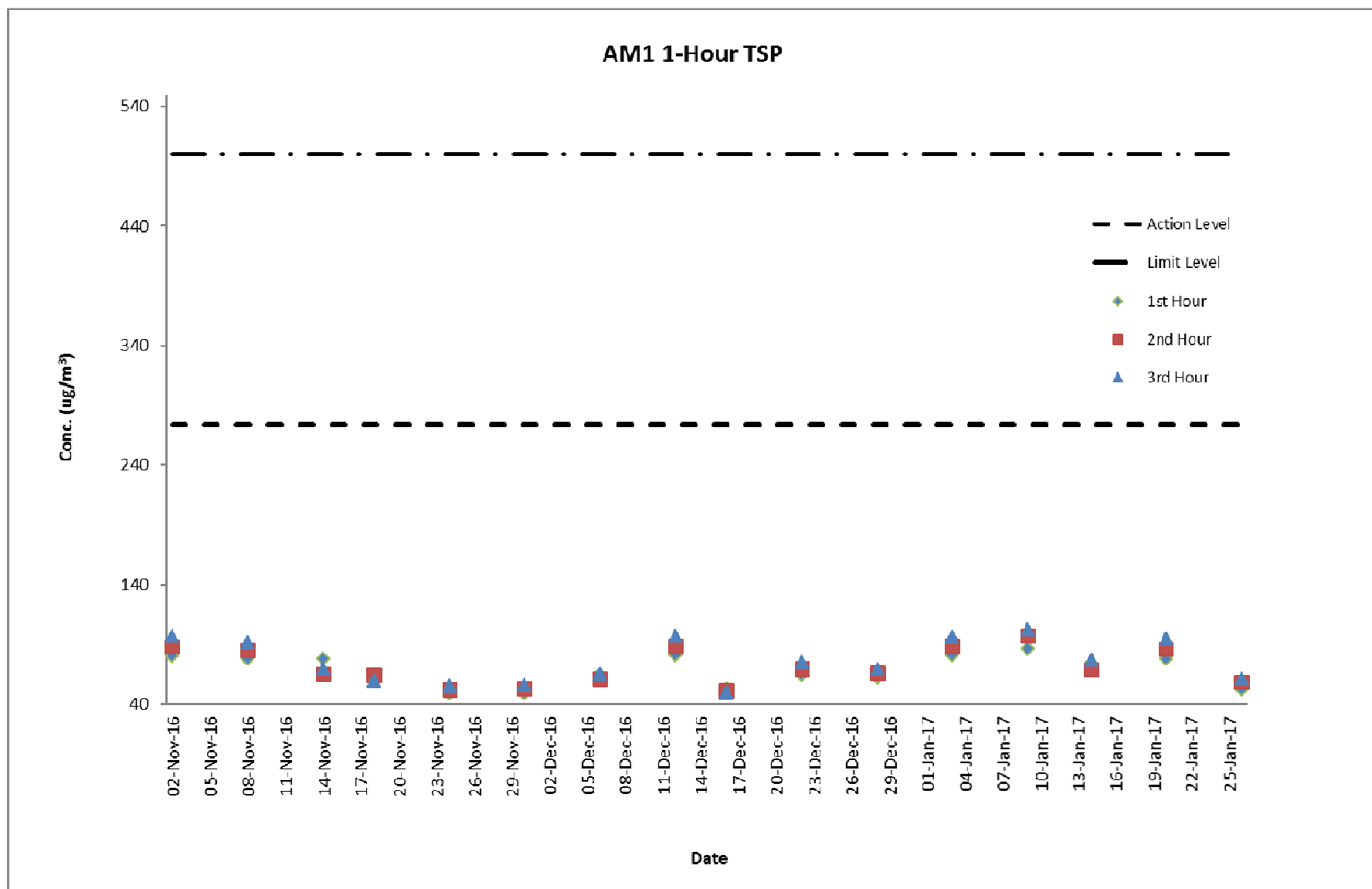


# **Air Quality Monitoring Result at Station AM1 (1-hour TSP)**

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-Nov-16	Sunny	10:40	-	16:00	80	88	97	273.7	500
08-Nov-16	Sunny	10:48	-	16:00	78	85	92	273.7	500
14-Nov-16	Sunny	10:42	-	16:00	78	65	70	273.7	500
18-Nov-16	Cloudy	8:00	-	11:00	59	64	60	273.7	500
24-Nov-16	Cloudy	10:40	-	16:00	49	52	55	273.7	500
30-Nov-16	Sunny	10:42	-	16:00	49	53	56	273.7	500
06-Dec-16	Fine	10:48	-	16:00	64	61	65	273.7	500
12-Dec-16	Cloudy	10:52	-	16:00	81	89	97	273.7	500
16-Dec-16	Sunny	8:02	-	11:02	53	51	50	273.7	500
22-Dec-16	Fine	10:50	-	16:00	64	70	75	273.7	500
28-Dec-16	Fine	10:48	-	16:00	62	66	70	273.7	500
03-Jan-17	Sunny	10:48	-	16:00	81	89	96	273.7	500
09-Jan-17	Cloudy	10:42	-	16:00	86	97	102	273.7	500
14-Jan-17	Cloudy	8:02	-	11:02	74	69	77	273.7	500
20-Jan-17	Sunny	10:40	-	16:00	78	86	95	273.7	500
26-Jan-17	Sunny	11:02	-	16:00	52	58	61	273.7	500

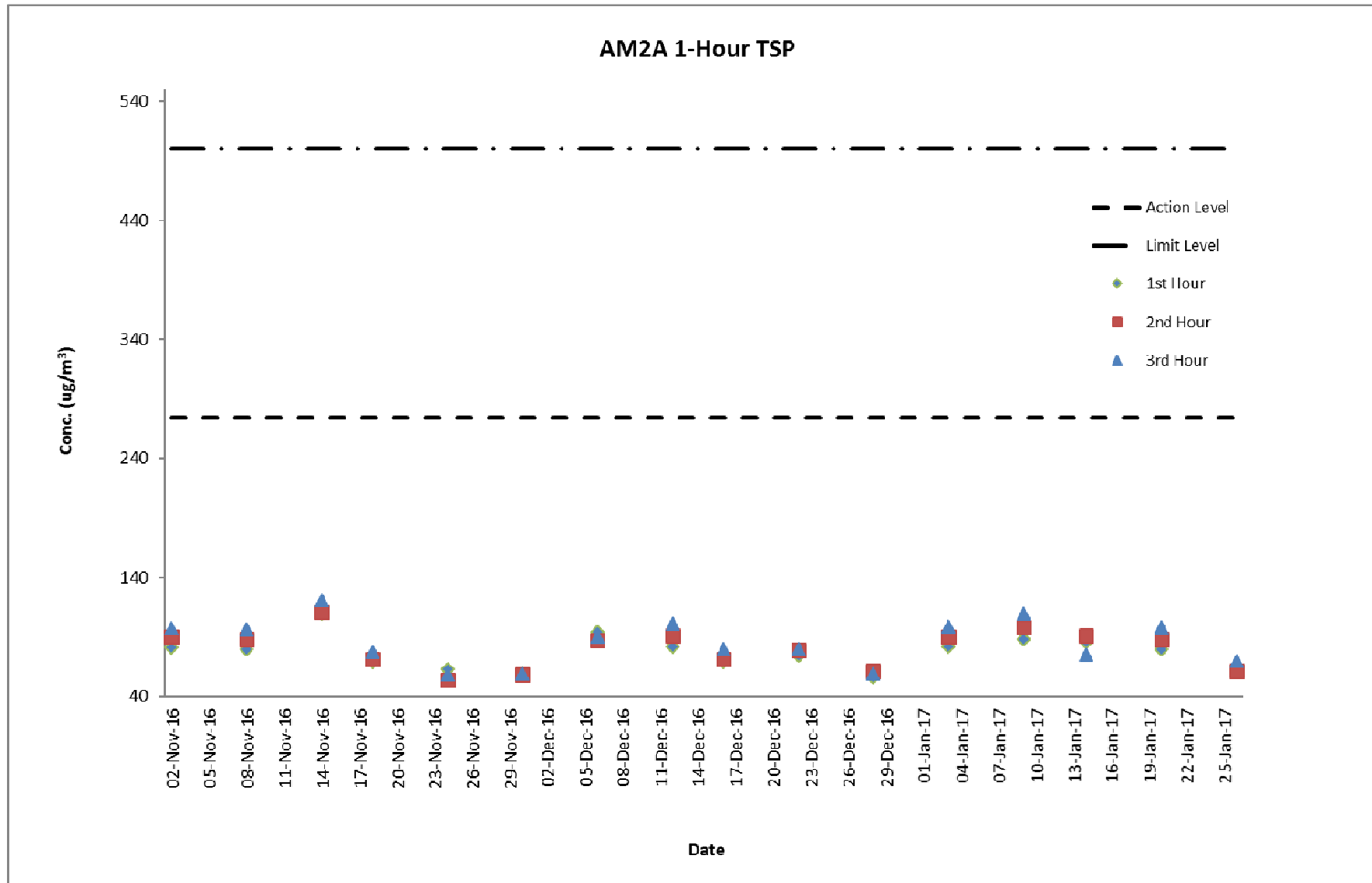
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



# **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-Nov-16	Sunny	10:52	-	16:10	81	90	97	274.2	500
08-Nov-16	Sunny	11:00	-	16:10	80	88	96	274.2	500
14-Nov-16	Sunny	10:54	-	16:10	109	111	121	274.2	500
18-Nov-16	Cloudy	8:14	-	11:14	69	71	77	274.2	500
24-Nov-16	Cloudy	10:52	-	16:10	63	54	58	274.2	500
30-Nov-16	Sunny	10:54	-	16:10	60	58	59	274.2	500
06-Dec-16	Fine	11:02	-	16:10	94	87	90	274.2	500
12-Dec-16	Cloudy	11:04	-	16:10	82	91	101	274.2	500
16-Dec-16	Sunny	8:14	-	11:14	69	71	80	274.2	500
22-Dec-16	Fine	11:02	-	16:10	74	79	80	274.2	500
28-Dec-16	Fine	11:02	-	16:10	56	61	59	274.2	500
03-Jan-17	Sunny	11:02	-	16:10	82	90	99	274.2	500
09-Jan-17	Cloudy	10:54	-	16:10	88	98	109	274.2	500
14-Jan-17	Cloudy	8:14	-	11:14	86	91	75	274.2	500
20-Jan-17	Sunny	10:54	-	16:10	80	88	98	274.2	500
26-Jan-17	Sunny	11:14	-	16:10	64	61	70	274.2	500

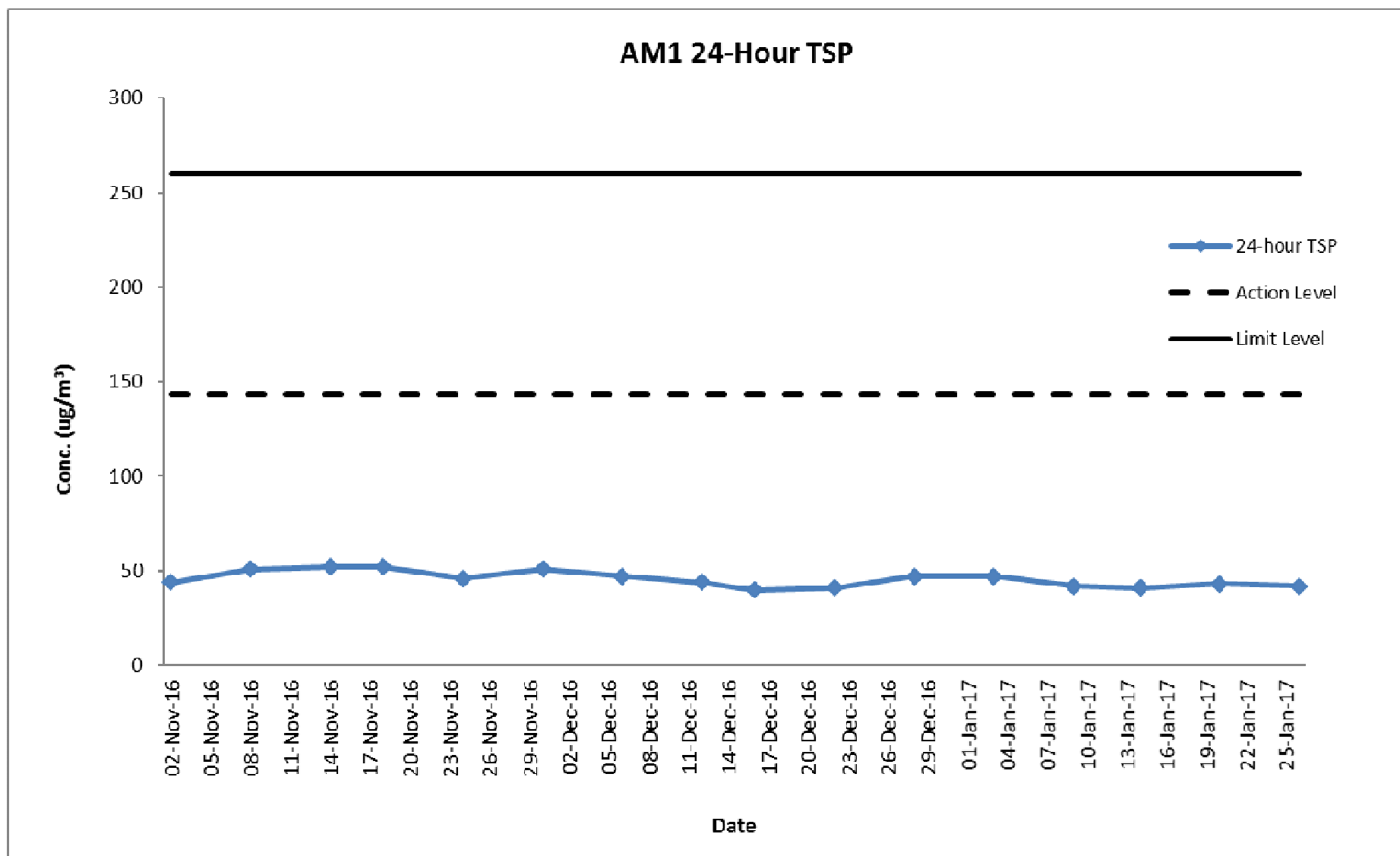
Graphical Presentation of Air Quality Monitoring Result at Station AM2A (1-hour TSP)



### 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-Nov-16	10:42	03-Nov-16	10:42	2.7984	2.877	20208.38	20232.38	24	1.23	1.23	1.23	44	Sunny	143.6	260
08-Nov-16	10:50	09-Nov-16	10:50	2.7901	2.88	20232.38	20256.38	24	1.23	1.23	1.23	51	Sunny	143.6	260
14-Nov-16	10:40	15-Nov-16	10:40	2.7656	2.8575	20256.38	20280.38	24	1.23	1.23	1.23	52	Sunny	143.6	260
18-Nov-16	08:02	19-Nov-16	08:02	2.7589	2.8506	20280.38	20304.38	24	1.23	1.23	1.23	52	Cloudy	143.6	260
24-Nov-16	10:42	25-Nov-16	10:42	2.748	2.8295	20304.38	20328.38	24	1.23	1.23	1.23	46	Cloudy	143.6	260
30-Nov-16	10:40	01-Dec-16	10:40	2.75	2.84	20328.38	20352.38	24	1.23	1.23	1.23	51	Sunny	143.6	260
06-Dec-16	10:50	07-Dec-16	10:50	2.8085	2.8911	20352.38	20376.38	24	1.23	1.23	1.23	47	Fine	143.6	260
12-Dec-16	10:50	13-Dec-16	10:50	2.8076	2.8858	20376.38	20400.38	24	1.23	1.23	1.23	44	Cloudy	143.6	260
16-Dec-16	08:00	17-Dec-16	08:00	2.8033	2.8797	20400.38	20424.38	24	1.33	1.33	1.33	40	Sunny	143.6	260
22-Dec-16	10:48	23-Dec-16	10:48	2.7883	2.8663	20424.38	20448.38	24	1.33	1.33	1.33	41	Fine	143.6	260
28-Dec-16	10:50	29-Dec-16	10:50	2.8105	2.901	20448.38	20472.38	24	1.33	1.33	1.33	47	Fine	143.6	260
03-Jan-17	10:50	04-Jan-17	10:50	2.7919	2.8821	20472.38	20496.38	24	1.33	1.33	1.33	47	Sunny	143.6	260
09-Jan-17	10:40	10-Jan-17	10:40	2.8149	2.895	20496.38	20520.38	24	1.33	1.33	1.33	42	Cloudy	143.6	260
14-Jan-17	08:00	15-Jan-17	08:00	2.8029	2.8815	20520.38	20544.38	24	1.33	1.33	1.33	41	Cloudy	143.6	260
20-Jan-17	10:42	21-Jan-17	10:42	2.8192	2.9009	20544.38	20568.38	24	1.33	1.33	1.33	43	Sunny	143.6	260
26-Jan-17	11:00	27-Jan-17	11:00	2.81	2.89	20568.38	20592.38	24	1.33	1.33	1.33	42	Sunny	143.6	260

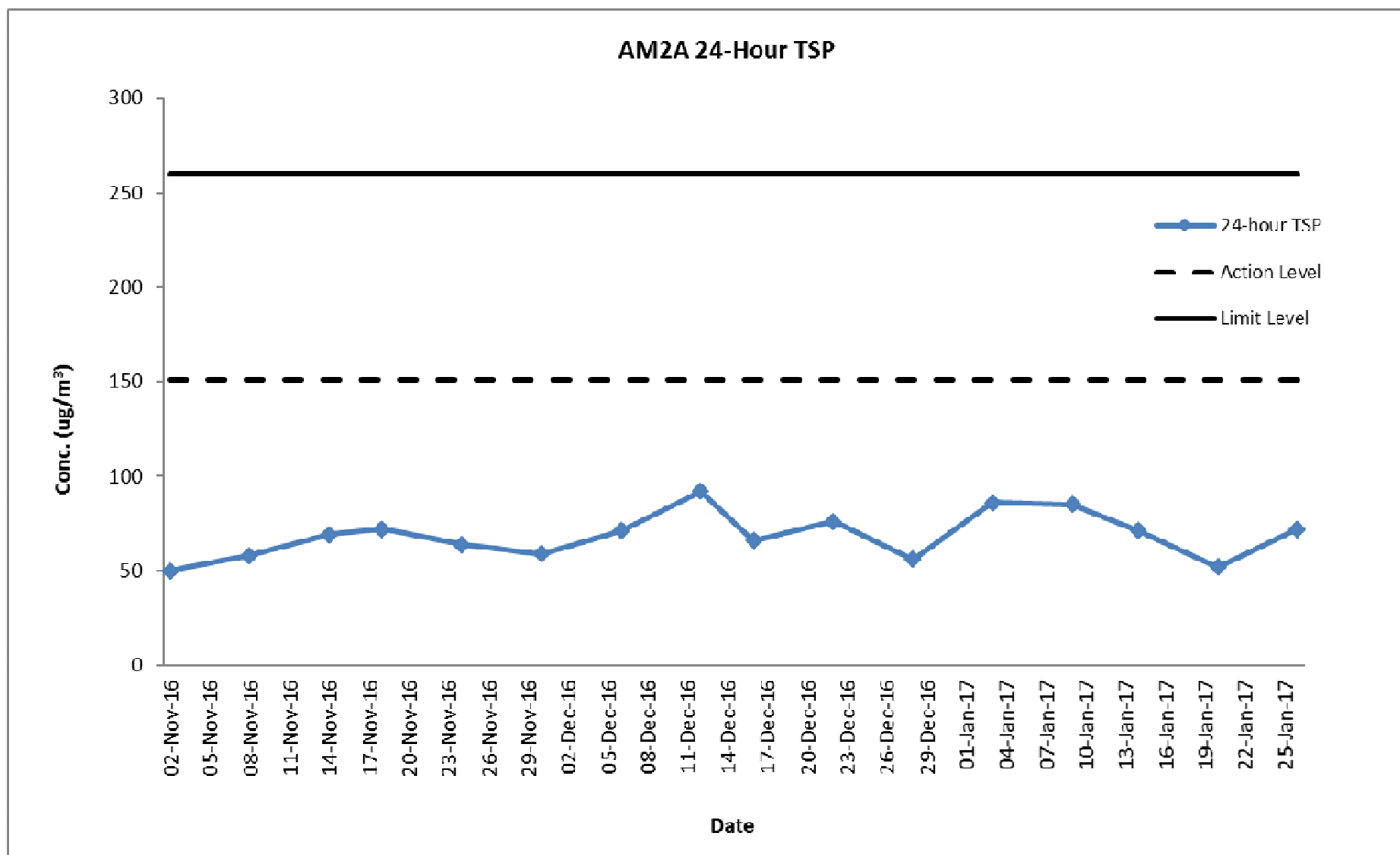
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



### 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-Nov-16	10:55	03-Nov-16	10:55	2.7816	2.8722	15863.59	15887.59	24	1.25	1.25	1.25	50	Sunny	151.1	260
08-Nov-16	11:02	09-Nov-16	11:02	2.7846	2.8882	15887.59	15911.59	24	1.25	1.25	1.25	58	Sunny	151.1	260
14-Nov-16	10:52	15-Nov-16	10:52	2.7633	2.8866	15911.59	15935.59	24	1.25	1.25	1.25	69	Sunny	151.1	260
18-Nov-16	08:12	19-Nov-16	08:12	2.7714	2.9009	15935.59	15959.59	24	1.25	1.25	1.25	72	Cloudy	151.1	260
24-Nov-16	10:54	25-Nov-16	10:54	2.7421	2.8575	15959.59	15983.59	24	1.25	1.25	1.25	64	Cloudy	151.1	260
30-Nov-16	10:52	01-Dec-16	10:52	2.7452	2.8511	15983.59	16007.59	24	1.25	1.25	1.25	59	Sunny	151.1	260
06-Dec-16	11:00	07-Dec-16	11:00	2.8026	2.9305	16007.59	16031.59	24	1.25	1.25	1.25	71	Fine	151.1	260
12-Dec-16	11:02	13-Dec-16	11:02	2.811	2.9762	16031.59	16055.59	24	1.25	1.25	1.25	92	Cloudy	151.1	260
16-Dec-16	08:12	17-Dec-16	08:12	2.7927	2.9071	16055.59	16079.59	24	1.21	1.21	1.21	66	Sunny	151.1	260
22-Dec-16	11:00	23-Dec-16	11:00	2.8071	2.94	16079.59	16103.59	24	1.21	1.21	1.21	76	Fine	151.1	260
28-Dec-16	11:00	29-Dec-16	11:00	2.8064	2.9232	16103.59	16127.59	24	1.46	1.46	1.46	56	Fine	151.1	260
03-Jan-17	11:00	04-Jan-17	11:00	2.7952	2.9442	16127.59	16151.59	24	1.21	1.21	1.21	86	Sunny	151.1	260
09-Jan-17	10:52	10-Jan-17	10:52	2.8032	2.9515	16151.59	16175.59	24	1.21	1.21	1.21	85	Cloudy	151.1	260
14-Jan-17	08:12	15-Jan-17	08:12	2.832	2.955	16175.59	16199.59	24	1.21	1.21	1.21	71	Cloudy	151.1	260
20-Jan-17	10:52	21-Jan-17	10:52	2.8099	2.8997	16199.59	16223.59	24	1.21	1.21	1.21	52	Sunny	151.1	260
26-Jan-17	11:12	27-Jan-17	11:12	2.8057	2.9315	16223.59	16247.59	24	1.21	1.21	1.21	72	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-Nov-16	14:00	68.0	63.9	69.5
02-Nov-16	14:05	67.9	63.7	
02-Nov-16	14:10	69.0	64.0	
02-Nov-16	14:15	69.4	64.1	
02-Nov-16	14:20	67.9	63.8	
02-Nov-16	14:25	68.4	64.2	
08-Nov-16	14:00	68.0	63.7	69.9
08-Nov-16	14:05	67.9	62.7	
08-Nov-16	14:10	69.0	64.1	
08-Nov-16	14:15	70.0	63.9	
08-Nov-16	14:20	68.2	62.8	
08-Nov-16	14:25	70.2	63.8	
14-Nov-16	14:00	66.7	62.7	68.4
14-Nov-16	14:05	67.0	63.1	
14-Nov-16	14:10	67.9	63.4	
14-Nov-16	14:15	66.8	62.7	
14-Nov-16	14:20	67.7	63.7	
14-Nov-16	14:25	68.4	64.0	
24-Nov-16	14:00	67.1	63.2	68.5
24-Nov-16	14:05	66.8	62.4	
24-Nov-16	14:10	68.0	64.0	
24-Nov-16	14:15	67.8	63.7	
24-Nov-16	14:20	66.9	62.9	
24-Nov-16	14:25	68.8	64.1	
30-Nov-16	14:00	67.7	63.1	69.2
30-Nov-16	14:05	68.4	64.2	
30-Nov-16	14:10	68.8	64.1	
30-Nov-16	14:15	66.7	63.9	
30-Nov-16	14:20	68.7	64.1	
30-Nov-16	14:25	68.9	64.5	
06-Dec-16	14:00	68.0	62.7	69.0
06-Dec-16	14:05	67.9	63.0	
06-Dec-16	14:10	67.9	62.9	
06-Dec-16	14:15	68.8	64.0	
06-Dec-16	14:20	68.0	63.9	
06-Dec-16	14:25	68.9	63.7	
12-Dec-16	14:00	66.0	62.0	67.6
12-Dec-16	14:05	67.4	63.1	
12-Dec-16	14:10	66.1	61.7	
12-Dec-16	14:15	66.7	62.8	
12-Dec-16	14:20	66.8	62.7	
12-Dec-16	14:25	66.9	62.6	

22-Dec-16	15:40	68.2	64.1	69.0
22-Dec-16	15:45	67.7	63.4	
22-Dec-16	15:50	68.0	64.0	
22-Dec-16	15:55	66.7	62.9	
22-Dec-16	16:00	67.2	63.8	
22-Dec-16	16:05	68.8	64.2	
28-Dec-16	14:00	66.2	62.0	68.1
28-Dec-16	14:05	67.1	63.4	
28-Dec-16	14:10	68.0	64.0	
28-Dec-16	14:15	67.9	63.8	
28-Dec-16	14:20	66.2	62.7	
28-Dec-16	14:25	66.4	62.9	
03-Jan-17	14:00	67.9	62.9	69.9
03-Jan-17	14:05	68.8	63.2	
03-Jan-17	14:10	68.9	63.4	
03-Jan-17	14:15	70.0	63.8	
03-Jan-17	14:20	70.7	62.8	
03-Jan-17	14:25	69.9	62.9	
09-Jan-17	14:00	67.9	62.1	69.4
09-Jan-17	14:05	68.0	63.7	
09-Jan-17	14:10	69.4	64.0	
09-Jan-17	14:15	68.0	63.9	
09-Jan-17	14:20	68.4	63.1	
09-Jan-17	14:25	68.8	64.2	
20-Jan-17	14:00	68.0	62.1	69.4
20-Jan-17	14:05	68.8	62.4	
20-Jan-17	14:10	67.8	62.0	
20-Jan-17	14:15	68.9	62.7	
20-Jan-17	14:20	67.7	62.2	
20-Jan-17	14:25	69.0	62.9	
26-Jan-17	14:00	66.0	62.1	68.4
26-Jan-17	14:05	67.7	63.4	
26-Jan-17	14:10	68.0	64.0	
26-Jan-17	14:15	68.4	64.0	
26-Jan-17	14:20	67.1	63.7	
26-Jan-17	14:25	66.2	62.9	

**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

