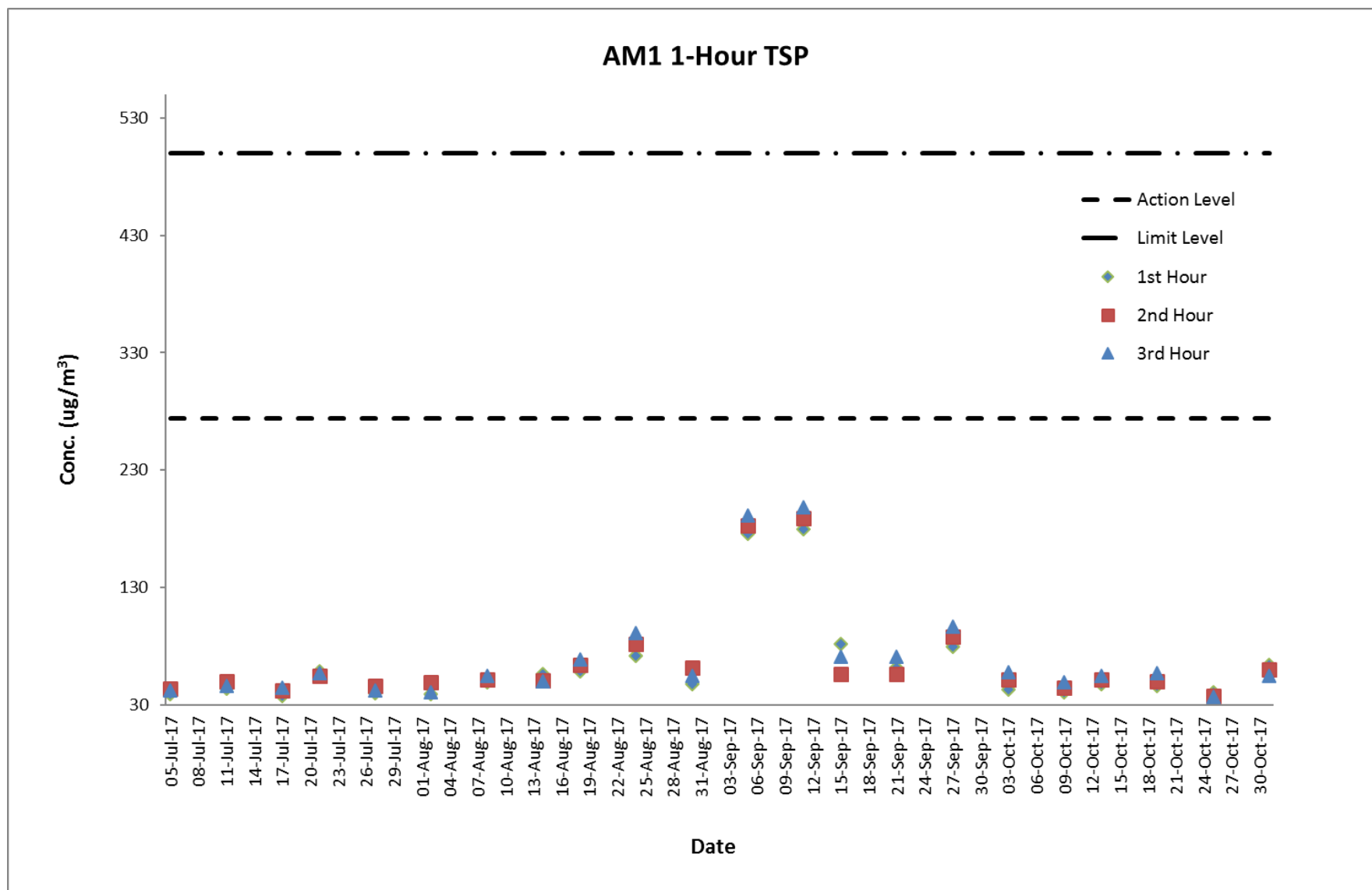


# **Air Quality Monitoring Result at Station AM1 (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
02-Aug-17	Cloudy	10:42 - 16:00	39	49	41	273.7	500
08-Aug-17	Fine	10:50 - 16:00	49	52	55	273.7	500
14-Aug-17	Sunny	10:40 - 16:00	56	51	50	273.7	500
18-Aug-17	Sunny	8:02 - 11:02	59	64	69	273.7	500
24-Aug-17	Fine	10:40 - 16:00	72	82	91	273.7	500
30-Aug-17	Fine	10:38 - 16:00	48	62	55	273.7	500
05-Sep-17	Fine	10:40 - 16:00	176	183	191	273.7	500
11-Sep-17	Sunny	10:40 - 16:00	180	189	198	273.7	500
15-Sep-17	Fine	8:00 - 11:00	82	56	71	273.7	500
21-Sep-17	Fine	10:48 - 16:00	62	56	71	273.7	500
27-Sep-17	Sunny	10:40 - 16:00	80	88	97	273.7	500
03-Oct-17	Sunny	10:48 - 16:00	43	52	58	273.7	500
09-Oct-17	Sunny	10:50 - 16:00	41	45	49	273.7	500
13-Oct-17	Sunny	8:00 - 11:00	48	52	55	273.7	500
19-Oct-17	Cloudy	10:42 - 16:00	46	50	57	273.7	500
25-Oct-17	Sunny	10:40 - 16:00	41	38	37	273.7	500
31-Oct-17	Sunny	10:30 - 16:00	64	60	55	273.7	500

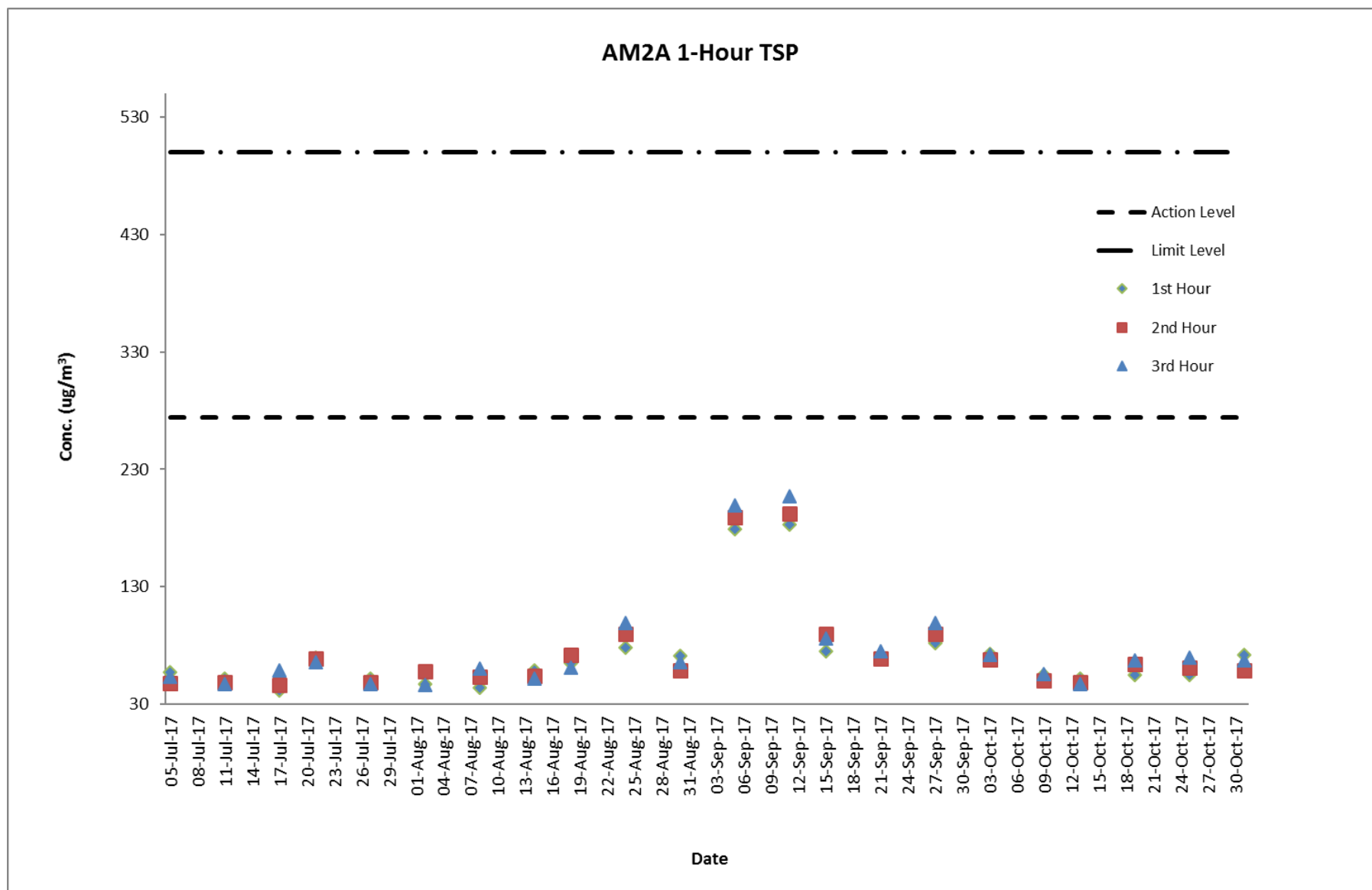
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



# **Air Quality Monitoring Result at Station AM2A (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
02-Aug-17	Cloudy	10:54 - 16:10	47	58	46	274.2	500
08-Aug-17	Fine	11:02 - 16:10	44	53	60	274.2	500
14-Aug-17	Sunny	10:52 - 16:10	59	54	52	274.2	500
18-Aug-17	Sunny	8:14 - 11:14	65	72	61	274.2	500
24-Aug-17	Fine	10:54 - 16:10	78	90	99	274.2	500
30-Aug-17	Fine	10:52 - 16:10	71	59	66	274.2	500
05-Sep-17	Fine	10:55 - 16:10	179	189	199	274.2	500
11-Sep-17	Sunny	10:57 - 16:10	183	192	207	274.2	500
15-Sep-17	Fine	8:12 - 11:12	75	90	86	274.2	500
21-Sep-17	Fine	11:02 - 16:10	71	69	75	274.2	500
27-Sep-17	Sunny	10:55 - 16:10	82	90	99	274.2	500
03-Oct-17	Sunny	11:02 - 16:10	73	68	72	274.2	500
09-Oct-17	Sunny	11:02 - 16:10	55	50	56	274.2	500
13-Oct-17	Sunny	8:14 - 11:14	52	49	47	274.2	500
19-Oct-17	Cloudy	10:54 - 16:10	55	64	67	274.2	500
25-Oct-17	Sunny	10:52 - 16:10	55	61	70	274.2	500
31-Oct-17	Sunny	10:45 - 16:10	72	59	67	274.2	500

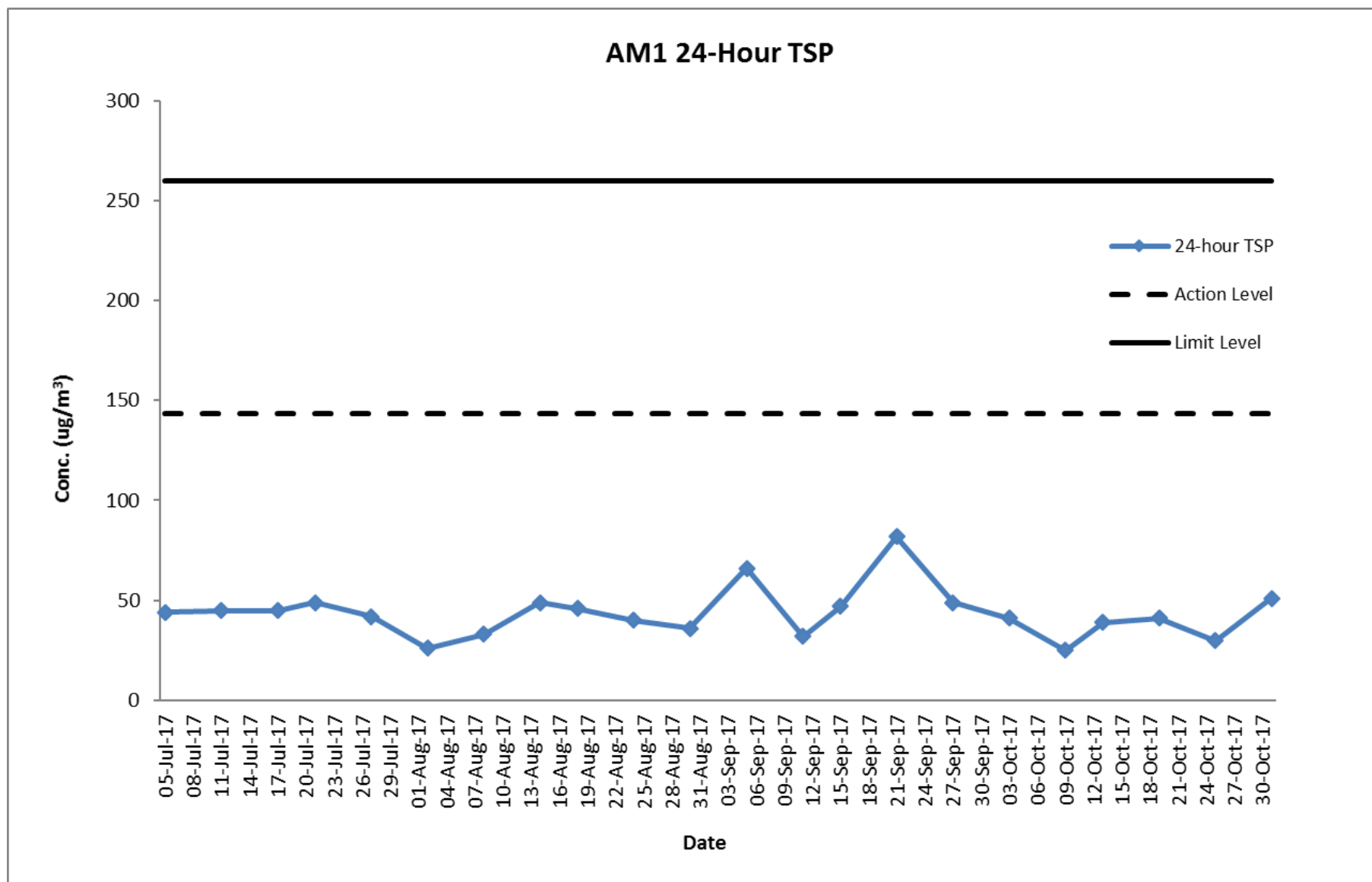
Graphical Presentation of Air Quality Monitoring Result at Station AM2A (1-hour TSP)



### Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
02-Aug-17	10:40	03-Aug-17	10:40	2.6397	2.6855	21384.38	21408.38	24	1.23	1.23	1.23	26	Cloudy	143.6	260
08-Aug-17	10:48	09-Aug-17	10:48	2.678	2.7365	21408.38	21432.38	24	1.23	1.23	1.23	33	Fine	143.6	260
14-Aug-17	10:38	15-Aug-17	10:38	2.7124	2.7991	21432.38	21456.38	24	1.23	1.23	1.23	49	Sunny	143.6	260
18-Aug-17	08:00	19-Aug-17	08:00	2.718	2.7998	21456.38	21480.38	24	1.23	1.23	1.23	46	Sunny	143.6	260
24-Aug-17	10:42	25-Aug-17	10:42	2.7219	2.7929	21480.38	21504.38	24	1.23	1.23	1.23	40	Fine	143.6	260
30-Aug-17	10:40	31-Aug-17	10:40	2.6819	2.745	21504.38	21528.38	24	1.23	1.23	1.23	36	Fine	143.6	260
05-Sep-17	10:42	06-Sep-17	10:42	2.6436	2.76	21528.38	21552.38	24	1.23	1.23	1.23	66	Fine	143.6	260
11-Sep-17	10:42	12-Sep-17	10:42	2.6236	2.6809	21552.38	21576.38	24	1.23	1.23	1.23	32	Sunny	143.6	260
15-Sep-17	08:02	16-Sep-17	08:02	2.6218	2.7046	21576.38	21600.38	24	1.23	1.23	1.23	47	Fine	143.6	260
21-Sep-17	10:50	22-Sep-17	10:50	2.6554	2.8009	21600.38	21624.38	24	1.23	1.23	1.23	82	Fine	143.6	260
27-Sep-17	10:42	28-Sep-17	10:42	2.6141	2.7009	21624.38	21648.38	24	1.23	1.23	1.23	49	Sunny	143.6	260
03-Oct-17	10:50	04-Oct-17	10:50	2.6185	2.691	21648.38	21672.38	24	1.23	1.23	1.23	41	Sunny	143.6	260
09-Oct-17	10:48	10-Oct-17	10:48	2.6455	2.6896	21672.38	21696.38	24	1.23	1.23	1.23	25	Sunny	143.6	260
13-Oct-17	08:02	14-Oct-17	08:02	2.6151	2.6829	21696.38	21720.38	24	1.22	1.22	1.22	39	Sunny	143.6	260
19-Oct-17	10:40	20-Oct-17	10:40	2.6423	2.7148	21720.38	21744.38	24	1.22	1.22	1.22	41	Cloudy	143.6	260
25-Oct-17	10:38	26-Oct-17	10:38	2.6619	2.714	21744.38	21768.38	24	1.22	1.22	1.22	30	Sunny	143.6	260
31-Oct-17	10:32	01-Nov-17	10:32	2.6328	2.7228	21768.38	21792.38	24	1.22	1.22	1.22	51	Sunny	143.6	260

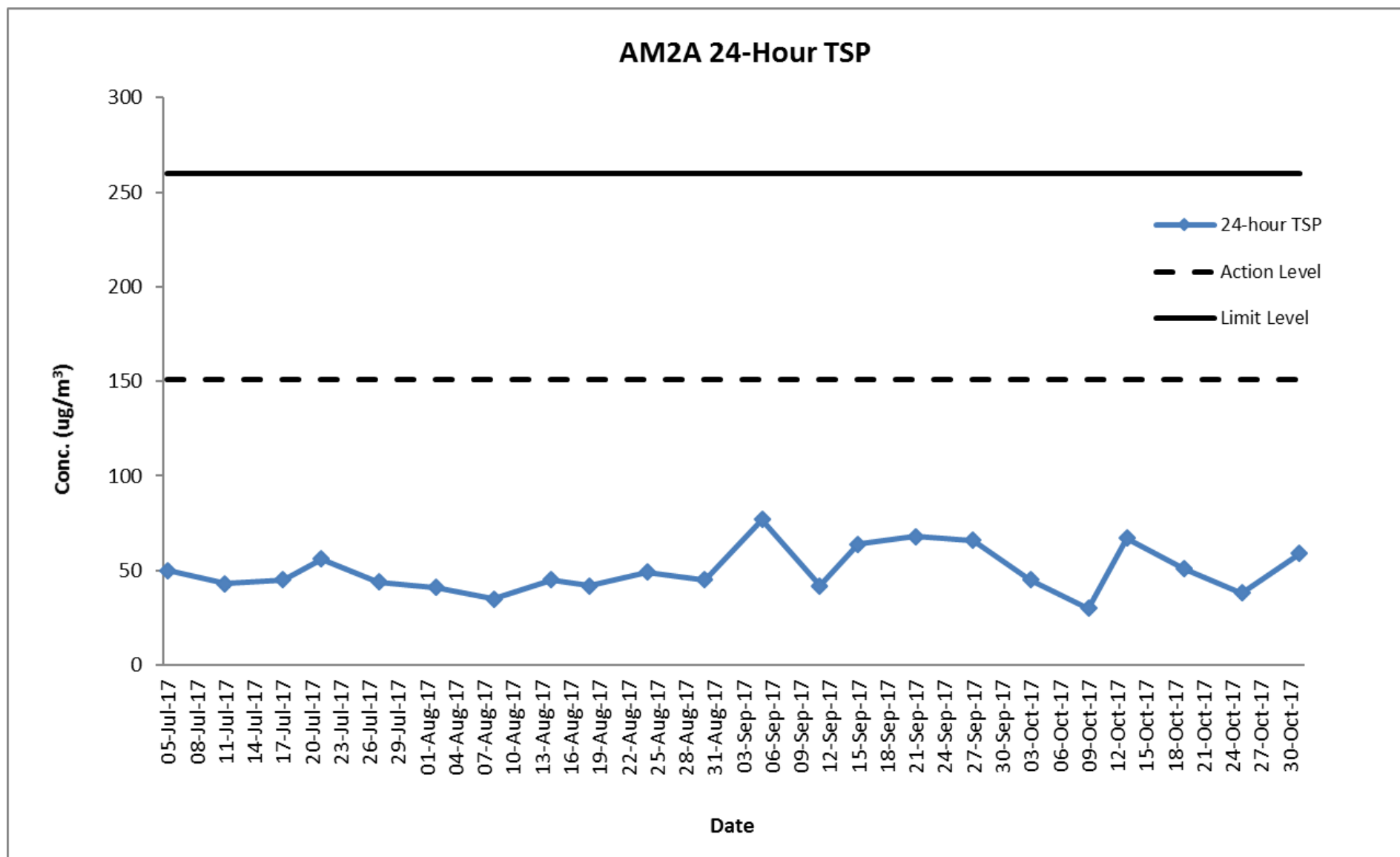
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



### Air Quality Monitoring Result at Station AM2A (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
02-Aug-17	10:52	03-Aug-17	10:52	2.618	2.6934	17039.59	17063.59	24	1.27	1.27	1.27	41	Cloudy	151.1	260
08-Aug-17	11:00	09-Aug-17	11:00	2.679	2.7427	17063.59	17087.59	24	1.27	1.27	1.27	35	Fine	151.1	260
14-Aug-17	10:50	15-Aug-17	10:50	2.7037	2.7841	17087.59	17111.59	24	1.24	1.24	1.24	45	Sunny	151.1	260
18-Aug-17	08:12	19-Aug-17	08:12	2.6664	2.7419	17111.59	17135.59	24	1.24	1.24	1.24	42	Sunny	151.1	260
24-Aug-17	10:52	25-Aug-17	10:52	2.684	2.771	17135.59	17159.59	24	1.24	1.24	1.24	49	Fine	151.1	260
30-Aug-17	10:50	31-Aug-17	10:50	2.6858	2.7659	17159.59	17183.59	24	1.24	1.24	1.24	45	Fine	151.1	260
05-Sep-17	10:52	06-Sep-17	10:52	2.6118	2.7501	17183.59	17207.59	24	1.24	1.24	1.24	77	Fine	151.1	260
11-Sep-17	10:52	12-Sep-17	10:52	2.623	2.6987	17207.59	17231.59	24	1.24	1.24	1.24	42	Sunny	151.1	260
15-Sep-17	08:14	16-Sep-17	08:14	2.6251	2.74	17231.59	17255.59	24	1.24	1.24	1.24	64	Fine	151.1	260
21-Sep-17	11:00	22-Sep-17	11:00	2.6503	2.7711	17255.59	17279.59	24	1.24	1.24	1.24	68	Fine	151.1	260
27-Sep-17	10:52	28-Sep-17	10:52	2.6318	2.7494	17279.59	17303.59	24	1.24	1.24	1.24	66	Sunny	151.1	260
03-Oct-17	11:00	04-Oct-17	11:00	2.6188	2.7	17303.59	17327.59	24	1.24	1.24	1.24	45	Sunny	151.1	260
09-Oct-17	11:00	10-Oct-17	11:00	2.6229	2.677	17327.59	17351.59	24	1.24	1.24	1.24	30	Sunny	151.1	260
13-Oct-17	08:12	14-Oct-17	08:12	2.6366	2.7571	17351.59	17375.59	24	1.25	1.25	1.25	67	Sunny	151.1	260
19-Oct-17	10:52	20-Oct-17	10:52	2.6575	2.7497	17375.59	17399.59	24	1.25	1.25	1.25	51	Cloudy	151.1	260
25-Oct-17	10:50	26-Oct-17	10:50	2.6435	2.7122	17399.59	17423.59	24	1.25	1.25	1.25	38	Sunny	151.1	260
31-Oct-17	10:42	01-Nov-17	10:42	2.6704	2.7772	17423.59	17447.59	24	1.25	1.25	1.25	59	Sunny	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (24-hour TSP)





# **Noise Monitoring Result at Station NM1A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
02-Aug-17	16:00	68.9	63.1	69
02-Aug-17	16:05	67.9	62.9	
02-Aug-17	16:10	69.0	64.1	
02-Aug-17	16:15	67.7	63.9	
02-Aug-17	16:20	68.4	64.1	
02-Aug-17	16:25	68.0	63.9	
08-Aug-17	14:00	67.1	62.1	68
08-Aug-17	14:05	68.0	63.1	
08-Aug-17	14:10	67.9	62.9	
08-Aug-17	14:15	66.7	60.9	
08-Aug-17	14:20	66.4	61.7	
08-Aug-17	14:25	67.0	63.1	
14-Aug-17	14:00	68.0	63.1	69
14-Aug-17	14:05	67.1	62.1	
14-Aug-17	14:10	67.9	63.9	
14-Aug-17	14:15	68.8	64.0	
14-Aug-17	14:20	67.0	63.1	
14-Aug-17	14:25	67.4	63.4	
24-Aug-17	14:00	68.0	63.9	69
24-Aug-17	14:05	69.4	64.7	
24-Aug-17	14:10	67.7	63.2	
24-Aug-17	14:15	67.9	63.4	
24-Aug-17	14:20	68.2	64.0	
24-Aug-17	14:25	68.8	63.9	
30-Aug-17	14:00	67.9	62.1	69
30-Aug-17	14:05	68.8	63.4	
30-Aug-17	14:10	69.0	63.7	
30-Aug-17	14:15	67.0	62.8	
30-Aug-17	14:20	67.4	63.7	
30-Aug-17	14:25	67.9	63.9	
05-Sep-17	14:00	68.0	64.1	69
05-Sep-17	14:05	67.7	63.7	
05-Sep-17	14:10	66.7	62.1	
05-Sep-17	14:15	67.8	63.2	
05-Sep-17	14:20	68.0	62.7	
05-Sep-17	14:25	69.1	63.9	
11-Sep-17	14:00	68.0	63.8	69
11-Sep-17	14:05	67.7	63.2	
11-Sep-17	14:10	68.5	63.7	
11-Sep-17	14:15	68.0	62.9	
11-Sep-17	14:20	68.9	63.8	
11-Sep-17	14:25	68.7	63.5	
21-Sep-17	14:00	68.2	63.1	69
21-Sep-17	14:05	68.7	64.1	
21-Sep-17	14:10	67.1	62.7	
21-Sep-17	14:15	68.4	63.2	
21-Sep-17	14:20	69.0	64.1	
21-Sep-17	14:25	68.7	63.8	

27-Sep-17	14:00	67.9	63.1	69
27-Sep-17	14:05	68.0	63.4	
27-Sep-17	14:10	68.8	63.9	
27-Sep-17	14:15	67.7	63.5	
27-Sep-17	14:20	67.9	63.7	
27-Sep-17	14:25	68.0	63.9	
03-Oct-17	14:00	68.0	63.4	69
03-Oct-17	14:05	67.9	62.7	
03-Oct-17	14:10	68.8	63.8	
03-Oct-17	14:15	68.5	63.5	
03-Oct-17	14:20	67.7	62.9	
03-Oct-17	14:25	69.0	63.9	
09-Oct-17	14:00	66.4	62.7	69
09-Oct-17	14:05	67.5	63.9	
09-Oct-17	14:10	68.0	64.1	
09-Oct-17	14:15	67.7	63.7	
09-Oct-17	14:20	67.4	63.5	
09-Oct-17	14:25	68.0	64.0	
19-Oct-17	14:00	68.9	63.9	69
19-Oct-17	14:05	67.9	63.2	
19-Oct-17	14:10	68.0	63.4	
19-Oct-17	14:15	68.8	64.1	
19-Oct-17	14:20	69.0	64.2	
19-Oct-17	14:25	67.7	63.7	
25-Oct-17	14:00	67.9	63.1	70
25-Oct-17	14:05	68.4	63.7	
25-Oct-17	14:10	69.0	64.0	
25-Oct-17	14:15	68.7	62.9	
25-Oct-17	14:20	69.0	63.8	
25-Oct-17	14:25	68.2	63.2	
31-Oct-17	14:00	69.0	65.0	71
31-Oct-17	14:05	70.1	66.2	
31-Oct-17	14:10	68.9	64.9	
31-Oct-17	14:15	69.0	65.1	
31-Oct-17	14:20	70.0	65.7	
31-Oct-17	14:25	70.7	66.2	

**Remarks:**

+3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

## Graphical Presentation Noise Monitoring Result at Station NM1A

