/2001	24.00	24.10	24.00	1.20	1.21	1.20	17.83	59.29	31.33	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
11/1/2001	24.00	23.80	24.00	1.20	1.19	1.20	37.17	71.76	57.63	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.01	0.01	0.01
17/1/2001	24.00	24.10	24.00	1.20	1.21	1.20	28.63	62.20	36.00	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
23/1/2001	24.00	24.10	24.00	1.20	1.21	1.20	26.42	58.13	27.67	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
29/1/2001	24.00	24.10	24.00	1.20	1.21	1.20	38.33	60.25	42.67	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
4/2/2001	24.00	24.10	24.00	1.20	1.21	1.20	48.33	75.02	58.33	4.78	5.56	5.05	0.00	0.00	0.00	0.00	0.00	0.00
10/2/2001	24.00	v	24.00	1.20	v	1.20	27.17	v	40.42	4.34	v	4.59	0.00	v	0.00	0.00	v	0.01
16/2/2001	24.00	24.10	24.00	1.20	1.21	1.20	42.13	69.59	45.58	4.63	5.38	4.71	0.00	0.00	0.00	0.00	0.00	0.00
22/2/2001	24.00	24.10	24.00	1.20	1.21	1.20	42.25	83.94	57.08	4.63	5.87	5.02	0.00	0.00	0.00	0.00	0.00	0.00
28/2/2001	24.00	24.10	24.00	1.20	1.21	1.20	68.29	131.41	122.04	5.35	7.75	7.37	0.00	0.00	0.00	0.01	0.01	0.02
6/3/2001	24.00	24.10	24.00	1.20	1.21	1.20	38.75	68.17	37.08	4.56	5.34	4.52	0.00	0.00	0.00	0.00	0.00	0.00
12/3/2001	24.00	24.10	24.00	1.20	1.21	1.20	14.42	44.36	20.92	4.19	4.67	4.26	0.00	0.00	0.00	0.00	0.00	0.00
18/3/2001	24.00	24.10	24.00	1.20	1.21	1.20	29.21	72.95	49.00	4.38	5.49	4.80	0.00	0.00	0.00	0.00	0.01	0.01
24/3/2001	24.00	24.10	24.00	1.20	1.21	1.20	13.83	37.34	23.21	4.18	4.51	4.29	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	24.00	24.10	v	1.20	1.21	v	25.83	56.56	v	4.32	4.99	v	0.00	0.00	v	0.00	0.00	v
5/4/2001	24.00	24.10	24.00	1.20	1.21	1.20	10.17	38.59	15.79	4.16	4.54	4.20	0.00	0.00	0.00	0.00	0.00	0.00
11/4/2001	24.00	24.10	24.00	1.20	1.21	1.20	9.58	33.20	12.71	4.15	4.43	4.17	0.00	0.00	0.00	0.00	0.00	0.00
17/4/2001	24.00	24.10	24.00	1.20	1.21	1.20	39.88	67.22	47.92	4.58	5.31	4.77	0.00	0.00	0.00	0.00	0.00	0.00
23/4/2001	24.00	24.10	24.00	1.20	1.21	1.20	25.96	56.85	29.42	4.32	5.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00
29/4/2001	24.00	24.10	24.00	1.20	1.21	1.20	16.58	42.78	24.83	4.21	4.63	4.31	0.00	0.00	0.00	0.00	0.00	0.00
5/5/2001	24.00	24.10	24.00	1.20	1.21	1.20	33.33	52.99	32.21	4.45	4.89	4.43	0.00	0.00	0.00	0.00	0.00	0.00
11/5/2001	24.00	24.10	24.00	1.20	1.21	1.20	18.00	50.41	28.75	4.22	4.82	4.37	0.00	0.00	0.00	0.00	0.00	0.00
17/5/2001	24.00	24.10	24.00	1.20	1.21	1.20	18.71	57.22	25.75	4.23	5.01	4.32	0.00	0.00	0.00	0.00	0.00	0.00
23/5/2001	24.00	24.10	24.00	1.20	1.21	1.20	15.42	61.16	32.08	4.20	5.12	4.43	0.00	0.00	0.00	0.00	0.00	0.00
29/5/2001	24.00	24.10	24.00	1.20	1.21	1.20	34.25	71.83	39.46	4.47	5.46	4.57	0.00	0.00	0.00	0.00	0.00	0.00
4/6/2001	24.00	24.10	24.00	1.20	1.21	1.20	5.92	29.75	13.67	4.14	4.37	4.18	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	24.00	24.10	24.00	1.20	1.21	1.20	4.58	28.63	13.17	4.13	4.35	4.18	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	24.00	24.10	24.00	1.20	1.21	1.20	5.92	39.29	18.88	4.14	4.55	4.23	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	24.00	24.10	24.00	1.20	1.21	1.20	5.54	48.42	14.13	4.13	4.77	4.19	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	24.00	24.10	24.00	1.20	1.21	1.20	5.04	44.44	13.29	4.13	4.67	4.18	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	24.00	24.10	24.00	1.20	1.21	1.20	43.25	75.06	49.71	4.66	5.56	4.82	0.00	0.00	0.00	0.01	0.01	0.01
10/7/2001	24.00	24.10	24.00	1.20	1.21	1.20	8.04	33.57	19.50	4.14	4.44	4.24	0.00	0.00	0.00	0.00	0.00	0.00
16/7/2001	24.00	24.10	24.00	1.20	1.21	1.20	6.08	41.91	18.46	4.14	4.61	4.23	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	24.00	24.10	24.00	1.20	1.21	1.20	4.21	36.68	12.00	4.13	4.50	4.17	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	24.00	24.10	24.00	1.20	1.21	1.20	10.29	39.59	22.42	4.16	4.56	4.27	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	24.00	24.10	24.00	1.20	1.21	1.20	10.17	50.41	14.46	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	24.00	24.10	24.00	1.20	1.21	1.20	5.21	40.79	11.21	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	24.00	24.10	24.00	1.20	1.21	1.20	20.54	60.50	38.46	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
21/8/2001	24.00	24.00	24.00	1.20	1.20	1.20	20.46	60.63	36.17	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
27/8/2001	24.00	24.10	24.00	1.20	1.21	1.20	16.46	60.62	27.96	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	24.00	24.00	24.00	1.20	1.20	1.20	2.29	41.71	10.83	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	24.00	24.00	v	1.20	1.20	v	70.25	41.04	v	-99.00	-99.00	v	0.00	0.00	v	0.00	0.00
14/9/2001	24.00	24.00	24.00	1.20	1.20	1.20	38.21	97.67	68.54	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
20/9/2001	24.00	24.00	24.00	1.20	1.20	1.20	30.75	59.58	37.13	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
26/9/2001	24.00	24.00	24.00	1.20	1.20	1.20	42.04	69.04	51.04	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.01	0.01
2/10/2001	24.00	24.00	24.00	1.20	1.20	1.20	29.04	53.46	33.83	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/2001	24.00	24.00	24.00	1.20	1.20	1.20	21.96	55.17	34.50	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
14/10/2001	24.00	24.00	24.00	1.20	1.20	1.20	19.21	46.83	26.88	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
20/10/2001	24.00	24.00	24.00	1.20	1.20	1.20	18.21	49.21	26.75	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00
26/10/2001	24.00	24.00	24.00	1.20	1.20	1.20	32.50	62.46	33.50	-99.00	-99.00	-99.00	0.00	0.00	0.00	0.00	0.00	0.00

Remark: V = void sample

Table 9 (Cont'd)

DATE	Tin concentration			Tin concentration uncertainty			Titanium concentration			Titanium concentration			Total Carbon concentration			Total Carbon concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
6/11/2000	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.04	0.04	0.04	11.59	50.67	22.57	0.68	2.83	1.28
12/11/2000	0.00	0.01	0.00	0.02	0.02	0.02	0.00	0.00	0.00	0.04	0.04	0.04	3.69	26.83	6.19	0.30	1.51	0.41
18/11/2000	0.02	0.02	0.03	0.02	0.02	0.02	0.00	0.01	0.00	0.04	0.04	0.04	5.31	42.43	12.73	0.37	2.37	0.74
24/11/2000	0.02	0.02	v	0.02	0.02	v	0.00	0.00	v	0.04	0.04	v	4.79	42.98	v	0.35	2.40	v
30/11/2000	0.02	0.02	0.01	0.01	0.02	0.02	0.00	0.01	0.01	0.04	0.04	0.04	6.10	45.04	15.71	0.41	2.51	0.90
6/12/2000	0.03	0.02	0.04	0.02	0.02	0.02	0.00	0.00	0.01	0.04	0.04	0.04	8.39	48.79	22.20	0.52	2.72	1.26
12/12/2000	0.02	0.01	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.04	0.04	0.04	4.48	40.50	9.21	0.34	2.26	0.56
18/12/2000	0.02	0.04	0.04	0.02	0.02	0.02	0.00	0.00	0.00	0.04	0.04	0.04	6.49	43.82	17.90	0.43	2.45	1.02
24/12/2000	0.03	0.04	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	8.69	43.81	18.23	0.53	2.45	1.04
30/12/2000	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	18.98	48.81	25.44	1.08	2.72	1.43
5/1/2001	0.01	0.01	0.05	0.02	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.03	4.59	39.83	12.79	0.34	2.23	0.75
11/1/2001	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	12.63	44.42	24.28	0.74	2.48	1.37
17/1/2001	0.01	0.03	0.01	0.02	0.01	0.02	0.01	0.02	0.00	0.03	0.03	0.03	7.44	37.62	13.19	0.47	2.10	0.77
23/1/2001	0.01	0.04	0.05	0.02	0.01	0.01	0.00	0.01	0.00	0.03	0.03	0.03	4.84	33.95	11.43	0.35	1.90	0.67
29/1/2001	0.00	0.01	0.01	0.02	0.02	0.02	0.00	0.01	0.00	0.03	0.03	0.03	8.97	32.24	14.62	0.55	1.81	0.84
4/2/2001	0.02	0.03	0.09	0.01	0.01	0.01	0.00	0.00	0.01	0.03	0.03	0.03	17.43	40.32	24.20	1.12	2.54	1.54
10/2/2001	0.01	v	0.01	0.01	v	0.02	0.00	v	0.00	0.03	v	0.03	7.74	v	15.66	0.54	v	1.01
16/2/2001	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	9.89	39.70	16.28	0.67	2.50	1.05
22/2/2001	0.03	0.03	0.04	0.01	0.01	0.01	0.02	0.00	0.01	0.03	0.03	0.03	9.30	48.49	27.15	0.63	3.05	1.72
28/2/2001	0.02	0.05	0.06	0.01	0.01	0.01	0.02	0.04	0.05	0.03	0.02	0.02	20.41	53.87	35.63	1.31	3.38	2.25
6/3/2001	0.02	0.02	0.00	0.01	0.01	0.02	0.07	0.04	0.05	0.02	0.02	0.02	7.35	39.04	12.40	0.52	2.46	0.82
12/3/2001	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.00	0.03	0.03	0.03	4.21	34.64	10.81	0.35	2.19	0.72
18/3/2001	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.03	0.03	0.03	6.38	34.72	14.82	0.46	2.19	0.96
24/3/2001	0.00	0.02	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.03	0.03	0.03	2.92	24.00	11.48	0.29	1.53	0.76
30/3/2001	0.02	0.01	v	0.01	0.02	v	0.02	0.01	v	0.03	0.03	v	5.54	34.12	v	0.42	2.15	v
5/4/2001	0.02	0.07	0.06	0.01	0.01	0.01	0.00	0.01	0.00	0.03	0.03	0.03	2.91	31.55	9.40	0.29	1.99	0.64
11/4/2001	0.00	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.03	0.03	0.03	4.24	26.90	6.96	0.35	1.71	0.50
17/4/2001	0.01	0.01	0.02	0.01	0.02	0.01	0.04	0.03	0.02	0.02	0.02	0.02	7.88	33.81	17.67	0.55	2.13	1.14
23/4/2001	0.02	0.02	0.04	0.01	0.01	0.01	0.02	0.00	0.00	0.03	0.03	0.03	4.65	33.90	9.69	0.37	2.14	0.65
29/4/2001	0.01	0.00	0.01	0.02	0.02	0.02	0.00	0.01	0.01	0.03	0.03	0.03	4.39	28.80	11.80	0.36	1.82	0.78
5/5/2001	0.01	0.00	0.00	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.03	0.02	4.12	29.52	10.33	0.35	1.87	0.69
11/5/2001	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.03	0.03	4.43	33.85	12.87	0.36	2.14	0.84
17/5/2001	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.03	3.19	38.95	13.98	0.31	2.45	0.91
23/5/2001	0.00	0.01	0.02	0.02	0.02	0.01	0.00	0.02	0.00	0.03	0.03	0.03	3.76	41.95	13.18	0.33	2.64	0.86
29/5/2001	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.03	0.03	0.03	4.96	39.74	11.51	0.39	2.50	0.76
4/6/2001	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.01	0.00	0.03	0.03	0.03	1.21	20.80	8.59	0.24	1.33	0.59
10/6/2001	0.00	0.01	0.00	0.02	0.02	0.02	0.00	0.01	0.00	0.03	0.03	0.03	1.46	21.33	8.76	0.25	1.36	0.60
16/6/2001	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.03	0.03	0.03	1.62	31.77	11.62	0.25	2.01	0.77
22/6/2001	0.01	0.01	0.01	0.02	0.01	0.02	0.00	0.01	0.01	0.03	0.03	0.03	2.06	41.80	10.68	0.26	2.63	0.72
28/6/2001	0.00	0.01	0.00	0.02	0.01	0.02	0.00	0.01	0.01	0.03	0.03	0.03	1.30	39.43	9.63	0.24	2.48	0.65
4/7/2001	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.03	0.02	0.02	0.02	0.03	14.81	43.03	19.92	0.96	2.71	1.28
10/7/2001	0.00	0.00	0.01	0.02	0.02	0.02	0.00	0.00	0.01	0.03	0.03	0.03	1.69	24.21	9.88	0.25	1.54	0.67
16/7/2001	0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.00	0.01	0.03	0.03	0.03	2.08	34.43	13.48	0.26	2.17	0.88
22/7/2001	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.01	0.03	0.03	0.03	1.15	31.37	8.64	0.24	1.98	0.60
28/7/2001	0.00	0.02	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.03	0.03	0.03	1.70	28.38	12.10	0.25	1.80	0.80
3/8/2001	0.01	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.01	0.03	0.03	0.03	2.75	40.87	8.94	0.30	2.29	0.56
9/8/2001	0.00	0.01	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.03	0.03	0.03	1.13	37.47	7.21	0.26	2.10	0.48
15/8/2001	0.02	0.01	0.02	0.01	0.02	0.01	0.00	0.01	0.00	0.03	0.03	0.03	3.88	39.30	16.93	0.33	2.20	0.98
21/8/2001	0.01	0.02	0.01	0.02	0.01	0.02	0.00	0.00	0.00	0.03	0.03	0.03	3.88	39.09	14.80	0.33	2.19	0.86
27/8/2001	0.00	0.02	0.01	0.02	0.01	0.02	0.00	0.02	0.01	0.03	0.03	0.03	4.52	41.88	12.85	0.36	2.35	0.76
2/9/2001	0.00	0.06	0.05	0.02	0.01	0.01	0.00	0.00	0.00	0.03	0.03	0.03	0.74	38.20	8.00	0.25	2.14	0.52
8/9/2001	v	0.02	0.02	v	0.01	0.01	v	0.01	0.00	v	0.03	0.03	v	39.04	11.63	v	2.19	0.70
14/9/2001	0.01	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	7.89	50.01	21.73	0.51	2.79	1.24
20/9/2001	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.03	0.03	0.03	8.25	32.75	14.67	0.53	1.84	0.86
26/9/2001	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.00	0.03	0.03	0.03	10.79	35.27	17.17	0.65	1.98	0.99
2/10/2001	0.00	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.01	0.03	0.03	0.03	5.17	30.17	10.18	0.38	1.70	0.62
8/10/2001	0.00	0.03	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.03	0.03	0.03	3.41	32.09	12.11	0.32	1.81	0.72
14/10/2001	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.01	0.03	0.03	0.03	4.64	29.25	10.10	0.36	1.65	0.62
20/10/2001	0.01	0.00	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.03	0.03	0.03	3.24	31.18	11.08	0.31	1.76	0.67
26/10/2001	0.01	0.02	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.03	0.03	0.03	5.48	35.01	11.34	0.40	1.97	0.68

Remark: V = void sample

Table 9 (Cont'd)

DATE	Zinc concentration			Zinc concentration uncertainty			Zirconium concentration			Zirconium concentration		
	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan	Hok Tsui	Mong Kok	Tsuen Wan
	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
6/11/2000	0.36	0.41	0.55	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00
12/11/2000	0.06	0.10	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18/11/2000	0.11	0.18	0.16	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
24/11/2000	0.08	0.17	v	0.00	0.01	v	0.00	0.00	v	0.00	0.00	v
30/11/2000	0.07	0.18	0.14	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
6/12/2000	0.18	0.26	0.27	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
12/12/2000	0.06	0.10	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18/12/2000	0.12	0.24	0.25	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
24/12/2000	0.20	0.27	0.24	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
30/12/2000	0.39	0.48	0.37	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
5/1/2001	0.06	0.15	0.11	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
11/1/2001	0.21	0.29	0.35	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
17/1/2001	0.08	0.15	0.11	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
23/1/2001	0.04	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29/1/2001	0.10	0.12	0.11	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
4/2/2001	0.18	0.22	0.24	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
10/2/2001	0.25	v	0.25	0.01	v	0.01	0.00	v	0.00	0.00	v	0.00
16/2/2001	0.21	0.34	0.20	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
22/2/2001	0.17	0.23	0.21	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
28/2/2001	0.48	0.79	0.81	0.02	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
6/3/2001	0.14	0.20	0.14	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
12/3/2001	0.13	0.17	0.15	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
18/3/2001	0.16	0.36	0.32	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
24/3/2001	0.01	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30/3/2001	0.14	0.19	v	0.01	0.01	v	0.00	0.00	v	0.00	0.00	v
5/4/2001	0.03	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/4/2001	0.06	0.11	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17/4/2001	0.18	0.19	0.22	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
23/4/2001	0.09	0.13	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29/4/2001	0.02	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/5/2001	0.04	0.11	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/5/2001	0.12	0.20	0.16	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
17/5/2001	0.06	0.13	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23/5/2001	0.05	0.10	0.10	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
29/5/2001	0.14	0.19	0.15	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
4/6/2001	0.00	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2001	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16/6/2001	0.00	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22/6/2001	0.01	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28/6/2001	0.00	0.06	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/7/2001	0.39	0.41	0.45	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
10/7/2001	0.00	0.05	0.93	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
16/7/2001	0.01	0.10	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22/7/2001	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28/7/2001	0.01	0.06	0.16	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2001	0.02	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/8/2001	0.00	0.10	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15/8/2001	0.06	0.14	0.16	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
21/8/2001	0.04	0.14	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27/8/2001	0.09	0.16	0.11	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2001	0.00	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/9/2001	v	0.25	0.12	v	0.01	0.01	v	0.00	0.00	v	0.00	0.00
14/9/2001	0.15	0.37	0.25	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20/9/2001	0.21	0.28	0.23	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
26/9/2001	0.19	0.26	0.21	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2/10/2001	0.08	0.12	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/10/2001	0.05	0.13	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14/10/2001	0.10	0.14	0.12	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20/10/2001	0.10	0.19	0.14	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
26/10/2001	0.11	0.18	0.27	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

Remark: V = void sample

Table 10. OC, EC, TC concentrations at each site (Analysis performed by DRI)

Average Conc µg/m ³	Hok Tsui				Mong Kok				Tsuen Wan			
MONTH	Elemental Carbon	Organic Carbon	QMA Mass	Total Carbon	Elemental Carbon	Organic Carbon	QMA Mass	Total Carbon	Elemental Carbon	Organic Carbon	QMA Mass	Total Carbon
Nov., 2000	1.59	4.70	22.48	6.30	21.85	19.74	63.78	41.59	4.45	9.85	33.34	14.30
Dec., 2000	1.78	7.62	32.91	9.40	19.71	25.44	76.14	45.15	5.20	13.40	47.06	18.60
Jan., 2001	1.64	6.06	31.00	7.70	17.67	19.94	66.32	37.61	4.33	10.93	40.67	15.26
Feb., 2001	2.86	10.09	46.12	12.95	16.23	29.37	93.26	45.59	5.96	17.82	65.24	23.78
Mar., 2001	1.78	3.49	25.07	5.28	19.25	14.06	59.54	33.31	4.64	7.73	35.27	12.38
Apr., 2001	1.90	2.91	21.77	4.81	19.92	11.07	51.38	30.99	5.25	5.86	27.90	11.10
May, 2001	1.65	2.44	27.40	4.09	23.32	13.49	62.83	36.80	5.78	6.60	36.11	12.38
Jun., 2001	0.53	1.00	10.25	1.53	21.10	9.93	43.63	31.02	5.91	3.95	20.22	9.86
Jul., 2001	1.10	3.20	19.22	4.29	18.88	13.41	50.73	32.28	5.96	6.86	30.44	12.80
Aug., 2001	1.37	1.93	18.01	3.23	24.59	15.20	59.25	39.72	5.97	6.25	30.31	12.15
Sep., 2001	2.62	4.36	31.51	6.92	19.98	19.14	71.83	39.05	6.46	8.25	45.24	14.64
Oct., 2001	1.54	2.91	25.58	4.39	20.15	11.45	57.47	31.54	4.22	6.81	34.37	10.96

Table 11. A summary of major ions, OC and EC at each sampling site (Analysis performed by DRI)

Average Conc $\mu\text{g}/\text{m}^3$		Hok Tsui						Mong Kok						Tsuen Wan					
YEAR	MONTH	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	QMA Mass	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	QMA Mass	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	QMA Mass
2000	11	1.29	0.74	6.22	1.59	4.70	22.48	2.08	1.32	6.61	21.85	19.74	63.78	1.90	0.95	6.78	4.45	9.85	33.34
	12	2.60	0.69	9.37	1.78	7.62	32.91	3.64	2.08	10.15	19.71	25.44	76.14	3.62	2.02	10.52	5.20	13.40	47.06
2001	1	2.78	0.97	9.31	1.64	6.06	31.00	3.84	2.37	10.03	17.67	19.94	66.32	3.47	1.86	9.48	4.33	10.93	40.67
	2	4.52	3.02	13.36	2.86	10.09	46.12	6.79	5.34	16.10	16.23	29.37	93.26	5.89	4.87	13.21	5.96	17.82	65.24
	3	2.12	0.86	9.26	1.78	3.49	25.07	3.24	2.06	10.40	19.25	14.06	59.54	2.73	1.65	8.80	4.64	7.73	35.27
	4	1.76	0.62	8.19	1.90	2.91	21.77	2.54	1.96	8.30	19.92	11.07	51.38	2.09	1.14	7.34	5.25	5.86	27.90
	5	2.58	0.20	12.37	1.65	2.44	27.40	3.58	1.31	12.49	23.32	13.49	62.83	3.26	0.74	11.88	5.78	6.60	36.11
	6	0.20	0.26	2.34	0.53	1.00	10.25	0.94	0.50	3.58	21.10	9.93	43.63	0.69	0.42	3.28	5.91	3.95	20.22
	7	1.03	0.36	5.12	1.10	3.20	19.22	1.66	0.72	6.01	18.88	13.41	50.73	1.45	0.61	5.99	5.96	6.86	30.44
	8	1.69	0.16	7.18	1.37	1.93	18.01	2.50	0.71	7.55	24.59	15.20	59.25	2.53	0.52	8.13	5.97	6.25	30.31
	9	3.17	0.20	11.40	2.62	4.36	31.51	4.71	1.05	13.60	19.98	19.14	71.83	4.50	0.62	13.61	6.46	8.25	45.24
	10	2.36	0.31	10.12	1.54	2.91	25.58	3.28	1.15	10.53	20.15	11.45	57.47	3.19	0.70	10.50	4.22	6.81	34.37

Table 12. Elements data summary at each site (Analysis performed by DRI)

Concentration µg/m ³	Hok Tsui			Mong Kok			Tsuen Wan		
	Calcium	Iron	Silicon	Calcium	Iron	Silicon	Calcium	Iron	Silicon
2000/11/6	0.14	0.17	0.38	0.19	0.34	0.57	0.15	0.34	0.52
2000/11/12	0.03	0.04	0.09	0.07	0.15	0.16	0.03	0.06	0.10
2000/11/18	0.08	0.07	0.22	0.11	0.23	0.33	0.05	0.10	0.22
2000/11/24	0.06	0.05	0.20	0.14	0.23	0.32	v	v	v
2000/11/30	0.11	0.09	0.30	0.20	0.23	0.43	0.12	0.16	0.32
2000/12/6	0.11	0.14	0.46	0.18	0.27	0.55	0.12	0.22	0.47
2000/12/12	0.03	0.04	0.14	0.10	0.19	0.23	0.02	0.06	0.12
2000/12/18	0.05	0.07	0.22	0.13	0.24	0.41	0.09	0.16	0.35
2000/12/24	0.20	0.19	0.63	0.23	0.44	0.65	0.16	0.25	0.62
2000/12/30	0.20	0.27	0.71	0.23	0.40	0.73	0.17	0.32	0.67
2001/1/5	0.08	0.10	0.35	0.16	0.27	0.48	0.10	0.15	0.37
2001/1/11	0.04	0.09	0.27	0.12	0.27	0.34	0.10	0.25	0.38
2001/1/17	0.13	0.16	0.44	0.23	0.36	0.59	0.18	0.25	0.54
2001/1/23	0.05	0.05	0.15	0.09	0.13	0.17	0.06	0.07	0.13
2001/1/29	0.18	0.19	0.42	0.17	0.33	0.46	0.14	0.21	0.45
2001/2/4	0.06	0.15	0.24	0.10	0.29	0.29	0.06	0.18	0.28
2001/2/10	0.07	0.09	0.25	v	v	v	0.08	0.18	0.34
2001/2/16	0.29	0.29	0.91	0.34	0.46	0.96	0.25	0.30	0.79
2001/2/22	0.19	0.18	0.56	0.25	0.36	0.68	0.22	0.31	0.63
2001/2/28	0.12	0.37	0.65	0.29	0.74	1.13	0.33	0.77	1.33
2001/3/6	0.80	0.71	2.17	0.79	0.77	2.08	0.86	0.76	2.25
2001/3/12	0.10	0.10	0.36	0.15	0.24	0.46	0.10	0.15	0.38
2001/3/18	0.08	0.12	0.30	0.22	0.42	0.62	0.16	0.27	0.52
2001/3/24	0.02	0.02	0.05	0.09	0.14	0.17	0.11	0.11	0.14
2001/3/30	0.17	0.20	0.63	0.27	0.33	0.75	v	v	v
2001/4/5	0.03	0.04	0.14	0.08	0.14	0.19	0.04	0.06	0.10
2001/4/11	0.03	0.05	0.10	0.09	0.18	0.21	0.05	0.07	0.14
2001/4/17	0.35	0.54	1.69	0.35	0.53	1.37	0.35	0.53	1.33
2001/4/23	0.12	0.18	0.56	0.18	0.29	0.70	0.13	0.21	0.61
2001/4/29	0.02	0.03	0.11	0.08	0.12	0.22	0.08	0.10	0.19
2001/5/5	0.27	0.42	1.18	0.24	0.39	0.91	0.19	0.31	0.78
2001/5/11	0.10	0.11	0.38	0.15	0.27	0.50	0.09	0.17	0.38
2001/5/17	0.06	0.06	0.21	0.16	0.22	0.42	0.08	0.11	0.25
2001/5/23	0.07	0.08	0.26	0.17	0.24	0.51	0.10	0.14	0.33
2001/5/29	0.13	0.18	0.51	0.21	0.32	0.72	0.15	0.22	0.49
2001/6/4	0.03	0.01	0.07	0.09	0.13	0.24	0.06	0.08	0.10
2001/6/10	0.02	0.00	0.01	0.06	0.10	0.15	0.05	0.04	0.06
2001/6/16	0.04	0.02	0.08	0.12	0.18	0.29	0.12	0.14	0.19
2001/6/22	0.02	0.01	0.03	0.11	0.17	0.25	0.04	0.06	0.07
2001/6/28	0.03	0.02	0.07	0.13	0.18	0.29	0.07	0.08	0.13
2001/7/4	0.16	0.25	0.68	0.25	0.42	0.82	0.20	0.30	0.75
2001/7/10	0.07	0.05	0.15	0.13	0.14	0.26	0.15	0.19	0.21
2001/7/16	0.07	0.07	0.20	0.17	0.24	0.40	0.12	0.16	0.28
2001/7/22	0.04	0.01	0.04	0.10	0.13	0.20	0.06	0.07	0.09
2001/7/28	0.07	0.05	0.13	0.15	0.20	0.30	0.17	0.17	0.24
2001/8/3	0.02	0.02	0.08	0.11	0.18	0.27	0.04	0.07	0.10
2001/8/9	0.01	0.01	0.02	0.10	0.16	0.24	0.03	0.05	0.05
2001/8/15	0.03	0.04	0.11	0.11	0.19	0.31	0.08	0.13	0.19
2001/8/21	0.03	0.03	0.08	0.11	0.18	0.30	0.08	0.12	0.19
2001/8/27	0.03	0.05	0.15	0.22	0.25	0.40	0.05	0.09	0.20
2001/9/2	0.01	0.01	0.02	0.09	0.13	0.21	0.03	0.04	0.05
2001/9/8	v	v	v	0.14	0.25	0.39	0.09	0.14	0.26
2001/9/14	0.08	0.13	0.23	0.19	0.37	0.51	0.13	0.23	0.43
2001/9/20	0.07	0.14	0.28	0.18	0.30	0.47	0.10	0.17	0.32
2001/9/26	0.11	0.16	0.31	0.16	0.26	0.46	0.13	0.21	0.40
2001/10/2	0.08	0.10	0.29	0.14	0.23	0.39	0.10	0.13	0.30
2001/10/8	0.07	0.06	0.19	0.12	0.17	0.30	0.09	0.15	0.19
2001/10/14	0.08	0.08	0.26	0.13	0.20	0.40	0.10	0.12	0.31
2001/10/20	0.11	0.10	0.32	0.18	0.25	0.47	0.12	0.16	0.38
2001/10/26	0.17	0.18	0.55	0.22	0.35	0.57	0.14	0.19	0.42

Remark: V = void sample

Table 13. Elements data summary by month at each site (Analysis performed by DRI)

Concentration µg/m ³		Hok Tsui			Mong Kok			Tsuen Wan		
YEAR	MONTH	Calcium	Iron	Silicon	Calcium	Iron	Silicon	Calcium	Iron	Silicon
2000	11	0.08	0.08	0.24	0.14	0.24	0.36	0.09	0.17	0.29
	12	0.12	0.14	0.43	0.17	0.31	0.51	0.11	0.20	0.45
2001	1	0.10	0.12	0.32	0.15	0.27	0.41	0.12	0.19	0.37
	2	0.15	0.22	0.52	0.24	0.46	0.77	0.19	0.35	0.67
	3	0.24	0.23	0.70	0.30	0.38	0.82	0.31	0.32	0.83
	4	0.11	0.17	0.52	0.16	0.25	0.54	0.13	0.19	0.47
	5	0.13	0.17	0.51	0.18	0.29	0.61	0.12	0.19	0.45
	6	0.03	0.01	0.05	0.10	0.15	0.24	0.07	0.08	0.11
	7	0.08	0.09	0.24	0.16	0.22	0.40	0.14	0.18	0.32
	8	0.03	0.03	0.09	0.13	0.19	0.30	0.06	0.09	0.15
	9	0.07	0.11	0.21	0.15	0.26	0.41	0.10	0.16	0.29
	10	0.10	0.10	0.32	0.16	0.24	0.43	0.11	0.15	0.32

Table 14. OC, EC, TC data at each site (analysis performed by DRI)

Species Concentration $\mu\text{g}/\text{m}^3$	Hok Tsui					Mong Kok					Tsuen Wan				
	Elemental Carbon	Organic Carbon	QMA Mass	Teflon Mass	Total Carbon	Elemental Carbon	Organic Carbon	QMA Mass	Teflon Mass	Total Carbon	Elemental Carbon	Organic Carbon	QMA Mass	Teflon Mass	Total Carbon
2000/11/6	2.26	9.33	35.63	35.38	11.59	22.93	27.75	79.71	76.60	50.67	6.20	16.37	51.70	50.29	22.57
2000/11/12	1.32	2.38	10.13	10.13	3.69	16.64	10.19	38.25	35.64	26.83	2.56	3.63	16.27	15.21	6.19
2000/11/18	1.49	3.82	22.75	21.83	5.31	22.89	19.54	63.88	60.17	42.43	3.94	8.79	29.25	27.00	12.73
2000/11/24	1.31	3.47	17.58	16.83	4.79	23.09	19.89	64.33	60.75	42.98	v	v	v	v	
2000/11/30	1.59	4.51	26.29	25.54	6.10	23.71	21.33	72.75	67.26	45.04	5.10	10.61	36.14	32.83	15.71
2000/12/6	1.50	6.88	34.04	32.50	8.39	20.68	28.12	83.25	77.84	48.79	7.67	14.53	57.01	54.58	22.20
2000/12/12	1.44	3.04	16.04	14.79	4.48	21.55	18.95	55.63	52.12	40.50	3.46	5.75	18.96	18.25	9.21
2000/12/18	1.77	4.72	22.63	22.83	6.49	19.50	24.33	76.04	70.79	43.82	4.69	13.21	49.25	46.96	17.90
2000/12/24	1.63	7.06	29.46	28.75	8.69	20.96	22.85	69.08	65.60	43.81	4.51	13.72	38.51	36.96	18.23
2000/12/30	2.55	16.42	62.38	60.83	18.98	15.87	32.93	96.71	92.90	48.81	5.66	19.78	71.58	71.63	25.44
2001/1/5	1.30	3.29	18.83	17.83	4.59	21.28	18.56	64.13	59.29	39.83	4.12	8.67	33.49	31.33	12.79
2001/1/11	2.55	10.08	39.42	37.17	12.63	18.44	25.98	77.30	71.76	44.42	6.14	18.14	59.71	57.63	24.28
2001/1/17	1.42	6.02	29.92	28.63	7.44	18.76	18.87	65.58	62.20	37.62	3.58	9.61	37.14	36.00	13.19
2001/1/23	1.50	3.35	28.04	26.42	4.84	16.85	17.09	61.79	58.13	33.95	4.56	6.87	29.63	27.67	11.43
2001/1/29	1.40	7.57	38.79	38.33	8.97	13.03	19.22	62.79	60.25	32.24	3.24	11.38	43.40	42.67	14.62
2001/2/4	4.56	12.87	48.33	48.33	17.43	15.18	25.14	75.79	75.02	40.32	6.34	17.86	57.97	58.33	24.20
2001/2/10	1.58	6.16	28.04	27.17	7.74	v	v	v	v	v	3.37	12.29	42.53	40.42	15.66
2001/2/16	1.58	8.32	42.42	42.13	9.89	18.25	21.44	73.29	69.59	39.70	4.34	11.94	46.76	45.58	16.28
2001/2/22	2.83	6.47	41.92	42.25	9.30	20.35	28.14	89.46	83.94	48.49	9.54	17.61	59.83	57.08	27.15
2001/2/28	3.77	16.64	69.88	68.29	20.41	11.11	42.76	134.50	131.41	53.87	6.23	29.40	119.13	122.04	35.63
2001/3/6	1.81	5.54	36.17	38.75	7.35	24.11	14.93	72.50	68.17	39.04	4.48	7.92	40.00	37.08	12.40
2001/3/12	1.46	2.74	15.67	14.42	4.21	21.18	13.45	47.79	44.36	34.64	4.24	6.56	23.94	20.92	10.81
2001/3/18	2.43	3.94	31.21	29.21	6.38	12.30	22.42	77.21	72.95	34.72	4.26	10.56	51.49	49.00	14.82
2001/3/24	1.30	1.62	15.63	13.83	2.92	17.05	6.95	39.83	37.34	24.00	5.59	5.89	25.64	23.21	11.48
2001/3/30	1.92	3.62	26.67	25.83	5.54	21.58	12.54	60.38	56.56	34.12	v	v	v	v	v
2001/4/5	1.00	1.90	10.42	10.17	2.91	20.48	11.07	42.21	38.59	31.55	4.50	4.90	17.88	15.79	9.40
2001/4/11	2.01	2.23	10.79	9.58	4.24	16.38	10.53	35.83	33.20	26.90	3.64	3.32	14.81	12.71	6.96
2001/4/17	3.03	4.85	39.96	39.88	7.88	21.10	12.71	70.71	67.22	33.81	7.80	9.87	48.59	47.92	17.67
2001/4/23	1.51	3.14	26.67	25.96	4.65	21.56	12.34	59.88	56.85	33.90	4.30	5.39	29.75	29.42	9.69
2001/4/29	1.95	2.45	21.00	16.58	4.39	20.09	8.71	48.29	42.78	28.80	5.99	5.81	28.46	24.83	11.80
2001/5/5	1.94	2.19	34.46	33.33	4.12	19.50	10.03	57.50	52.99	29.52	5.24	5.10	37.63	32.21	10.33
2001/5/11	1.43	3.00	20.92	18.00	4.43	21.60	12.27	54.54	50.41	33.85	6.02	6.85	33.69	28.75	12.87
2001/5/17	1.39	1.81	22.25	18.71	3.19	23.61	15.35	61.33	57.22	38.95	6.29	7.70	29.92	25.75	13.98
2001/5/23	1.64	2.12	19.17	15.42	3.76	27.40	14.56	65.21	61.16	41.95	6.27	6.92	36.18	32.08	13.18
2001/5/29	1.87	3.10	40.21	34.25	4.96	24.49	15.26	75.54	71.83	39.74	5.08	6.44	43.11	39.46	11.51
2001/6/4	0.52	0.70	10.17	5.92	1.21	14.78	6.02	32.08	29.75	20.80	5.65	2.94	18.13	13.67	8.59
2001/6/10	0.59	0.87	9.54	4.58	1.46	14.58	6.77	33.63	28.63	21.33	5.76	3.01	18.30	13.17	8.76
2001/6/16	0.47	1.15	10.63	5.92	1.62	20.77	11.02	45.21	39.29	31.77	6.24	5.38	23.90	18.88	11.62
2001/6/22	0.70	1.38	11.67	5.54	2.06	28.96	12.84	56.00	48.42	41.80	6.08	4.61	21.41	14.13	10.68
2001/6/28	0.40	0.90	9.25	5.04	1.30	26.44	12.99	51.25	44.44	39.43	5.83	3.80	19.34	13.29	9.63
2001/7/4	3.00	11.82	50.58	43.25	14.81	12.35	30.68	82.46	75.06	43.03	4.89	15.04	56.64	49.71	19.92
2001/7/10	0.60	1.10	12.42	8.04	1.69	14.87	9.34	38.08	33.57	24.21	4.51	5.37	26.31	19.50	9.88
2001/7/16	0.85	1.23	11.25	6.08	2.08	24.07	10.36	47.71	41.91	34.43	7.80	5.69	24.40	18.46	13.48
2001/7/22	0.40	0.75	9.33	4.21	1.15	22.56	8.82	42.33	36.68	31.37	5.34	3.30	18.71	12.00	8.64
2001/7/28	0.64	1.07	12.50	10.29	1.70	20.55	7.84	43.08	39.59	28.38	7.23	4.88	26.14	22.42	12.10
2001/8/3	1.17	1.65	12.54	10.17	2.75	24.42	16.51	56.04	50.41	40.87	6.05	2.95	18.55	14.46	8.94
2001/8/9	0.53	0.66	8.25	5.21	1.13	26.45	11.09	44.88	40.79	37.47	4.55	2.73	15.73	11.21	7.21
2001/8/15	1.70	2.24	24.08	20.54	3.88	21.56	17.81	65.42	60.50	39.30	4.92	12.07	42.99	38.46	16.93
2001/8/21	1.51	2.44	24.67	20.46	3.88	26.76	12.40	64.50	60.63	39.09	6.87	7.99	41.99	36.17	14.80
2001/8/27	1.94	2.65	20.50	16.46	4.52	23.74	18.21	65.42	60.62	41.88	7.43	5.49	32.29	27.96	12.85
2001/9/2	0.41	0.40	5.75	2.29	0.74	26.62	11.65	46.00	41.71	38.20	4.83	3.24	14.23	10.83	8.00
2001/9/8	v	v	v	v	v	22.42	16.69	73.63	70.25	39.04	7.17	4.53	44.15	41.04	11.63
2001/9/14	4.15	3.80	42.46	38.21	7.89	20.55	29.53	102.71	97.67	50.01	5.65	16.15	72.90	68.54	21.73
2001/9/20	2.77	5.55	32.83	30.75	8.25	11.98	20.84	63.21	59.58	32.75	7.59	7.14	40.79	37.13	14.67
2001/9/26	3.16	7.69	45.00	42.04	10.79	18.33	17.01	73.63	69.04	35.27	7.05	10.19	54.15	51.04	17.17
2001/10/2	2.16	3.08	31.63	29.04	5.17	15.27	14.96	57.29	53.46	30.17	3.95	6.30	37.14	33.83	10.18
2001/10/8	1.19	2.29	24.63	21.96	3.41	23.03	9.13	60.38	55.17	32.09	4.84	7.34	38.51	34.50	12.11
2001/10/14	1.53	3.18	19.79	19.21	4.64	19.51	9.80	49.71	46.83	29.25	2.61	7.56	29.67	26.88	10.10
2001/10/20	0.90	2.41	17.50	18.21	3.24	19.36	11.88	52.05	49.21	31.18	4.44	6.71	29.50	26.75	11.08
2001/10/26	1.94	3.61	34.38	32.50	5.48	23.60	11.48	67.95	62.46	35.01	5.24	6.17	37.01	33.50	11.34

Remark: V = void sample

Table 15. OC, EC concentrations determined by TOR (Analysis performed by DRI) and TOT (Analysis performed by HKG Lab) methods at each site

SITE	TOR Concentration $\mu\text{g}/\text{m}^3$						TOT Concentration $\mu\text{g}/\text{m}^3$					
	HT		MK		TW		HT		MK		TW	
DATE	ECTC	OCTC	ECTC	OCTC	ECTC	OCTC	ECTC	OCTC	ECTC	OCTC	ECTC	OCTC
2000/11/6	2.26	9.33	22.93	27.75	6.20	16.37	3.10	7.70	26.00	24.00	10.00	14.00
2000/11/12	1.32	2.38	16.64	10.19	2.56	3.63	1.10	2.00	16.00	9.70	2.50	3.30
2000/11/18	1.49	3.82	22.89	19.54	3.94	8.79	1.30	3.50	25.00	18.00	5.20	6.90
2000/11/24	1.31	3.47	23.09	19.89	v	v	1.30	3.20	26.00	17.00	v	v
2000/11/30	1.59	4.51	23.71	21.33	5.10	10.61	1.40	3.80	24.00	19.00	7.00	7.80
2000/12/6	1.50	6.88	20.68	28.12	7.67	14.53	1.90	5.40	24.00	23.00	8.10	13.00
2000/12/12	1.44	3.04	21.55	18.95	3.46	5.75	1.30	2.90	25.00	16.00	4.40	4.90
2000/12/18	1.77	4.72	19.50	24.33	4.69	13.21	1.90	4.20	22.00	21.00	7.40	11.00
2000/12/24	1.63	7.06	20.96	22.85	4.51	13.72	2.50	6.30	25.00	20.00	7.10	10.00
2000/12/30	2.55	16.42	15.87	32.93	5.66	19.78	5.00	13.00	21.00	26.00	7.70	17.00
2001/1/5	1.30	3.29	21.28	18.56	4.12	8.67	1.10	2.90	23.00	17.00	5.60	7.00
2001/1/11	2.55	10.08	18.44	25.98	6.14	18.14	3.70	8.50	18.00	25.00	8.70	15.00
2001/1/17	1.42	6.02	18.76	18.87	3.58	9.61	1.90	4.90	20.00	18.00	5.40	7.50
2001/1/23	1.50	3.35	16.85	17.09	4.56	6.87	1.40	3.60	19.00	15.00	4.60	5.30
2001/1/29	1.40	7.57	13.03	19.22	3.24	11.38	2.30	6.60	16.00	16.00	4.90	9.00
2001/2/4	4.56	12.87	15.18	25.14	6.34	17.86	4.60	12.00	12.00	23.00	6.40	16.00
2001/2/10	1.58	6.16	v	v	3.37	12.29	1.20	6.10	v	v	3.80	11.00
2001/2/16	1.58	8.32	18.25	21.44	4.34	11.94	1.40	7.80	15.00	20.00	4.40	11.00
2001/2/22	2.83	6.47	20.35	28.14	9.54	17.61	1.70	6.30	19.00	23.00	9.00	15.00
2001/2/28	3.77	16.64	11.11	42.76	6.23	29.40	4.90	14.00	14.00	35.00	8.00	24.00
2001/3/6	1.81	5.54	24.11	14.93	4.48	7.92	1.30	5.20	18.00	17.00	4.60	6.60
2001/3/12	1.46	2.74	21.18	13.45	4.24	6.56	0.98	2.90	17.00	14.00	3.90	6.10
2001/3/18	2.43	3.94	12.30	22.42	4.26	10.56	1.80	4.30	14.00	19.00	4.30	9.40
2001/3/24	1.30	1.62	17.05	6.95	5.59	5.89	0.80	2.10	14.00	8.20	5.00	5.20
2001/3/30	1.92	3.62	21.58	12.54	v	v	0.87	3.70	17.00	15.00	v	v
2001/4/5	1.00	1.90	20.48	11.07	4.50	4.90	0.55	1.70	17.00	12.00	3.30	5.20
2001/4/11	2.01	2.23	16.38	10.53	3.64	3.32	1.30	2.20	14.00	9.90	2.80	3.70
2001/4/17	3.03	4.85	21.10	12.71	7.80	9.87	1.60	5.00	15.00	16.00	7.00	9.80
2001/4/23	1.51	3.14	21.56	12.34	4.30	5.39	0.80	3.20	16.00	15.00	3.90	5.60
2001/4/29	1.95	2.45	20.09	8.71	5.99	5.81	1.10	2.80	17.00	10.00	5.20	5.60
2001/5/5	1.94	2.19	19.50	10.03	5.24	5.10	0.85	2.70	14.00	13.00	5.50	5.20
2001/5/11	1.43	3.00	21.60	12.27	6.02	6.85	0.55	3.50	18.00	14.00	4.90	7.50
2001/5/17	1.39	1.81	23.61	15.35	6.29	7.70	0.74	2.60	15.00	20.00	5.40	5.90
2001/5/23	1.64	2.12	27.40	14.56	6.27	6.92	0.90	2.60	18.00	20.00	5.20	6.90
2001/5/29	1.87	3.10	24.49	15.26	5.08	6.44	0.95	4.10	18.00	31.00	3.80	6.90
2001/6/4	0.52	0.70	14.78	6.02	5.65	2.94	0.00	0.87	14.00	5.30	4.60	4.30
2001/6/10	0.59	0.87	14.58	6.77	5.76	3.01	0.00	1.40	14.00	5.70	4.80	3.30
2001/6/16	0.47	1.15	20.77	11.02	6.24	5.38	0.00	1.20	18.00	10.00	6.00	5.40
2001/6/22	0.70	1.38	28.96	12.84	6.08	4.61	0.00	1.90	12.00	4.10	4.20	5.30
2001/6/28	0.40	0.90	26.44	12.99	5.83	3.80	0.00	1.50	23.00	12.00	4.20	4.60
2001/7/4	3.00	11.82	12.35	30.68	4.89	15.04	2.20	7.50	15.00	23.00	5.00	14.00
2001/7/10	0.60	1.10	14.87	9.34	4.51	5.37	0.00	2.00	14.00	7.20	4.40	4.80
2001/7/16	0.85	1.23	24.07	10.36	7.80	5.69	0.00	3.10	17.00	14.00	6.50	4.80
2001/7/22	0.40	0.75	22.56	8.82	5.34	3.30	0.00	1.10	15.00	14.00	4.20	3.80
2001/7/28	0.64	1.07	20.55	7.84	7.23	4.88	0.00	1.90	14.00	11.00	5.40	5.20
2001/8/3	1.17	1.65	24.42	16.51	6.05	2.95	0.83	1.90	20.00	20.00	4.50	4.60
2001/8/9	0.53	0.66	26.45	11.09	4.55	2.73	0.00	1.20	24.00	10.00	4.30	3.40
2001/8/15	1.70	2.24	21.56	17.81	4.92	12.07	1.00	2.70	22.00	16.00	6.50	8.40
2001/8/21	1.51	2.44	26.76	12.40	6.87	7.99	0.57	2.50	23.00	13.00	5.80	7.70
2001/8/27	1.94	2.65	23.74	18.21	7.43	5.49	1.20	3.50	20.00	22.00	5.80	6.50
2001/9/2	0.41	0.40	26.62	11.65	4.83	3.24	0.00	0.66	24.00	12.00	3.70	8.30
2001/9/8	v	v	22.42	16.69	7.17	4.53	v	v	19.00	20.00	5.40	6.10
2001/9/14	4.15	3.80	20.55	29.53	5.65	16.15	2.40	5.40	15.00	32.00	7.50	13.00
2001/9/20	2.77	5.55	11.98	20.84	7.59	7.14	2.00	6.10	16.00	17.00	5.40	8.80
2001/9/26	3.16	7.69	18.33	17.01	7.05	10.19	2.10	8.30	17.00	17.00	5.00	12.00
2001/10/2	2.16	3.08	15.27	14.96	3.95	6.30	1.00	3.80	16.00	11.00	3.50	6.20
2001/10/8	1.19	2.29	23.03	9.13	4.84	7.34	0.71	2.80	19.00	13.00	4.90	6.70
2001/10/14	1.53	3.18	19.51	9.80	2.61	7.56	0.82	3.50	15.00	13.00	2.90	6.80
2001/10/20	0.90	2.41	19.36	11.88	4.44	6.71	0.62	2.70	17.00	13.00	3.90	6.50
2001/10/26	1.94	3.61	23.60	11.48	5.24	6.17	1.20	3.70	19.00	15.00	4.90	5.80

Remark: V = void sample

Table 16. TC concentration determined by TOR (Analysis performed by DRI) and TOT (Analysis performed by DRI) methods at each site

Site	TOR Concentration $\mu\text{g}/\text{m}^3$			TOT Concentration $\mu\text{g}/\text{m}^3$		
	HT	MK	TW	HT	MK	TW
DATE	TCTC	TCTC	TCTC	TCTC	TCTC	TCTC
6-Nov-00	11.59	50.68	22.57	10.80	50.00	24.00
12-Nov-00	3.69	26.83	6.19	3.10	25.70	5.80
18-Nov-00	5.31	42.43	12.73	4.80	43.00	12.10
24-Nov-00	4.79	42.99	v	4.50	43.00	v
30-Nov-00	6.10	45.04	15.71	5.20	43.00	14.80
6-Dec-00	8.39	48.79	22.20	7.30	47.00	21.10
12-Dec-00	4.48	40.50	9.21	4.20	41.00	9.30
18-Dec-00	6.49	43.83	17.91	6.10	43.00	18.40
24-Dec-00	8.69	43.81	18.22	8.80	45.00	17.10
30-Dec-00	18.98	48.80	25.44	18.00	47.00	24.70
5-Jan-01	4.59	39.83	12.79	4.00	40.00	12.60
11-Jan-01	12.63	44.42	24.28	12.20	43.00	23.70
17-Jan-01	7.44	37.63	13.19	6.80	38.00	12.90
23-Jan-01	4.84	33.95	11.43	5.00	34.00	9.90
29-Jan-01	8.97	32.24	14.62	8.90	32.00	13.90
4-Feb-01	17.43	40.32	24.20	16.60	35.00	22.40
10-Feb-01	7.74	v	15.66	7.30	v	14.80
16-Feb-01	9.89	39.70	16.28	9.20	35.00	15.40
22-Feb-01	9.30	48.49	27.15	8.00	42.00	24.00
28-Feb-01	20.42	53.87	35.63	18.90	49.00	32.00
6-Mar-01	7.35	39.04	12.40	6.50	35.00	11.20
12-Mar-01	4.20	34.64	10.81	3.88	31.00	10.00
18-Mar-01	6.38	34.73	14.82	6.10	33.00	13.70
24-Mar-01	2.92	24.00	11.48	2.90	22.20	10.20
30-Mar-01	5.54	34.12	v	4.57	32.00	v
5-Apr-01	2.91	31.55	9.40	2.25	29.00	8.50
11-Apr-01	4.24	26.90	6.96	3.50	23.90	6.50
17-Apr-01	7.88	33.81	17.67	6.60	31.00	16.80
23-Apr-01	4.65	33.91	9.69	4.00	31.00	9.50
29-Apr-01	4.39	28.79	11.80	3.90	27.00	10.80
5-May-01	4.13	29.52	10.34	3.55	27.00	10.70
11-May-01	4.43	33.86	12.88	4.05	32.00	12.40
17-May-01	3.19	38.96	13.99	3.34	35.00	11.30
23-May-01	3.77	41.96	13.19	3.50	38.00	12.10
29-May-01	4.97	39.75	11.52	5.05	49.00	10.70
4-Jun-01	1.22	20.80	8.60	0.87	19.30	8.90
10-Jun-01	1.46	21.34	8.77	1.40	19.70	8.10
16-Jun-01	1.62	31.78	11.63	1.20	28.00	11.40
22-Jun-01	2.07	41.80	10.69	1.90	16.10	9.50
28-Jun-01	1.30	39.43	9.63	1.50	35.00	8.80
4-Jul-01	14.82	43.03	19.93	9.70	38.00	19.00
10-Jul-01	1.70	24.22	9.89	2.00	21.20	9.20
16-Jul-01	2.08	34.43	13.49	3.10	31.00	11.30
22-Jul-01	1.16	31.38	8.65	1.10	29.00	8.00
28-Jul-01	1.71	28.39	12.11	1.90	25.00	10.60
3-Aug-01	2.81	40.93	9.01	2.73	40.00	9.10
9-Aug-01	1.19	37.54	7.28	1.20	34.00	7.70
15-Aug-01	3.94	39.37	16.99	3.70	38.00	14.90
21-Aug-01	3.95	39.16	14.87	3.07	36.00	13.50
27-Aug-01	4.59	41.95	12.92	4.70	42.00	12.30
2-Sep-01	0.81	38.27	8.07	0.66	36.00	12.00
8-Sep-01	v	39.11	11.70	v	39.00	11.50
14-Sep-01	7.96	50.08	21.80	7.80	47.00	20.50
20-Sep-01	8.32	32.81	14.74	8.10	33.00	14.20
26-Sep-01	10.86	35.34	17.24	10.40	34.00	17.00
2-Oct-01	5.24	30.24	10.25	4.80	27.00	9.70
8-Oct-01	3.49	32.16	12.18	3.51	32.00	11.60
14-Oct-01	4.71	29.31	10.17	4.32	28.00	9.70
20-Oct-01	3.31	31.24	11.15	3.32	30.00	10.40
26-Oct-01	5.55	35.08	11.41	4.90	34.00	10.70

Remark: V = void sample

TABLE 17. SEASONAL MEAN ANALYTE CONCENTRATIONS AT HOK TSUI (Winter, 2000/11/5 – 2001/3/13) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
00/11/6	0.14	0.17	1.49	0.38	2.67	0.36	1.21	1.45	7.58	2.26	9.33	11.59	35.63
00/11/12	0.03	0.04	0.31	0.09	1.24	0.06	0.47	0.16	2.96	1.32	2.38	3.69	10.13
00/11/18	0.08	0.07	0.54	0.22	2.65	0.11	1.45	0.53	6.86	1.49	3.82	5.31	22.75
00/11/24	0.06	0.05	0.22	0.20	1.91	0.08	1.03	0.55	4.84	1.31	3.47	4.79	17.58
00/11/30	0.11	0.09	0.32	0.30	3.10	0.07	2.27	1.02	8.83	1.59	4.51	6.10	26.29
00/12/6	0.11	0.14	0.70	0.46	4.73	0.18	3.19	0.44	11.40	1.50	6.88	8.39	34.04
00/12/12	0.03	0.04	0.23	0.14	1.48	0.06	0.97	0.41	3.87	1.44	3.04	4.48	16.04
00/12/18	0.05	0.07	0.37	0.22	2.88	0.12	1.80	0.58	7.70	1.77	4.72	6.49	22.63
00/12/24	0.20	0.19	1.17	0.63	2.31	0.20	1.52	1.00	6.77	1.63	7.06	8.69	29.46
00/12/30	0.20	0.27	1.83	0.71	6.31	0.39	5.53	1.01	17.10	2.55	16.42	18.98	62.38
01/1/5	0.08	0.10	0.24	0.35	2.26	0.06	1.40	0.33	6.03	1.30	3.29	4.59	18.83
01/1/11	0.04	0.09	0.87	0.27	3.00	0.21	3.32	2.71	8.81	2.55	10.08	12.63	39.42
01/1/17	0.13	0.16	0.51	0.44	3.56	0.08	2.53	0.64	9.46	1.42	6.02	7.44	29.92
01/1/23	0.05	0.05	0.35	0.15	4.02	0.04	2.86	0.39	10.20	1.50	3.35	4.84	28.04
01/1/29	0.18	0.19	0.86	0.42	4.47	0.10	3.80	0.77	12.05	1.40	7.57	8.97	38.79
01/2/4	0.06	0.15	0.48	0.24	3.84	0.18	4.96	4.31	10.95	4.56	12.87	17.43	48.33
01/2/10	0.07	0.09	0.96	0.25	2.80	0.25	2.00	1.38	6.84	1.58	6.16	7.74	28.04
01/2/16	0.29	0.29	0.96	0.91	4.23	0.21	3.77	1.53	13.38	1.58	8.32	9.89	42.42
01/2/22	0.19	0.18	0.71	0.56	5.33	0.17	4.44	1.23	16.98	2.83	6.47	9.30	41.92
01/2/28	0.12	0.37	1.54	0.65	6.45	0.48	7.43	6.64	18.67	3.77	16.64	20.41	69.88
01/3/6	0.80	0.71	0.93	2.17	2.93	0.14	2.05	1.97	8.65	1.81	5.54	7.35	36.17
01/3/12	0.10	0.10	0.49	0.36	1.36	0.13	0.75	0.81	4.51	1.46	2.74	4.21	15.67

TABLE 18. SEASONAL MEAN ANALYTE CONCENTRATIONS AT HOK TSUI (Spring, 2001/3/17 – 2001/5/16) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/3/18	0.08	0.12	0.39	0.30	4.56	0.16	3.41	0.71	12.96	2.43	3.94	6.38	31.21
01/3/24	0.02	0.02	0.08	0.05	2.79	0.01	1.77	0.00	8.74	1.30	1.62	2.92	15.63
01/3/30	0.17	0.20	0.52	0.63	3.59	0.14	2.59	0.83	11.42	1.92	3.62	5.54	26.67
01/4/5	0.03	0.04	0.20	0.14	1.33	0.03	0.50	0.40	3.80	1.00	1.90	2.91	10.42
01/4/11	0.03	0.05	0.18	0.10	1.06	0.06	0.46	0.54	3.09	2.01	2.23	4.24	10.79
01/4/17	0.35	0.54	0.80	1.69	4.59	0.18	3.66	1.23	14.50	3.03	4.85	7.88	39.96
01/4/23	0.12	0.18	0.32	0.56	3.15	0.09	2.22	0.86	10.59	1.51	3.14	4.65	26.67
01/4/29	0.02	0.03	0.09	0.11	2.83	0.02	1.98	0.08	8.99	1.95	2.45	4.39	21.00
01/5/5	0.27	0.42	0.57	1.18	5.36	0.04	3.60	0.05	17.46	1.94	2.19	4.12	34.46
01/5/11	0.10	0.11	0.44	0.38	2.42	0.12	1.55	0.62	6.94	1.43	3.00	4.43	20.92

TABLE 19. SEASONAL MEAN ANALYTE CONCENTRATIONS AT HOK TSUI (Summer, 2001/5/19 – 2001/9/20) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
01/5/23	0.07	0.08	0.27	0.26	2.45	0.05	1.50	0.16	7.16	1.64	2.12	3.76	19.17
01/5/29	0.13	0.18	1.18	0.51	5.94	0.14	4.22	0.06	20.37	1.87	3.10	4.96	40.21
01/6/4	0.03	0.01	0.03	0.07	1.14	0.00	0.42	0.17	3.11	0.52	0.70	1.21	10.17
01/6/10	0.02	0.00	0.03	0.01	0.73	0.00	0.11	0.25	2.19	0.59	0.87	1.46	9.54
01/6/16	0.04	0.02	0.09	0.08	0.70	0.00	0.09	0.33	2.14	0.47	1.15	1.62	10.63
01/6/22	0.02	0.01	0.04	0.03	0.84	0.01	0.26	0.32	2.31	0.70	1.38	2.06	11.67
01/6/28	0.03	0.02	0.04	0.07	0.75	0.00	0.11	0.22	1.95	0.40	0.90	1.30	9.25
01/7/4	0.16	0.25	1.30	0.68	5.40	0.39	4.05	0.49	14.76	3.00	11.82	14.81	50.58
01/7/10	0.07	0.05	0.08	0.15	1.17	0.00	0.20	0.42	3.37	0.60	1.10	1.69	12.42
01/7/16	0.07	0.07	0.07	0.20	0.62	0.01	0.13	0.43	1.82	0.85	1.23	2.08	11.25
01/7/22	0.04	0.01	0.04	0.04	0.40	0.00	0.04	0.31	1.27	0.40	0.75	1.15	9.33
01/7/28	0.07	0.05	0.11	0.13	1.83	0.01	0.70	0.16	4.39	0.64	1.07	1.70	12.50
01/8/3	0.02	0.02	0.10	0.08	1.56	0.02	0.76	0.17	3.86	1.17	1.65	2.75	12.54
01/8/9	0.01	0.01	0.02	0.02	0.99	0.00	0.31	0.18	2.70	0.53	0.66	1.13	8.25
01/8/15	0.03	0.04	0.17	0.11	3.92	0.06	2.82	0.09	10.35	1.70	2.24	3.88	24.08
01/8/21	0.03	0.03	0.09	0.08	3.95	0.04	2.73	0.09	11.89	1.51	2.44	3.88	24.67
01/8/27	0.03	0.05	0.21	0.15	2.80	0.09	1.81	0.30	7.11	1.94	2.65	4.52	20.50
01/9/2	0.01	0.01	0.02	0.02	0.26	0.00	0.02	0.13	0.84	0.41	0.40	0.74	5.75
01/9/14	0.08	0.13	0.56	0.23	6.95	0.15	4.95	0.09	18.16	4.15	3.80	7.89	42.46
01/9/20	0.07	0.14	0.93	0.28	4.09	0.21	3.05	0.32	11.05	2.77	5.55	8.25	32.83

TABLE 20. SEASONAL MEAN ANALYTE CONCENTRATIONS AT HOK TSUI (Fall, 2001/9/21 – 2001/10/31) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/9/26	0.11	0.16	1.33	0.31	6.03	0.19	4.65	0.28	15.53	3.16	7.69	10.79	45.00
01/10/2	0.08	0.10	0.70	0.29	5.09	0.08	3.47	0.13	13.81	2.16	3.08	5.17	31.63
01/10/8	0.07	0.06	0.28	0.19	4.13	0.05	2.37	0.07	10.44	1.19	2.29	3.41	24.63
01/10/14	0.08	0.08	0.31	0.26	2.62	0.10	1.42	0.48	6.55	1.53	3.18	4.64	19.79
01/10/20	0.11	0.10	0.25	0.32	2.16	0.10	1.01	0.61	6.10	0.90	2.41	3.24	17.50
01/10/26	0.17	0.18	0.65	0.55	5.28	0.11	3.51	0.25	13.72	1.94	3.61	5.48	34.38

TABLE 21. SEASONAL MEAN ANALYTE CONCENTRATIONS AT MONG KOK (Winter, 2000/11/5 – 2001/3/13) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
00/11/6	0.19	0.34	1.62	0.57	3.35	0.41	2.44	1.50	8.48	22.93	27.75	50.67	79.71
00/11/12	0.07	0.15	0.34	0.16	1.36	0.10	0.88	0.68	3.40	16.64	10.19	26.83	38.25
00/11/18	0.11	0.23	0.55	0.33	2.90	0.18	2.32	1.29	6.63	22.89	19.54	42.43	63.88
00/11/24	0.14	0.23	0.27	0.32	2.14	0.17	1.78	1.39	5.38	23.09	19.89	42.98	64.33
00/11/30	0.20	0.23	0.42	0.43	3.50	0.18	3.00	1.77	9.17	23.71	21.33	45.04	72.75
00/12/6	0.18	0.27	0.77	0.55	4.65	0.26	4.49	1.76	12.23	20.68	28.12	48.79	83.25
00/12/12	0.10	0.19	0.26	0.23	1.45	0.10	1.19	0.86	3.72	21.55	18.95	40.50	55.63
00/12/18	0.13	0.24	0.68	0.41	4.21	0.24	4.01	2.39	11.11	19.50	24.33	43.82	76.04
00/12/24	0.23	0.44	1.32	0.65	2.70	0.27	2.05	2.00	6.88	20.96	22.85	43.81	69.08
00/12/30	0.23	0.40	1.84	0.73	6.53	0.48	6.46	3.40	16.79	15.87	32.93	48.81	96.71
01/1/5	0.16	0.27	0.34	0.48	2.88	0.15	2.59	1.52	7.52	21.28	18.56	39.83	64.13
01/1/11	0.12	0.27	0.90	0.34	3.51	0.29	4.25	5.47	9.55	18.44	25.98	44.42	77.30
01/1/17	0.23	0.36	0.59	0.59	3.75	0.15	3.34	1.32	9.71	18.76	18.87	37.62	65.58
01/1/23	0.09	0.13	0.34	0.17	3.55	0.06	4.36	1.79	10.40	16.85	17.09	33.95	61.79
01/1/29	0.17	0.33	0.83	0.46	4.80	0.12	4.63	1.75	12.94	13.03	19.22	32.24	62.79
01/2/4	0.10	0.29	0.54	0.29	3.79	0.22	5.78	5.05	11.96	15.18	25.14	40.32	75.79
01/2/16	0.34	0.46	1.00	0.96	4.42	0.34	4.14	1.90	12.47	18.25	21.44	39.70	73.29
01/2/22	0.25	0.36	0.69	0.68	5.49	0.23	5.51	3.43	15.52	20.35	28.14	48.49	89.46
01/2/28	0.29	0.74	2.27	1.13	7.73	0.79	11.74	10.96	24.45	11.11	42.76	53.87	134.50
01/3/6	0.79	0.77	0.83	2.08	3.13	0.20	2.48	2.75	9.19	24.11	14.93	39.04	72.50
01/3/12	0.15	0.24	0.50	0.46	1.53	0.17	1.18	1.33	4.30	21.18	13.45	34.64	47.79

TABLE 22. SEASONAL MEAN ANALYTE CONCENTRATIONS AT MONG KOK (Spring, 2001/3/17 – 2001/5/16) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/3/18	0.22	0.42	0.83	0.62	6.03	0.36	6.35	3.54	18.21	12.30	22.42	34.72	77.21
01/3/24	0.09	0.14	0.14	0.17	3.22	0.05	2.84	0.72	9.18	17.05	6.95	24.00	39.83
01/3/30	0.27	0.33	0.59	0.75	3.91	0.19	3.37	1.97	11.15	21.58	12.54	34.12	60.38
01/4/5	0.08	0.14	0.33	0.19	1.26	0.05	0.98	1.36	3.64	20.48	11.07	31.55	42.21
01/4/11	0.09	0.18	0.25	0.21	1.32	0.11	1.00	1.11	3.64	16.38	10.53	26.90	35.83
01/4/17	0.35	0.53	0.74	1.37	4.59	0.19	4.70	4.12	14.37	21.10	12.71	33.81	70.71
01/4/23	0.18	0.29	0.35	0.70	3.42	0.13	3.31	2.49	10.78	21.56	12.34	33.90	59.88
01/4/29	0.08	0.12	0.13	0.22	3.31	0.05	2.69	0.73	9.08	20.09	8.71	28.80	48.29
01/5/5	0.24	0.39	0.48	0.91	4.96	0.11	4.04	0.89	14.92	19.50	10.03	29.52	57.50
01/5/11	0.15	0.27	0.45	0.50	3.01	0.20	2.45	1.39	7.59	21.60	12.27	33.85	54.54

TABLE 23. SEASONAL MEAN ANALYTE CONCENTRATIONS AT MONG KOK (Summer, 2001/5/19 – 2001/9/20) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
01/5/23	0.17	0.24	0.36	0.51	3.79	0.10	3.08	1.21	10.47	27.40	14.56	41.95	65.21
01/5/29	0.21	0.32	1.29	0.72	6.32	0.19	5.12	1.29	18.80	24.49	15.26	39.74	75.54
01/6/4	0.09	0.13	0.07	0.24	1.65	0.09	1.34	0.47	5.00	14.78	6.02	20.80	32.08
01/6/10	0.06	0.10	0.05	0.15	1.59	0.04	1.13	0.42	3.97	14.58	6.77	21.33	33.63
01/6/16	0.12	0.18	0.16	0.29	1.17	0.09	0.74	0.58	3.04	20.77	11.02	31.77	45.21
01/6/22	0.11	0.17	0.08	0.25	1.31	0.09	0.89	0.50	3.19	28.96	12.84	41.80	56.00
01/6/28	0.13	0.18	0.09	0.29	1.02	0.06	0.62	0.52	2.70	26.44	12.99	39.43	51.25
01/7/4	0.25	0.42	1.35	0.82	5.47	0.41	4.32	0.84	14.74	12.35	30.68	43.03	82.46
01/7/10	0.13	0.14	0.10	0.26	1.74	0.05	1.15	0.75	4.91	14.87	9.34	24.21	38.08
01/7/16	0.17	0.24	0.12	0.40	1.23	0.10	0.83	0.75	2.96	24.07	10.36	34.43	47.71
01/7/22	0.10	0.13	0.08	0.20	0.66	0.04	0.36	0.48	1.77	22.56	8.82	31.37	42.33
01/7/28	0.15	0.20	0.17	0.30	2.34	0.06	1.62	0.77	5.66	20.55	7.84	28.38	43.08
01/8/3	0.11	0.18	0.14	0.27	1.63	0.09	1.20	0.76	3.77	24.42	16.51	40.87	56.04
01/8/9	0.10	0.16	0.06	0.24	1.07	0.10	0.77	0.35	2.84	26.45	11.09	37.47	44.88
01/8/15	0.11	0.19	0.23	0.31	4.32	0.14	3.76	0.98	10.95	21.56	17.81	39.30	65.42
01/8/21	0.11	0.18	0.18	0.30	4.91	0.14	4.24	0.89	12.35	26.76	12.40	39.09	64.50
01/8/27	0.22	0.25	0.31	0.40	3.18	0.16	2.53	0.56	7.81	23.74	18.21	41.88	65.42
01/9/2	0.09	0.13	0.08	0.21	0.44	0.04	0.23	0.33	1.06	26.62	11.65	38.20	46.00
01/9/8	0.14	0.25	0.49	0.39	6.35	0.25	5.27	0.67	15.62	22.42	16.69	39.04	73.63
01/9/14	0.19	0.37	0.77	0.51	8.07	0.37	9.11	3.00	24.06	20.55	29.53	50.01	102.71
01/9/20	0.18	0.30	0.89	0.47	3.79	0.28	3.47	0.71	11.33	11.98	20.84	32.75	63.21

TABLE 24. SEASONAL MEAN ANALYTE CONCENTRATIONS AT MONG KOK (Fall, 2001/9/21 – 2001/10/31) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/9/26	0.16	0.26	1.54	0.46	6.71	0.26	5.48	0.55	15.93	18.33	17.01	35.27	73.63
01/10/2	0.14	0.23	0.77	0.39	5.45	0.12	4.20	0.86	13.38	15.27	14.96	30.17	57.29
01/10/8	0.12	0.17	0.31	0.30	4.78	0.13	3.99	1.15	12.09	23.03	9.13	32.09	60.38
01/10/14	0.13	0.20	0.39	0.40	2.96	0.14	2.11	0.91	7.12	19.51	9.80	29.25	49.71
01/10/20	0.18	0.25	0.34	0.47	2.61	0.19	1.75	1.25	6.45	19.36	11.88	31.18	52.05
01/10/26	0.22	0.35	0.61	0.57	5.10	0.18	4.38	1.59	13.62	23.60	11.48	35.01	67.95

TABLE 25a. SEASONAL MEAN ANALYTE CONCENTRATIONS AT TSUEN WAN (Winter, 2000/11/5 – 2001/3/13) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
00/11/6	0.15	0.34	1.86	0.52	3.42	0.55	2.29	1.54	8.69	6.20	16.37	22.57	51.70
00/11/12	0.03	0.06	0.51	0.10	1.59	0.09	1.01	0.52	3.81	2.56	3.63	6.19	16.27
00/11/18	0.05	0.10	0.51	0.22	2.44	0.16	1.93	0.83	6.25	3.94	8.79	12.73	29.25
00/11/30	0.12	0.16	0.47	0.32	3.13	0.14	2.39	0.89	8.35	5.10	10.61	15.71	36.14
00/12/6	0.12	0.22	0.90	0.47	4.55	0.27	4.90	2.56	12.97	7.67	14.53	22.20	57.01
00/12/12	0.02	0.06	0.30	0.12	1.45	0.07	0.99	0.55	3.50	3.46	5.75	9.21	18.96
00/12/18	0.09	0.16	0.92	0.35	4.51	0.25	4.15	2.74	13.08	4.69	13.21	17.90	49.25
00/12/24	0.16	0.25	1.37	0.62	2.56	0.24	1.70	0.96	6.21	4.51	13.72	18.23	38.51
00/12/30	0.17	0.32	1.78	0.67	6.14	0.37	6.37	3.27	16.84	5.66	19.78	25.44	71.58
01/1/5	0.10	0.15	0.37	0.37	3.14	0.11	2.61	0.93	8.31	4.12	8.67	12.79	33.49
01/1/11	0.10	0.25	1.18	0.38	3.81	0.35	4.59	4.72	9.83	6.14	18.14	24.28	59.71
01/1/17	0.18	0.25	0.56	0.54	3.49	0.11	2.91	1.03	9.29	3.58	9.61	13.19	37.14
01/1/23	0.06	0.07	0.27	0.13	2.99	0.03	2.66	1.07	8.21	4.56	6.87	11.43	29.63
01/1/29	0.14	0.21	0.86	0.45	4.79	0.11	4.56	1.55	11.74	3.24	11.38	14.62	43.40
01/2/4	0.06	0.18	0.71	0.28	4.15	0.24	5.53	4.64	11.21	6.34	17.86	24.20	57.97
01/2/10	0.08	0.18	0.96	0.34	2.48	0.25	3.58	5.49	6.57	3.37	12.29	15.66	42.53
01/2/16	0.25	0.30	1.03	0.79	4.35	0.20	3.86	1.27	11.25	4.34	11.94	16.28	46.76
01/2/22	0.22	0.31	0.68	0.63	5.23	0.21	4.59	2.20	13.40	9.54	17.61	27.15	59.83
01/2/28	0.33	0.77	2.22	1.33	6.75	0.81	11.87	10.74	23.63	6.23	29.40	35.63	119.13
01/3/6	0.86	0.76	0.78	2.25	2.57	0.14	1.49	2.23	7.22	4.48	7.92	12.40	40.00
01/3/12	0.10	0.15	0.52	0.38	1.56	0.15	1.31	1.03	4.16	4.24	6.56	10.81	23.94

TABLE 25b. SEASONAL MEAN ANALYTE CONCENTRATIONS AT TSUEN WAN (Spring, 2001/3/17 – 2001/5/16) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/3/18	0.16	0.27	1.04	0.52	6.24	0.32	5.65	2.77	16.23	4.26	10.56	14.82	51.49
01/3/24	0.11	0.11	0.13	0.14	2.93	0.05	2.46	0.58	7.59	5.59	5.89	11.48	25.64
01/4/5	0.04	0.06	0.33	0.10	1.03	0.03	0.65	1.06	2.93	4.50	4.90	9.40	17.88
01/4/11	0.05	0.07	0.25	0.14	1.12	0.07	0.77	0.85	2.99	3.64	3.32	6.96	14.81
01/4/17	0.35	0.53	0.76	1.33	4.73	0.22	3.84	1.78	13.03	7.80	9.87	17.67	48.59
01/4/23	0.13	0.21	0.30	0.61	3.29	0.09	2.57	1.16	8.88	4.30	5.39	9.69	29.75
01/4/29	0.08	0.10	0.13	0.19	3.12	0.06	2.63	0.85	8.87	5.99	5.81	11.80	28.46
01/5/5	0.19	0.31	0.47	0.78	4.49	0.07	3.45	0.77	13.46	5.24	5.10	10.33	37.63
01/5/11	0.09	0.17	0.47	0.38	3.17	0.16	2.55	1.08	7.95	6.02	6.85	12.87	33.69

TABLE 25c. SEASONAL MEAN ANALYTE CONCENTRATIONS AT TSUEN WAN (Summer, 2001/5/19 – 2001/9/20) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/5/23	0.10	0.14	0.35	0.33	4.12	0.10	3.39	0.50	12.23	6.27	6.92	13.18	36.18
01/5/29	0.15	0.22	1.21	0.49	5.85	0.15	4.48	0.58	17.87	5.08	6.44	11.51	43.11
01/6/4	0.06	0.08	0.06	0.10	1.38	0.04	0.91	0.38	4.26	5.65	2.94	8.59	18.13
01/6/10	0.05	0.04	0.04	0.06	1.04	0.04	0.58	0.30	2.92	5.76	3.01	8.76	18.30
01/6/16	0.12	0.14	0.17	0.19	1.25	0.07	0.64	0.52	3.43	6.24	5.38	11.62	23.90
01/6/22	0.04	0.06	0.09	0.07	1.29	0.06	0.85	0.47	3.47	6.08	4.61	10.68	21.41
01/6/28	0.07	0.08	0.07	0.13	0.84	0.03	0.47	0.41	2.30	5.83	3.80	9.63	19.34
01/7/4	0.20	0.30	1.46	0.75	5.12	0.45	3.83	0.68	13.80	4.89	15.04	19.92	56.64
01/7/10	0.15	0.19	0.14	0.21	1.81	0.93	0.88	0.87	4.99	4.51	5.37	9.88	26.31
01/7/16	0.12	0.16	0.14	0.28	1.25	0.06	0.69	0.47	3.01	7.80	5.69	13.48	24.40
01/7/22	0.06	0.07	0.07	0.09	0.66	0.05	0.27	0.49	1.97	5.34	3.30	8.64	18.71
01/7/28	0.17	0.17	0.25	0.24	2.52	0.16	1.57	0.55	6.19	7.23	4.88	12.10	26.14
01/8/3	0.04	0.07	0.10	0.10	1.21	0.03	0.78	0.46	3.19	6.05	2.95	8.94	18.55
01/8/9	0.03	0.05	0.05	0.05	0.96	0.05	0.62	0.32	2.58	4.55	2.73	7.21	15.73
01/8/15	0.08	0.13	0.28	0.19	4.82	0.16	4.27	0.75	12.49	4.92	12.07	16.93	42.99
01/8/21	0.08	0.12	0.22	0.19	4.88	0.08	4.40	0.52	13.41	6.87	7.99	14.80	41.99
01/8/27	0.05	0.09	0.27	0.20	2.98	0.11	2.58	0.58	9.00	7.43	5.49	12.85	32.29
01/9/2	0.03	0.04	0.11	0.05	0.45	0.01	0.18	0.27	1.44	4.83	3.24	8.00	14.23
01/9/8	0.09	0.14	0.44	0.26	5.70	0.12	5.39	0.33	16.33	7.17	4.53	11.63	44.15
01/9/14	0.13	0.23	0.90	0.43	8.35	0.25	8.08	1.70	22.15	5.65	16.15	21.73	72.90
01/9/20	0.10	0.17	0.94	0.32	4.10	0.23	3.20	0.46	10.97	7.59	7.14	14.67	40.79

TABLE 25d. SEASONAL MEAN ANALYTE CONCENTRATIONS AT TSUEN WAN (Fall, 2001/9/21 – 2001/10/31) (Analysis performed by DRI)

POLLUTANTS	Calcium	Iron	Potassium	Silicon	Sulfur	Zinc	Ammonium	Nitrate	Sulfate	Elemental Carbon	Organic Carbon	Total Carbon	QMA Mass
Unit/Concentration	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
01/9/26	0.13	0.21	1.47	0.40	6.80	0.21	5.66	0.34	17.16	7.05	10.19	17.17	54.15
01/10/2	0.10	0.13	0.69	0.30	4.79	0.08	3.95	0.59	12.46	3.95	6.30	10.18	37.14
01/10/8	0.09	0.15	0.32	0.19	5.14	0.09	4.32	0.55	12.64	4.84	7.34	12.11	38.51
01/10/14	0.10	0.12	0.43	0.31	3.04	0.12	2.22	0.75	7.66	2.61	7.56	10.10	29.67
01/10/20	0.12	0.16	0.33	0.38	2.72	0.14	1.86	0.99	7.22	4.44	6.71	11.08	29.50
01/10/26	0.14	0.19	0.53	0.42	4.60	0.27	3.61	0.65	12.53	5.24	6.17	11.34	37.01

TABLE 26a. MEAN ANALYTE CONCENTRATIONS AT MONG KOK (Analysis performed by DRI)

ANALYTE	MEAN CONCENTRATION												UNIT
	Nov-2000	Dec-2000	Jan-2001	Feb-2001	Mar-2001	Apr-2001	May-2001	Jun-2001	Jul-2001	Aug-2001	Sep-2001	Oct-2001	
Sulfate concentration	6.61	10.15	10.03	16.10	10.40	8.30	12.49	3.58	6.01	7.55	13.60	10.53	µg/m ³
Nitrate concentration	1.32	2.08	2.37	5.34	2.06	1.96	1.31	0.50	0.72	0.71	1.05	1.15	µg/m ³
Ammonium concentration	2.08	3.64	3.84	6.79	3.24	2.54	3.58	0.94	1.66	2.50	4.71	3.28	µg/m ³
Organic Carbon concentration	19.74	25.44	19.94	29.37	14.06	11.07	13.49	9.93	13.41	15.20	19.14	11.45	µg/m ³
Elemental Carbon concentration	21.85	19.71	17.67	16.23	19.25	19.92	23.32	21.10	18.88	24.59	19.98	20.15	µg/m ³
Silicon concentration	0.36	0.51	0.41	0.77	0.82	0.54	0.61	0.24	0.40	0.30	0.41	0.43	µg/m ³
Potassium concentration	0.64	0.97	0.60	1.12	0.58	0.36	0.58	0.09	0.37	0.18	0.76	0.48	µg/m ³
Calcium concentration	0.14	0.17	0.15	0.24	0.30	0.16	0.18	0.10	0.16	0.13	0.15	0.16	µg/m ³
Iron concentration	0.24	0.31	0.27	0.46	0.38	0.25	0.29	0.15	0.22	0.19	0.26	0.24	µg/m ³
Zinc concentration	0.21	0.27	0.15	0.40	0.19	0.11	0.15	0.07	0.13	0.13	0.24	0.15	µg/m ³
MEAN OF ABOVE	5.32	6.33	5.54	7.68	5.13	4.52	5.60	3.67	4.19	5.15	6.03	4.80	µg/m ³
QMA Mass concentration	63.78	76.14	66.32	93.26	59.54	51.38	62.83	43.63	50.73	59.25	71.83	57.47	µg/m ³

TABLE 26b. MEAN ANALYTE CONCENTRATIONS AT HOK TSUI (Analysis performed by DRI)

ANALYTE	MEAN CONCENTRATION												UNIT
	Nov-2000	Dec-2000	Jan-2001	Feb-2001	Mar-2001	Apr-2001	May-2001	Jun-2001	Jul-2001	Aug-2001	Sep-2001	Oct-2001	
Sulfate concentration	6.22	9.37	9.31	13.36	9.26	8.19	12.37	2.34	5.12	7.18	11.40	10.12	µg/m ³
Nitrate concentration	0.74	0.69	0.97	3.02	0.86	0.62	0.20	0.26	0.36	0.16	0.20	0.31	µg/m ³
Ammonium concentration	1.29	2.60	2.78	4.52	2.12	1.76	2.58	0.20	1.03	1.69	3.17	2.36	µg/m ³
Organic Carbon concentration	4.70	7.62	6.06	10.09	3.49	2.91	2.44	1.00	3.20	1.93	4.36	2.91	µg/m ³
Elemental Carbon concentration	1.59	1.78	1.64	2.86	1.78	1.90	1.65	0.53	1.10	1.37	2.62	1.54	µg/m ³
Silicon concentration	0.24	0.43	0.32	0.52	0.70	0.52	0.51	0.05	0.24	0.09	0.21	0.32	µg/m ³
Potassium concentration	0.58	0.86	0.57	0.93	0.48	0.32	0.54	0.05	0.32	0.12	0.71	0.44	µg/m ³
Calcium concentration	0.08	0.12	0.10	0.15	0.24	0.11	0.13	0.03	0.08	0.03	0.07	0.10	µg/m ³
Iron concentration	0.08	0.14	0.12	0.22	0.23	0.17	0.17	0.01	0.09	0.03	0.11	0.10	µg/m ³
Zinc concentration	0.14	0.19	0.10	0.26	0.12	0.07	0.08	0.01	0.08	0.04	0.14	0.09	µg/m ³
MEAN OF ABOVE	1.57	2.38	2.20	3.59	1.93	1.66	2.07	0.45	1.16	1.26	2.30	1.83	µg/m ³
QMA Mass concentration	22.48	32.91	31.00	46.12	25.07	21.77	27.40	10.25	19.22	18.01	31.51	25.58	µg/m ³

TABLE 26c. MEAN ANALYTE CONCENTRATIONS AT TSUEN WAN (Analysis performed by DRI)

ANALYTE	MEAN CONCENTRATION												UNIT
	Nov-2000	Dec-2000	Jan-2001	Feb-2001	Mar-2001	Apr-2001	May-2001	Jun-2001	Jul-2001	Aug-2001	Sep-2001	Oct-2001	
Sulfate concentration	6.78	10.52	9.48	13.21	8.80	7.34	11.88	3.28	5.99	8.13	13.61	10.50	µg/m ³
Nitrate concentration	0.95	2.02	1.86	4.87	1.65	1.14	0.74	0.42	0.61	0.52	0.62	0.70	µg/m ³
Ammonium concentration	1.90	3.62	3.47	5.89	2.73	2.09	3.26	0.69	1.45	2.53	4.50	3.19	µg/m ³
Organic Carbon concentration	9.85	13.40	10.93	17.82	7.73	5.86	6.60	3.95	6.86	6.25	8.25	6.81	µg/m ³
Elemental Carbon concentration	4.45	5.20	4.33	5.96	4.64	5.25	5.78	5.91	5.96	5.97	6.46	4.22	µg/m ³
Silicon concentration	0.29	0.45	0.37	0.67	0.83	0.47	0.45	0.11	0.32	0.15	0.29	0.32	µg/m ³
Potassium concentration	0.84	1.05	0.65	1.12	0.62	0.35	0.54	0.09	0.41	0.18	0.77	0.46	µg/m ³
Calcium concentration	0.09	0.11	0.12	0.19	0.31	0.13	0.12	0.07	0.14	0.06	0.10	0.11	µg/m ³
Iron concentration	0.17	0.20	0.19	0.35	0.32	0.19	0.19	0.08	0.18	0.09	0.16	0.15	µg/m ³
Zinc concentration	0.24	0.24	0.14	0.34	0.17	0.10	0.11	0.05	0.33	0.09	0.16	0.14	µg/m ³
MEAN OF ABOVE	2.55	3.68	3.15	5.04	2.78	2.29	2.97	1.46	2.22	2.40	3.49	2.66	µg/m ³
QMA Mass concentration	33.34	47.06	40.67	65.24	35.27	27.90	36.11	20.22	30.44	30.31	45.24	34.37	µg/m ³