

Results of Short-term Air Quality Monitoring Study 2013-2015

**[Monitoring periods: Dec 2013 to Jan 2014,
Apr to May 2014 and Jan 2015]**

Table1: Summary of average NO₂ concentrations at different types of roadside monitoring points

Types of Roadside Monitoring Point		Number of Monitoring points	Average NO ₂ Concentration (µg/m ³)
A	Heavy Vehicular Traffic	65	90
B	Heavy Pedestrian Traffic	48	85
C	Poor Dispersion of Vehicular Emission	56	97
	Next to the three existing Roadside Air Quality Monitoring Stations (Heavy Vehicular Traffic)	3	127

Table 2: Detailed locations of all the monitoring points under the study and the NO₂ levels recorded

	Diffusion Tube Installation Location	Type of Roadside Monitoring Point	Average NO ₂ Concentration (µg/m ³)
Island District			
1	North Lantau Highway (from Tung Chung Eastern Interchange to Western End at Chek Lap Kok)	A	83
2	North Lantau Highway (from Tung Chung Eastern Interchange to Western End at Chek Lap Kok)	A	76
3	North Lantau Highway (Ngong Shuen Au to Tung Chung Eastern Interchange)	A	75
4	North Lantau Highway (Ngong Shuen Au to Tung Chung Eastern Interchange)	A	80
5	Tat Tung Road (close to Fu Tung Plaza)	B	65
6	Tat Tung Road (close to Ngong Ping Cable Car Terminal)	B	99

7	North Lantau Highway (close to Tung Chung Eastern Interchange)	C	96
8	North Lantau Highway (close to Tung Chung Eastern Interchange)	C	93
Kwai Tsing District			
1	Kwai Chung Road (from Princess Margaret Hospital Interchange Slip Road to Kwai Chung Road to Tsuen Wan Road)	A	112
2	Kwai Chung Road (from Princess Margaret Hospital Interchange Slip Road to Kwai Chung Road to Tsuen Wan Road)	A	106
3	Tsuen Wan Rd (from Kwai Tsing Road Roundabout to Texaco Road Roundabout)	A	109
4	Tsuen Wan Rd (from Kwai Tsing Road Roundabout to Texaco Road Roundabout)	A	130
5	Hing Ning Road (close to Kwai Fong MTR)	B	84
6	Hing Ning Road (close to Kwai Fong MTR)	B	93
7	Container Port Road South	C	119
8	Container Port Road South	C	114
9	Kwai King Road	C	105
10	Kwai King Road	C	96
11	Kwai Chung Road (under Tsing Kwai Highway)	C	122
12	Kwai Chung Road (under Tsing Kwai Highway)	C	119
Tsuen Wan District			
1	Tuen Mun Road (from Sham Tseng to Tsing Long Highway - Ting Kau Bridge)	A	82
2	Tuen Mun Road (from Sham Tseng to Tsing Long Highway - Ting Kau Bridge)	A	98
3	Tsuen Wan Road (close to Kerry Warehouse [Tsuen Wan])	A	95
4	Texaco Road (close to Lung Shing Factory Building)	A	97
5	Sha Tsui Road (from Wo Tik Street to Ham Tin Street)	B	75
6	Sha Tsui Road (from Wo Tik Street to Ham Tin Street)	B	139
7	Chung On Street	B	87

8	Cheung Pei Shan Road (under Tsuen Kam Interchange)	C	91
9	Cheung Pei Shan Road (close to Tsuen Tak Gardens)	C	113
10	Cheung Pei Shan Road (close to Octagon)	C	92
Yuen Long District			
1	San Tin Highway (from Kam Tin Road to Fairview Park Boulevard)	A	93
2	San Tin Highway (from Kam Tin Road to Fairview Park Boulevard)	A	81
3	Yuen Long Highway (from Shap Pat Heung Interchange to Tong Yan San Tsuen Interchange)	A	85
4	Yuen Long Highway (from Shap Pat Heung Interchange to Tong Yan San Tsuen Interchange)	A	88
5	Castle Peak Road (close to Tai Tong Road)	B	79
6	Castle Peak Road (close to Tai Tong Road)	B	96
7	Yuen Long On Lok Road (under Long Ping MTR)	C	68
8	Yuen Long On Lok Road (under Long Ping MTR)	C	83
North District			
1	Fanling Highway (close to Kau Lung Hang Lo Wai)	A	71
2	Fanling Highway (from Wo Hop Shek Interchange to Kau Lung Hang Lo Wai)	A	60
3	Fanling Highway (from Wo Hop Shek Interchange to Kau Lung Hang Lo Wai)	A	78
4	San Wan Road	B	93
5	San Wan Road	B	74
6	Lung Sum Avenue	B	83
7	Lung Sum Avenue	B	57
8	Lung Wan Street	B	57
9	Lung Wan Street	B	77
10	Fanling Highway Interchange	C	100
11	Fanling Highway Interchange	C	103
12	Fanling Highway (close to Fanling MTR)	C	100
13	Fanling Highway (close to Fanling MTR)	C	98

Tuen Mun District			
1	Tuen Mun Road (close to Yuk Hong Street)	A	94
2	Tuen Mun Road (close to Tsing Hang Path)	A	100
3	Tuen Mun Road (close to Tsing Tin Road)	A	98
4	Tuen Mun Road (close to Footbridge to Tuen Mun Hospital)	A	96
5	Tuen Shing Street	B	83
6	Tuen Shing Street	B	68
7	Tuen Shun Street	B	79
8	Tuen Shun Street	B	79
9	Tuen Fat Road (under Tuen Mun Town Plaza)	C	101
10	Tuen Hi Road (under Tuen Mun Town Plaza)	C	116
Shatin District			
1	Tai Po Road - Shatin (from Shatin Rural Committee Road to Fo Tan Road)	A	90
2	Tai Po Road - Shatin (from Shatin Rural Committee Road to Fo Tan Road)	A	80
3	Lion Rock Tunnel Road (from Hung Mui Kuk Road to Lion Rock Tunnel)	A	92
4	Lion Rock Tunnel Road (from Hung Mui Kuk Road to Lion Rock Tunnel)	A	95
5	Tai Wai Road	B	61
6	Tai Wai Road	B	59
7	Tsuen Nam Road	B	64
8	Tsuen Nam Road	B	61
9	Mei Tin Road (under Tai Wai MTR)	C	99
10	Mei Tin Road (under Tai Wai MTR)	C	88
11	Shatin Centre Street (close to New Town Plaza)	C	91
12	Shatin Centre Street (close to New Town Plaza)	C	94
Tai Po District			
1	Tolo Highway (from north of Ma Liu Shui Interchange to Yuen Shin Road Interchange)	A	88
2	Tolo Highway (from north of Ma Liu Shui	A	101

	Interchange to Yuen Shin Road Interchange)		
3	Fanling Highway (from Lam Kam Road Roundabout to Kau Lung Hang Lo Wai)	A	77
4	Fanling Highway (from Lam Kam Road Roundabout to Kau Lung Hang Lo Wai)	A	82
5	Kwong Fuk Road (close to Kwong Fuk Lane)	B	95
6	Nam Wan Road (close to Elegance Garden)	B	63
7	Po Nga Road (close to Tai Wo MTR)	C	76
8	Po Nga Road (close to Tai Wo MTR)	C	70
9	Kwong Fuk Road (close to Po Heung Street)	C	75
10	Kwong Fuk Road (close to Po Heung Street)	C	93
Sai Kung District			
1	Wan Po Road (from Chiu Shun Road to Chun Yat Street)	A	53
2	Po Ning Road (from Ying Yip Road to Po Lam Road North)	A	77
3	Chui Ling Road (close to Hong Kong Design Institute)	A	57
4	Tseung Kwan O Tunnel Road (close to Tseung Kwan O Sports Centre)	A	54
5	Po Shun Road (from Tseung Kwan O Tunnel Road Roundabout to Po Ning Road)	A	52
6	Wan Po Road (close to LOHAS Park)	A	65
7	Wan Lung Road (close to Tseung Kwan O Sports Centre)	A	51
8	Slip Road from Po Shun Road to Po Hong Road	A	65
9	Po Tung Road (close to Man Nin Street)	A	68
10	Sheung Ning Road (close to Hau Tak Shopping Centre)	B	63
11	Fuk Man Road	B	61
12	Ming Shing Street	C	69
13	Po Shun Road (close to Chung Ming Court)	C	59
14	Mau Yip Road (close to Po Lam MTR)	C	56
Kwun Tong District			

1	Kwun Tong Road (from Ping Shek Estate Eastern to Wai Yip Street Flyover)	A	92
2	Kwun Tong Road (from Ping Shek Estate Eastern to Wai Yip Street Flyover)	A	88
3	Tseung Kwan O Road (Lei Yue Mun Road to Sau Mau Ping Road)	A	118
4	Tseung Kwan O Road (Lei Yue Mun Road to Sau Mau Ping Road)	A	144
5	Lin Tak Road (Tseung Kwan O Road Entrance)	A	108
6	Yue Man Square	B	90
7	Ngau Tau Kok Road (close to Amoy Garden)	B	87
8	Ngau Tau Kok Road (close to Amoy Garden)	B	84
9	Kwun Tong Road (close to APM)	C	75
10	Kwun Tong Road (close to APM)	C	74
11	Lei Yue Mun Road (under Sceneway Garden)	C	137
12	Lei Yue Mun Road (under Sceneway Garden)	C	168
Sham Shui Po District			
1	Ching Cheung Road (from Castle Peak Road to Tai Po Road Interchange)	A	77
2	Ching Cheung Road (from Castle Peak Road to Tai Po Road Interchange)	A	91
3	Tsing Kwai Highway (from Mei Foo Sun Tsuen Phase 1 Western Slip Road to/from Mei Foo Roundabout to Ching Lai Court Slip Road to/from Ching Cheung Road)	A	107
4	Un Chau Street	A	95
5	Cheung Sha Wan Road (close to Sham Shui Po MTR)	B	107
6	Junction of Cheung Sha Wan Rd and Yen Chow Street (close to Sham Shui Po MTR)	B	142
7	Fuk Wah Street (between Kweilin Street and Nam Cheong Street)	B	61
8	Tung Chau Street (under West Kowloon Corridor)	C	81
9	Cheung Sha Wan Road (close to Lai Chi Kok MTR)	C	129
10	Cheung Sha Wan Road (close to Lai Chi Kok MTR)	C	96

Kowloon City District			
1	Prince Edward Road East (from the Nullah to Prince Edward Road West)	A	113
2	Prince Edward Road East (from the Nullah to Prince Edward Road West)	A	122
3	Chatham Rd North (from Wuhu Street to Hong Chong Road)	A	106
4	Chatham Rd North (from Wuhu Street to Hong Chong Road)	A	119
5	Tak On Street (Whampoa Garden)	B	104
6	Shung King Street (Whampoa Garden)	B	61
7	Ma Tau Chung Road	B	143
8	Ma Tau Kok Road	B	102
9	Hung Hom Bypass (under Harbour Place)	C	75
10	Hung Hom Bypass (under Harbour Place)	C	87
11	Fat Kwong Flyover	C	91
12	Fat Kwong Flyover	C	77
13	Chatham Rd North (under East Kowloon Corridor)	C	107
14	Chatham Rd North (under East Kowloon Corridor)	C	109
Wong Tai Sin District			
1	Prince Edward Road East (from Choi Hung Bus Terminus to Eastern Road)	A	105
2	Prince Edward Road East (from Choi Hung Bus Terminus to Eastern Road)	A	74
3	Lung Cheung Road (from Hammer Hill Road to Wong Kuk Avenue)	A	82
4	Lung Cheung Road (from Hammer Hill Road to Wong Kuk Avenue)	A	103
5	Lung Cheung Road (close to Wong Tai Sin MTR)	B	101
6	Lung Cheung Road (close to Wong Tai Sin MTR)	B	117
7	Wang Tau Hom South Road	C	70
8	Wang Tau Hom South Road	C	93
9	Chuk Yuen Road (close to Chuk Yuen Sports Centre)	C	67

10	Chuk Yuen Road (close to Chuk Yuen Sports Centre)	C	73
11	Lung Cheung Road (under Po Kong Village Road)	C	125
12	Lung Cheung Road (under Po Kong Village Road)	C	105
Eastern District			
1	Gloucester Road / Victoria Park Road (from Cross Harbour Tunnel South Interchange to Houston Street)	A	82
2	Gloucester Road / Victoria Park Road (from Cross Harbour Tunnel South Interchange to Houston Street)	A	135
3	Island Eastern Corridor (from Hing Fat Street Interchange to Tong Shui Road Interchange)	A	77
4	Island Eastern Corridor (from Hing Fat Street Interchange to Tong Shui Road Interchange)	A	81
5	King's Road (close to North Point MTR)	B	152
6	King's Road (close to Ming Yuen Western Street)	B	77
7	King's Rd (close to Fortress Hill MTR)	B	117
8	King's Rd (close to Fortress Hill MTR)	B	88
9	King's Rd (between North Point MTR and Fortress Hill MTR)	C	133
10	King's Rd (between North Point MTR and Fortress Hill MTR)	C	154
Southern District			
1	Wong Chuk Hang Road (from Nam Long Shan Road to Nam Fung Road)	A	75
2	Wong Chuk Hang Road (from Nam Long Shan Road to Nam Fung Road)	A	90
3	Wong Chuk Hang Road (from Nam Long Shan Road to Ap Lei Chau Bridge)	A	86
4	Wong Chuk Hang Road (from Nam Long Shan Road to Ap Lei Chau Bridge)	A	149
5	Nam Ning Street (close to Hoi Wu Court, Aberdeen Centre)	B	75
6	Nam Ning Street (close to Hoi Wu Court, Aberdeen Centre)	B	79

7	Wong Chuk Hang Road (between Yip Fat Street and Tong Bin Lane)	C	117
8	Wong Chuk Hang Road (between Yip Fat Street and Tong Bin Lane)	C	111
Yau Tsim Mong District			
1	Close to Mong Kok AQMS (Junction of Nathan Road and Lai Chi Kok Road)	A	141
2	Bute Street (close to Fa Yuen Street)	B	78
3	Sai Yee Street	C	99
Wan Chai District			
1	Close to Causeway Bay AQMS (1 Yee Wo Street, Causeway Bay)	A	134
2	Paterson Street	B	73
3	Paterson Street	C	78
Central & Western District			
1	Close to Central AQMS (Junction of Des Voeux Road Central & Chater Road)	A	106
2	D'Aguilar Street (close to Lan Kwai Fong)	B	82
3	D'Aguilar Street (close to Entertainment Building)	C	115