

Appendix G

Impact Air Quality
Monitoring Results and
Graphical Presentation

1-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8A

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)		
TMCLKL	HY/2012/07	2016-12-01	ASR8A	8:34	1-hr TSP	93	394	500		
TMCLKL	HY/2012/07	2016-12-01	ASR8A	9:36	1-hr TSP	104				
TMCLKL	HY/2012/07	2016-12-01	ASR8A	10:38	1-hr TSP	87				
TMCLKL	HY/2012/07	2016-12-07	ASR8A	13:20	1-hr TSP	115				
TMCLKL	HY/2012/07	2016-12-07	ASR8A	14:22	1-hr TSP	82				
TMCLKL	HY/2012/07	2016-12-07	ASR8A	15:24	1-hr TSP	115				
TMCLKL	HY/2012/07	2016-12-13	ASR8A	8:12	1-hr TSP	88				
TMCLKL	HY/2012/07	2016-12-13	ASR8A	9:14	1-hr TSP	79				
TMCLKL	HY/2012/07	2016-12-13	ASR8A	10:16	1-hr TSP	84				
TMCLKL	HY/2012/07	2016-12-19	ASR8A	8:33	1-hr TSP	73				
TMCLKL	HY/2012/07	2016-12-19	ASR8A	9:35	1-hr TSP	60				
TMCLKL	HY/2012/07	2016-12-19	ASR8A	10:37	1-hr TSP	47				
TMCLKL	HY/2012/07	2016-12-22	ASR8A	8:00	1hr TSP	125				
TMCLKL	HY/2012/07	2016-12-22	ASR8A	9:02	1-hr TSP	66				
TMCLKL	HY/2012/07	2016-12-22	ASR8A	10:04	1-hr TSP	65				
TMCLKL	HY/2012/07	2016-12-28	ASR8A	9:20	1-hr TSP	99				
TMCLKL	HY/2012/07	2016-12-28	ASR8A	10:22	1-hr TSP	88				
TMCLKL	HY/2012/07	2016-12-28	ASR8A	11:24	1-hr TSP	95				
					Average	87				
					Min.	47				
					Max.	125				

1-hour TSP Monitoring Results at Air Quality Monitoring Station ASR9

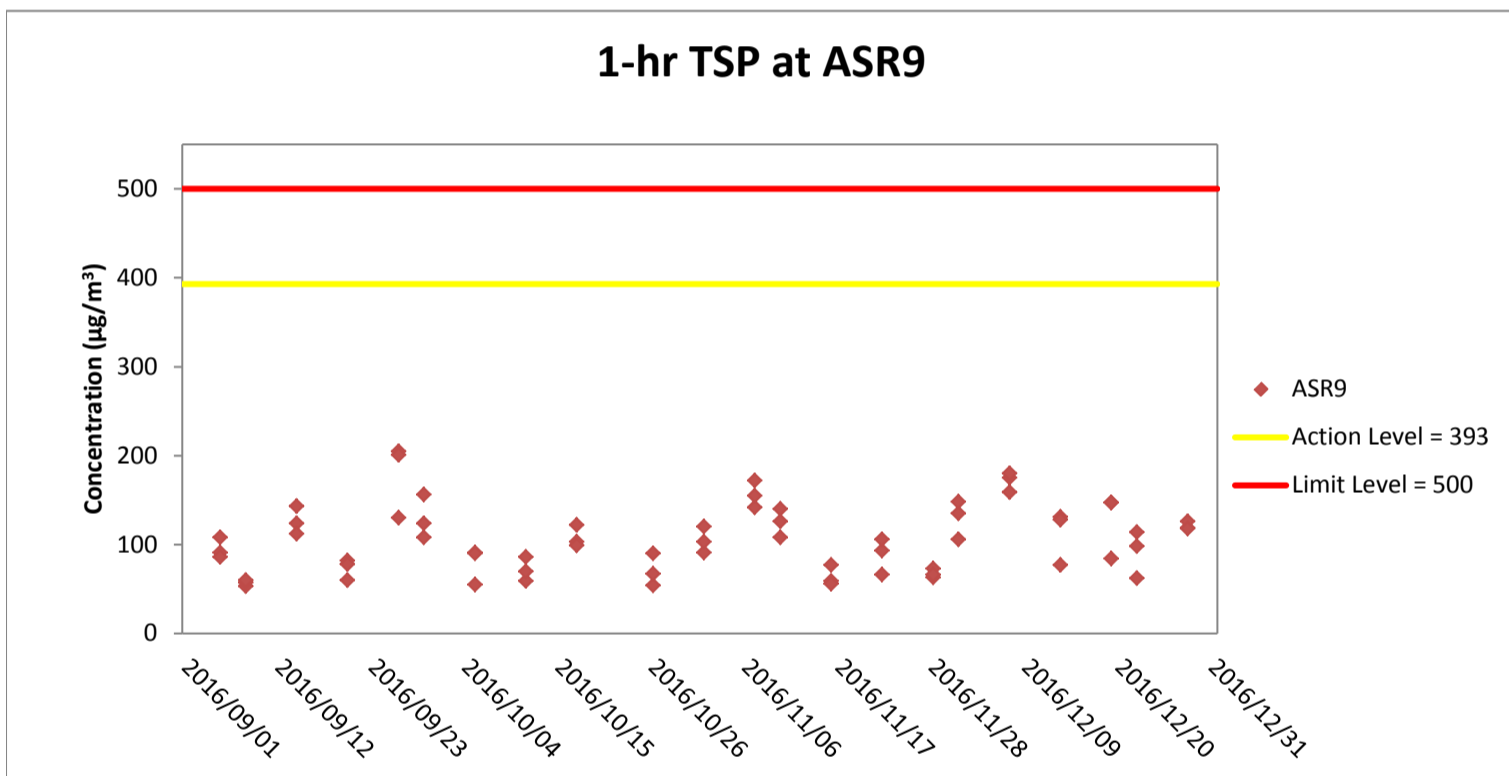
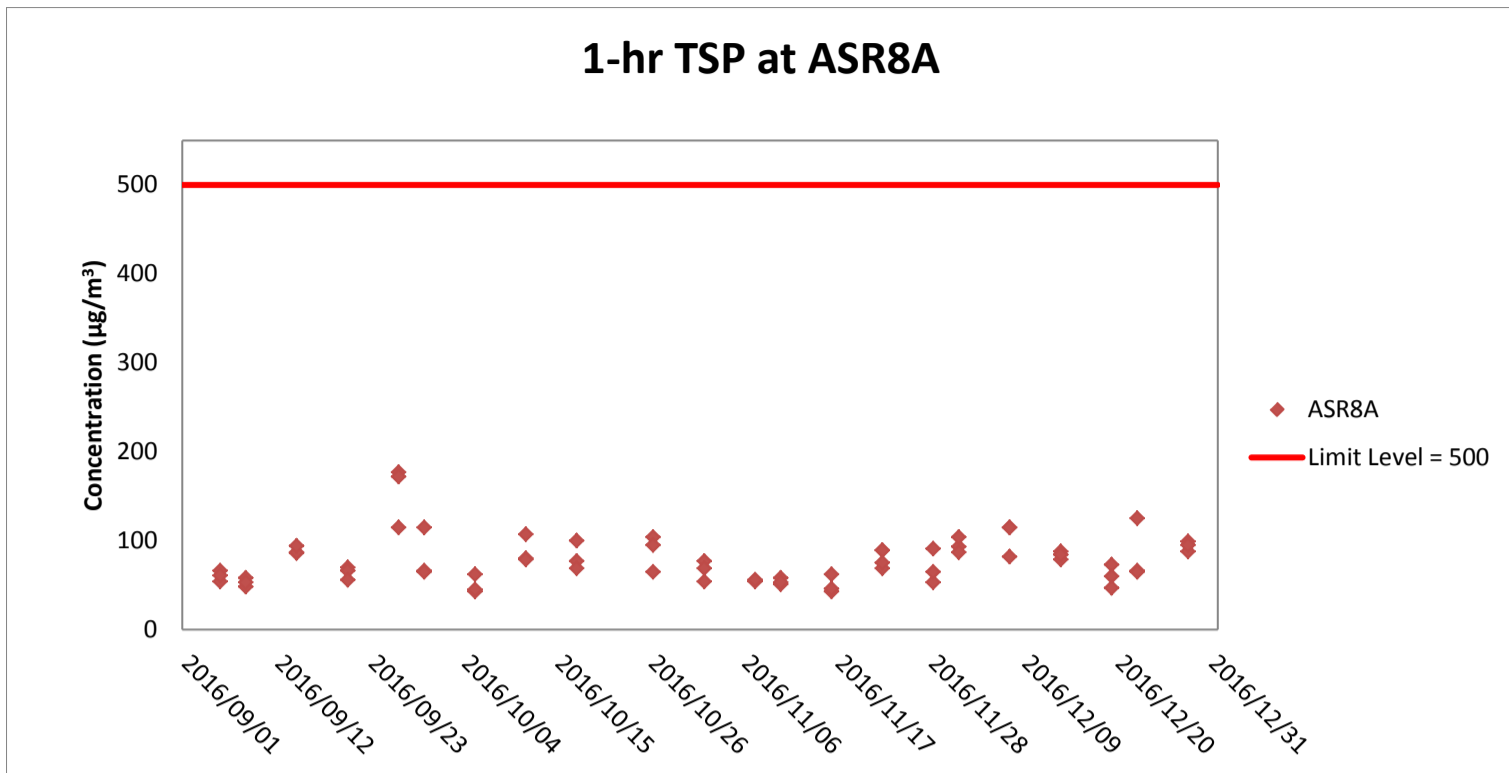
Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)		
TMCLKL	HY/2012/07	2016-12-01	ASR9	8:44	1-hr TSP	135	393	500		
TMCLKL	HY/2012/07	2016-12-01	ASR9	9:46	1-hr TSP	148				
TMCLKL	HY/2012/07	2016-12-01	ASR9	10:48	1-hr TSP	106				
TMCLKL	HY/2012/07	2016-12-07	ASR9	13:30	1-hr TSP	159				
TMCLKL	HY/2012/07	2016-12-07	ASR9	14:32	1-hr TSP	175				
TMCLKL	HY/2012/07	2016-12-07	ASR9	15:34	1-hr TSP	180				
TMCLKL	HY/2012/07	2016-12-13	ASR9	8:23	1-hr TSP	131				
TMCLKL	HY/2012/07	2016-12-13	ASR9	9:25	1-hr TSP	77				
TMCLKL	HY/2012/07	2016-12-13	ASR9	10:27	1-hr TSP	128				
TMCLKL	HY/2012/07	2016-12-19	ASR9	8:43	1-hr TSP	147				
TMCLKL	HY/2012/07	2016-12-19	ASR9	9:45	1-hr TSP	84				
TMCLKL	HY/2012/07	2016-12-19	ASR9	10:47	1-hr TSP	147				
TMCLKL	HY/2012/07	2016-12-22	ASR9	8:10	1-hr TSP	62				
TMCLKL	HY/2012/07	2016-12-22	ASR9	9:12	1-hr TSP	114				
TMCLKL	HY/2012/07	2016-12-22	ASR9	10:14	1-hr TSP	98				
TMCLKL	HY/2012/07	2016-12-28	ASR9	9:30	1-hr TSP	119				
TMCLKL	HY/2012/07	2016-12-28	ASR9	10:32	1-hr TSP	126				
TMCLKL	HY/2012/07	2016-12-28	ASR9	11:34	1-hr TSP	118				
					Average	125				
					Min.	62				
					Max.	180				

24-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8A

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2016-12-01	ASR8A	11:40	24-hr TSP	69	178	260
TMCLKL	HY/2012/07	2016-12-07	ASR8A	16:26	24-hr TSP	76		
TMCLKL	HY/2012/07	2016-12-13	ASR8A	11:18	24-hr TSP	68		
TMCLKL	HY/2012/07	2016-12-19	ASR8A	11:39	24-hr TSP	46		
TMCLKL	HY/2012/07	2016-12-22	ASR8A	11:06	24-hr TSP	54		
TMCLKL	HY/2012/07	2016-12-28	ASR8A	12:26	24-hr TSP	78		
						Average	65	
						Min.	46	
						Max.	78	

24-hour TSP Monitoring Results at Air Quality Monitoring Station ASR9

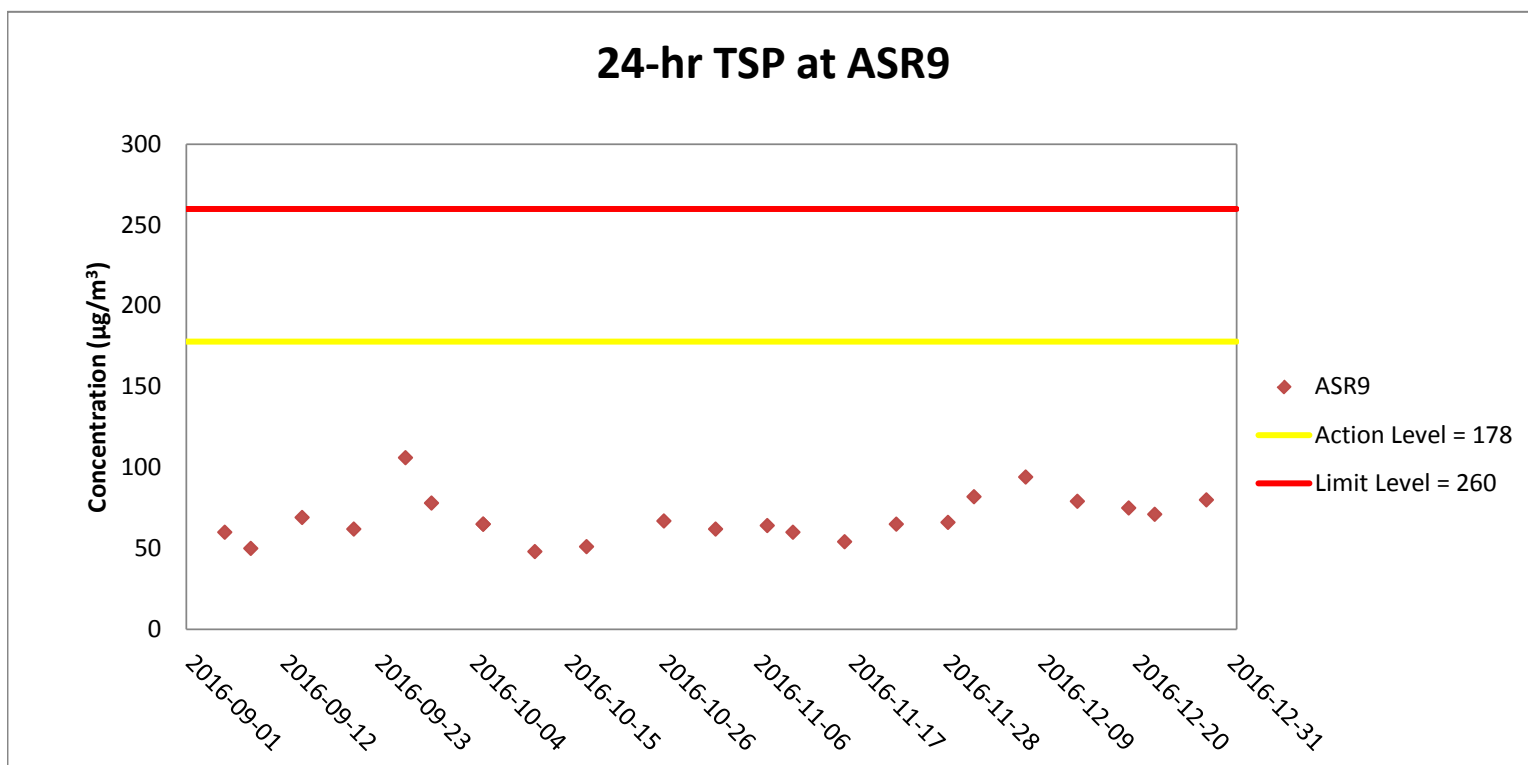
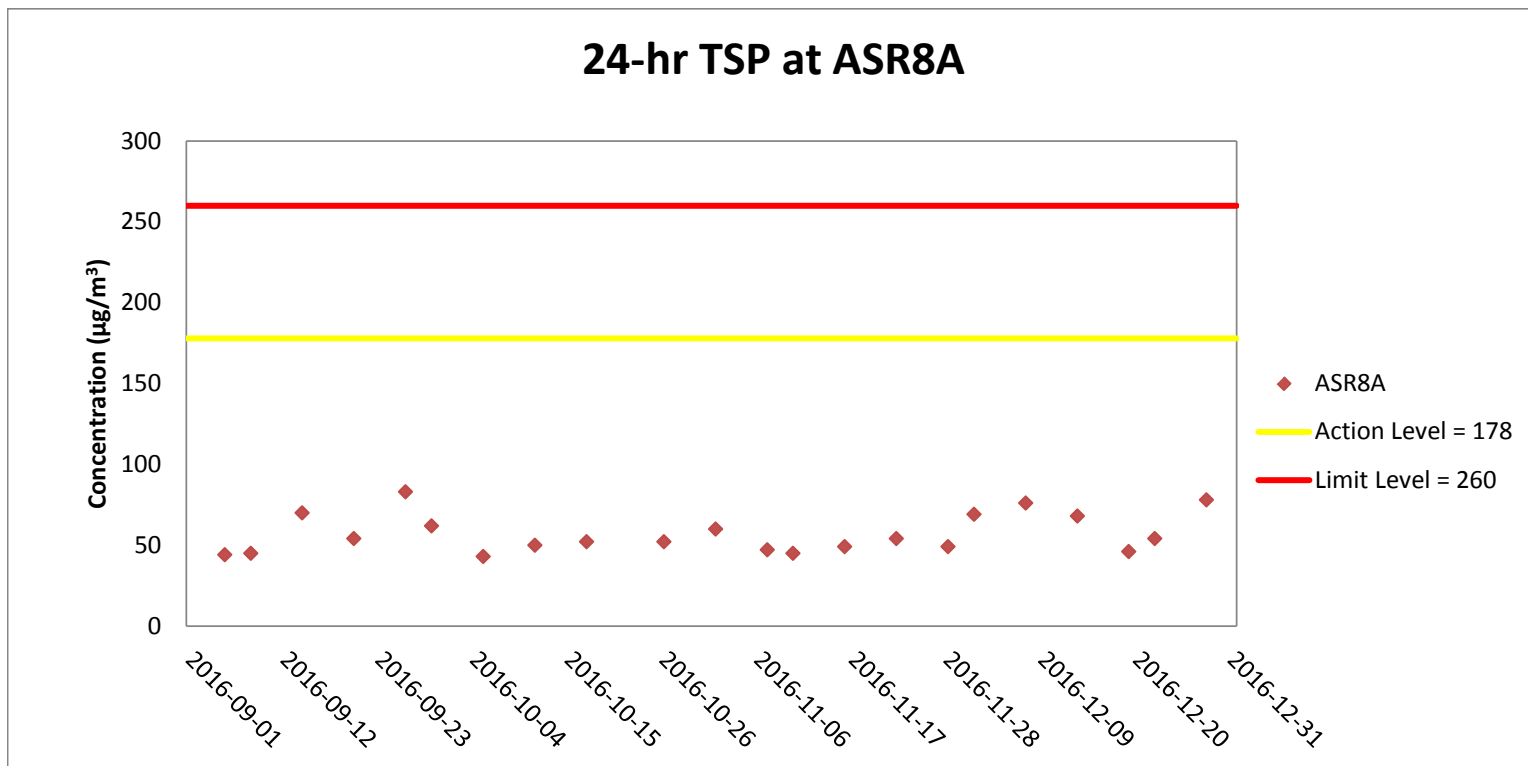
Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2016-12-01	ASR9	11:50	24-hr TSP	82	178	260
TMCLKL	HY/2012/07	2016-12-07	ASR9	16:36	24-hr TSP	94		
TMCLKL	HY/2012/07	2016-12-13	ASR9	11:29	24-hr TSP	79		
TMCLKL	HY/2012/07	2016-12-19	ASR9	11:49	24-hr TSP	75		
TMCLKL	HY/2012/07	2016-12-22	ASR9	11:16	24-hr TSP	71		
TMCLKL	HY/2012/07	2016-12-28	ASR9	12:36	24-hr TSP	80		
						Average	80	
						Min.	71	
						Max.	94	



Weather condition within the reporting period varied between sunny to rainy.

Major construction works undertaken within the reporting period include Pier construction; Re-alignment of Cheung Tung Road; Road works along North Lantau Highway;; Installation of pier head and deck segments; and Slope work of Viaducts A, B & C.

Marine works within the reporting period include Construction and installation of pile caps; Uninstallation of marine piling platform; Pier construction; Launching gantry operation; and Installation of deck segment and pier head segment.



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