

## 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	2014-10-03	ASR8A	8:00	1-hr TSP	113	394	500		
TMCLKL	HY/2012/07	2014-10-03	ASR8A	9:02	1-hr TSP	70				
TMCLKL	HY/2012/07	2014-10-03	ASR8A	10:04	1-hr TSP	78				
TMCLKL	HY/2012/07	2014-10-09	ASR8A	8:10	1-hr TSP	141				
TMCLKL	HY/2012/07	2014-10-09	ASR8A	9:12	1-hr TSP	132				
TMCLKL	HY/2012/07	2014-10-09	ASR8A	10:14	1-hr TSP	128				
TMCLKL	HY/2012/07	2014-10-15	ASR8A	8:33	1-hr TSP	175				
TMCLKL	HY/2012/07	2014-10-15	ASR8A	9:35	1-hr TSP	112				
TMCLKL	HY/2012/07	2014-10-15	ASR8A	10:37	1-hr TSP	118				
TMCLKL	HY/2012/07	2014-10-21	ASR8A	8:20	1-hr TSP	126				
TMCLKL	HY/2012/07	2014-10-21	ASR8A	9:22	1-hr TSP	112				
TMCLKL	HY/2012/07	2014-10-21	ASR8A	10:24	1-hr TSP	151				
TMCLKL	HY/2012/07	2014-10-27	ASR8A	8:00	1-hr TSP	114				
TMCLKL	HY/2012/07	2014-10-27	ASR8A	9:02	1-hr TSP	54				
TMCLKL	HY/2012/07	2014-10-27	ASR8A	10:04	1-hr TSP	66				
TMCLKL	HY/2012/07	2014-10-30	ASR8A	8:15	1-hr TSP	58				
TMCLKL	HY/2012/07	2014-10-30	ASR8A	9:17	1-hr TSP	63				
TMCLKL	HY/2012/07	2014-10-30	ASR8A	10:19	1-hr TSP	102				
					Average	106				
					Min.	54				
					Max.	175				

## 1-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8

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	2014-10-03	ASR8	8:11	1-hr TSP	101	393	500		
TMCLKL	HY/2012/07	2014-10-03	ASR8	9:13	1-hr TSP	71				
TMCLKL	HY/2012/07	2014-10-03	ASR8	10:15	1-hr TSP	79				
TMCLKL	HY/2012/07	2014-10-09	ASR8	8:21	1-hr TSP	121				
TMCLKL	HY/2012/07	2014-10-09	ASR8	9:23	1-hr TSP	118				
TMCLKL	HY/2012/07	2014-10-09	ASR8	10:25	1-hr TSP	113				
TMCLKL	HY/2012/07	2014-10-15	ASR8	8:45	1-hr TSP	168				
TMCLKL	HY/2012/07	2014-10-15	ASR8	9:47	1-hr TSP	193				
TMCLKL	HY/2012/07	2014-10-15	ASR8	10:49	1-hr TSP	243				
TMCLKL	HY/2012/07	2014-10-21	ASR8	8:30	1-hr TSP	176				
TMCLKL	HY/2012/07	2014-10-21	ASR8	9:32	1-hr TSP	146				
TMCLKL	HY/2012/07	2014-10-21	ASR8	10:34	1-hr TSP	194				
TMCLKL	HY/2012/07	2014-10-27	ASR8	8:12	1-hr TSP	143				
TMCLKL	HY/2012/07	2014-10-27	ASR8	9:14	1-hr TSP	96				
TMCLKL	HY/2012/07	2014-10-27	ASR8	10:16	1-hr TSP	157				
TMCLKL	HY/2012/07	2014-10-30	ASR8	8:26	1-hr TSP	77				
TMCLKL	HY/2012/07	2014-10-30	ASR8	9:28	1-hr TSP	67				
TMCLKL	HY/2012/07	2014-10-30	ASR8	10:30	1-hr TSP	83				
					Average	130				
					Min.	67				
					Max.	243				

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

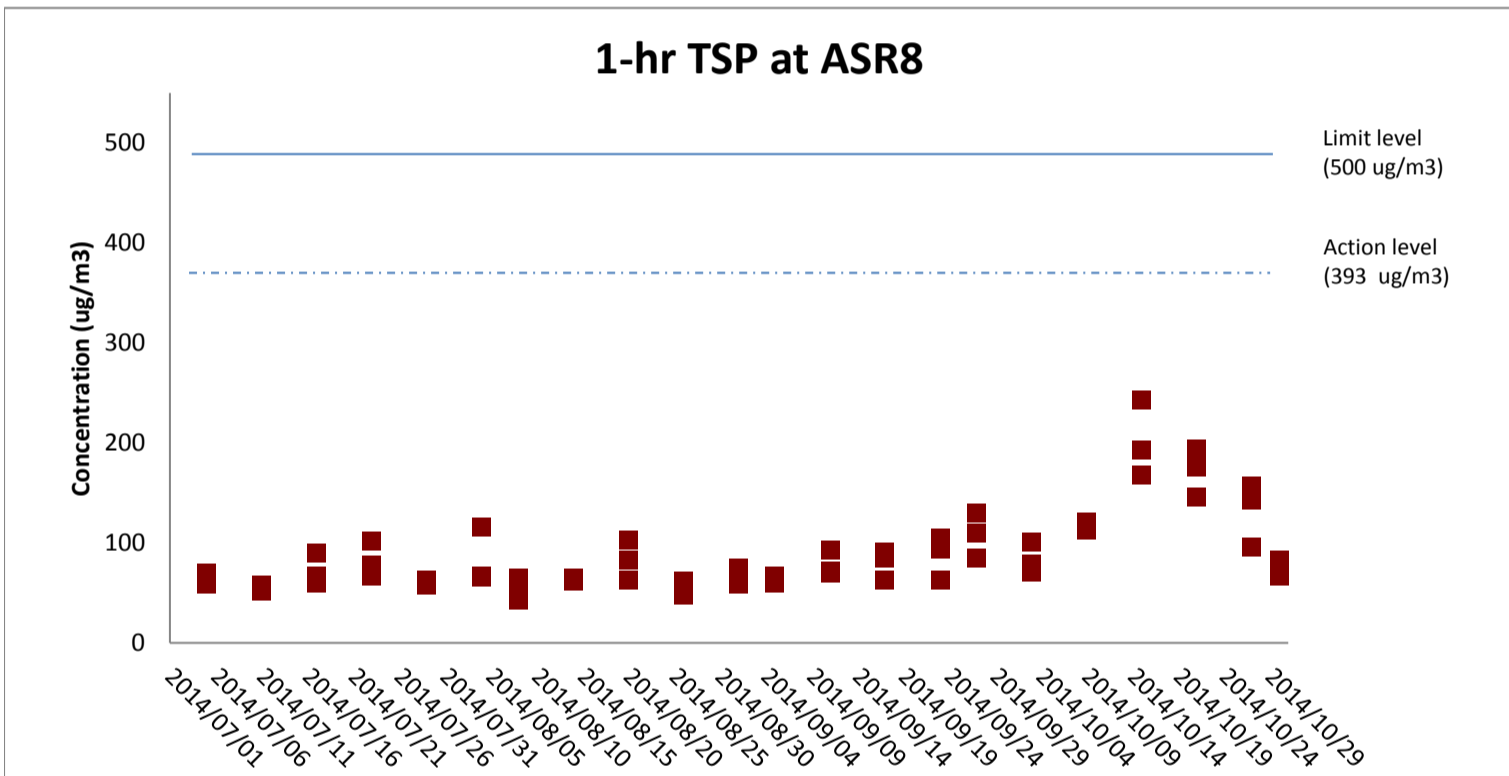
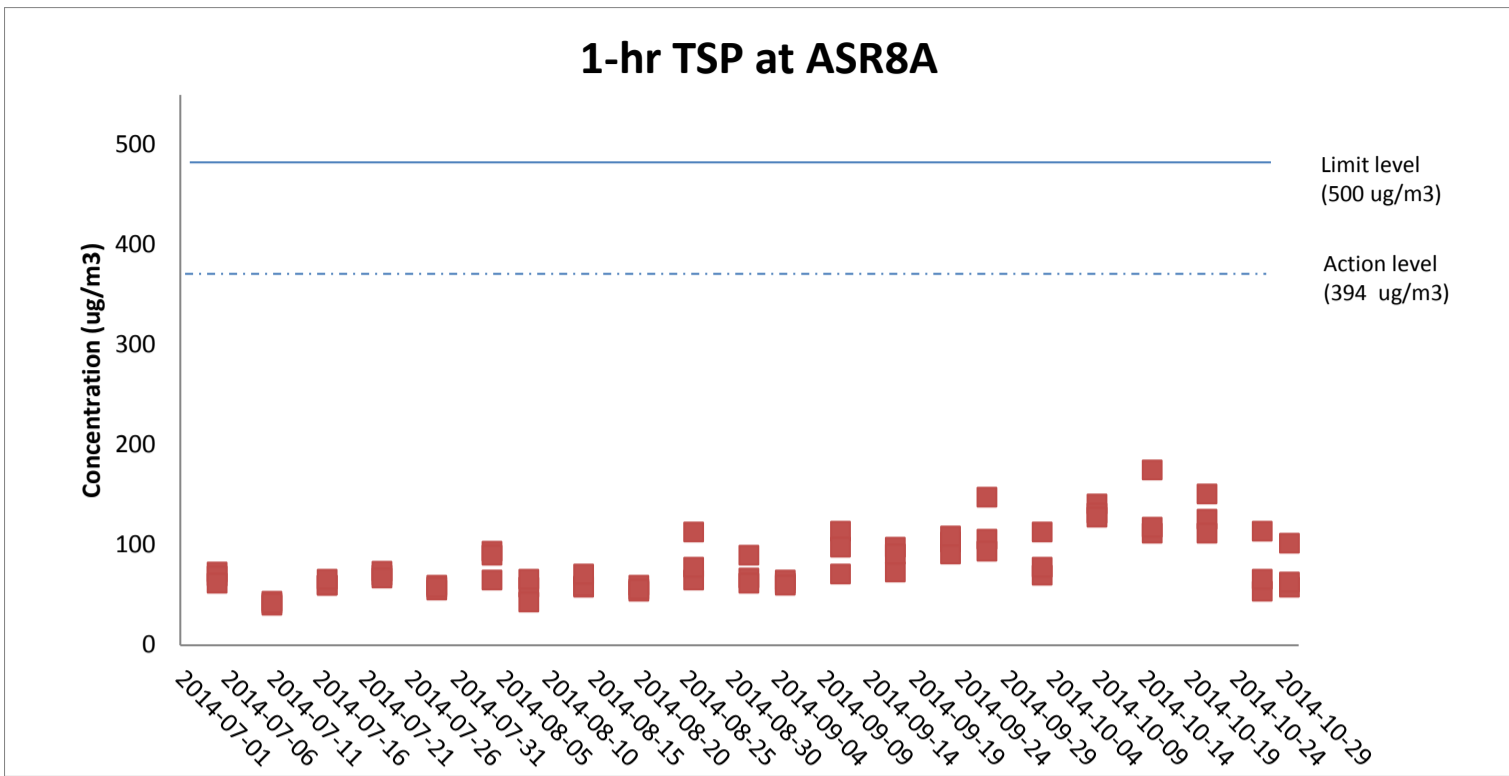
Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Parameter	Results (ug/m3)	Action Level (ug/m3)	Limit Level (ug/m3)
TMCLKL	HY/2012/07	2014-10-03	ASR8A	11:06	24-hr TSP	46	178	260
TMCLKL	HY/2012/07	2014-10-09	ASR8A	11:16	24-hr TSP	63		
TMCLKL	HY/2012/07	2014-10-15	ASR8A	11:39	24-hr TSP	79		
TMCLKL	HY/2012/07	2014-10-21	ASR8A	11:26	24-hr TSP	59		
TMCLKL	HY/2012/07	2014-10-27	ASR8A	11:06	24-hr TSP	56		
TMCLKL	HY/2012/07	2014-10-30	ASR8A	11:21	24-hr TSP	57		
						Average	60	
						Min.	46	
						Max.	79	

**24-hour TSP Monitoring Results at Air Quality Monitoring Station ASR8**

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	2014-10-03	ASR8	11:17	24-hr TSP	46	178	260
TMCLKL	HY/2012/07	2014-10-09	ASR8	11:27	24-hr TSP	72		
TMCLKL	HY/2012/07	2014-10-15	ASR8	11:51	24-hr TSP	101		
TMCLKL	HY/2012/07	2014-10-21	ASR8	11:36	24-hr TSP	70		
TMCLKL	HY/2012/07	2014-10-27	ASR8	11:18	24-hr TSP	79		
TMCLKL	HY/2012/07	2014-10-30	ASR8	11:32	24-hr TSP	57		
						Average	71	
						Min.	46	
						Max.	101	

Action Level Exceedance

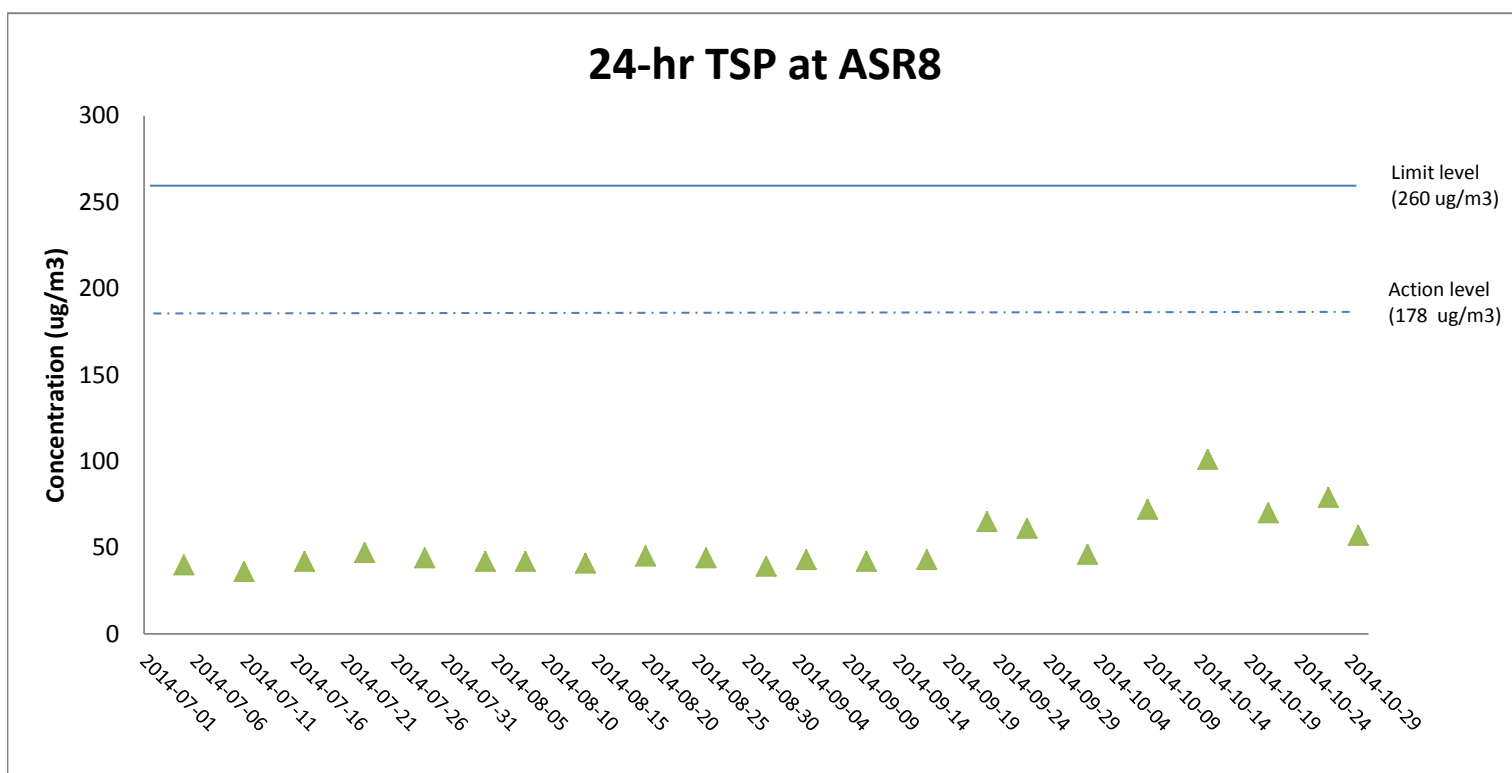
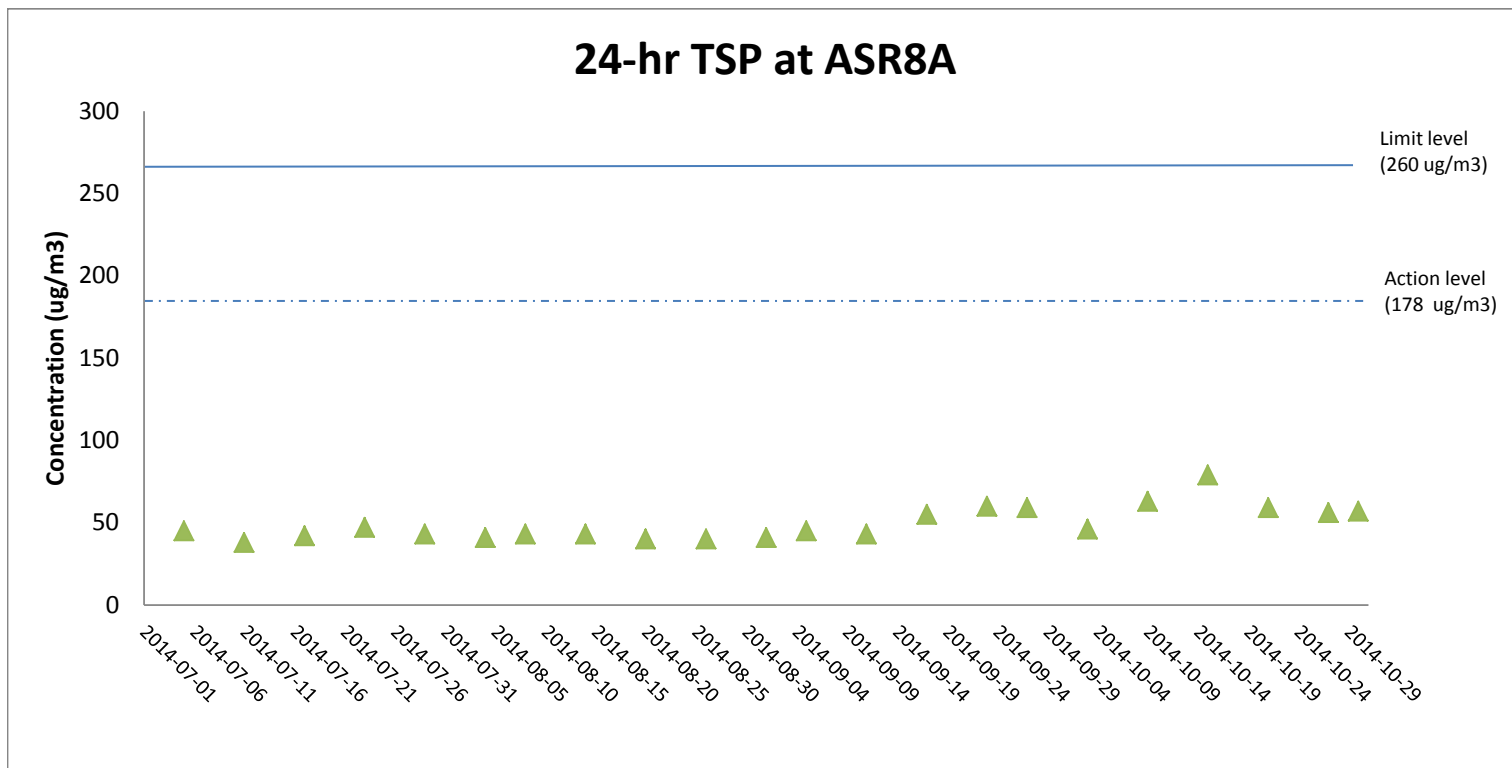
Limit Level Exceedance



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

Major construction works undertaken within the reporting period include Construction of pile cap superstructure of Viaduct B; Channel reconstruction at Area 1; Land Piling at Viaducts B, C & D; Construction of pile cap at Viaducts B & D; Additional land GI, trial pits & lab testing; Utility surveys; and Slope work of Slope 9SE-B/C8, 9SE-B/C9 & 9SE-B/F9.

Marine works within the reporting period include Construction of Pile caps at Viaduct B; Marine piling platform installation for Viaducts A, B, C & D; Marine Piling at Viaducts B, C, D & E; and Additional marine ground investigation (GI) and laboratory testing.



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Major construction works undertaken within the reporting period include Construction of pile cap superstructure of Viaduct B; Channel re-construction at Area 1; Land Piling at Viaducts B, C & D; Construction of pile cap at Viaducts B & D; Additional land GI, trial pits & lab testing; Utility surveys; and Slope work of Slope 9SE-B/C8, 9SE-B/C9 & 9SE-B/F9.

Marine works within the reporting period include Construction of Pile caps at Viaduct B; Marine piling platform installation for Viaducts A, B, C & D; Marine Piling at Viaducts B, C, D & E; and Additional marine ground investigation (GI) and laboratory testing.