

Annex D1

24-hour TSP Monitoring Results

Table D1.1 24-hour TSP Monitoring Results at DM1 (During Construction Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP (µg/m3)
5 Jan 21	8:00	6 Jan 21	8:00	Fine	107
11 Jan 21	11:36	12 Jan 21	11:36	Cloudy	114
17 Jan 21	12:00	18 Jan 21	12:00	Fine	110
23 Jan 21	8:00	24 Jan 21	8:00	Fine	117
29 Jan 21	14:05	30 Jan 21	14:05	Fine	105
4 Feb 21	8:00	5 Feb 21	8:00	Fine	92
10 Feb 21	9:40	11 Feb 21	9:40	Rainy	98
16 Feb 21	11:50	17 Feb 21	11:50	Fine	105
22 Feb 21	12:20	23 Feb 21	12:20	Fine	113
28 Feb 21	12:00	1 Mar 21	12:00	Fine	110
6 Mar 21	8:00	7 Mar 21	8:00	Rainy	100
12 Mar 21	9:55	13 Mar 21	9:55	Fine	111
18 Mar 21	8:00	19 Mar 21	8:00	Fine	90
24 Mar 21	9:04	25 Mar 21	9:04	Fine	104
30 Mar 21	8:30	31 Mar 21	8:30	Fine	115
1 Apr 21	8:30	2 Apr 21	8:30	Cloudy	103
7 Apr 21	16:11	8 Apr 21	16:11	Rainy	110
13 Apr 21	8:00	14 Apr 21	8:00	Fine	115
19 Apr 21	9:40	20 Apr 21	9:40	Cloudy	98
25 Apr 21	12:00	26 Apr 21	12:00	Rainy	108
6 May 21	8:00	7 May 21	8:00	Fine	115
12 May 21	14:15	13 May 21	14:15	Fine	110
18 May 21	8:00	19 May 21	8:00	Rainy	101
24 May 21	14:43	25 May 21	14:43	Rainy	107
30 May 21	12:00	31 May 21	12:00	Rainy	99
5 Jun 21	8:00	6 Jun 21	8:00	Rainy	102
11 Jun 21	14:45	12 Jun 21	14:45	Rainy	114
17 Jun 21	8:30	18 Jun 21	8:30	Rainy	109
23 Jun 21	16:32	24 Jun 21	16:32	Rainy	97
29 Jun 21	10:40	30 Jun 21	10:40	Rainy	107
5 Jul 21	8:30	6 Jul 21	8:30	Fine	97
11 Jul 21	12:00	12 Jul 21	12:00	Rainy	111
17 Jul 21	8:00	18 Jul 21	8:00	Rainy	105
23 Jul 21	13:40	24 Jul 21	13:40	Fine	107
29 Jul 21	8:30	30 Jul 21	8:30	Rainy	103
4 Aug 21	9:05	5 Aug 21	9:05	Cloudy	89
10 Aug 21	8:00	11 Aug 21	8:00	Cloudy	96
16 Aug 21	13:00	17 Aug 21	13:00	Rainy	102
22 Aug 21	13:00	23 Aug 21	13:00	Fine	113
28 Aug 21	8:00	29 Aug 21	8:00	Rainy	102
3 Sep 21	10:00	4 Sep 21	10:00	Fine	95
9 Sep 21	8:00	10 Sep 21	8:00	Fine	120
15 Sep 21	9:39	16 Sep 21	9:39	Rainy	107
21 Sep 21	8:00	22 Sep 21	8:00	Fine	99
27 Sep 21	13:30	28 Sep 21	13:30	Fine	111
3 Oct 21	13:00	4 Oct 21	13:00	Rainy	92
11 Oct 21	10:20	12 Oct 21	10:20	Fine	112
15 Oct 21	16:00	16 Oct 21	16:00	Fine	95
21 Oct 21	8:00	22 Oct 21	8:00	Rainy	92
27 Oct 21	13:33	28 Oct 21	13:33	Fine	99
2 Nov 21	13:00	3 Nov 21	13:00	Fine	109
8 Nov 21	8:30	9 Nov 21	8:30	Fine	94
14 Nov 21	13:00	15 Nov 21	13:00	Fine	102
20 Nov 21	8:00	21 Nov 21	8:00	Fine	99
				Average	104
				Min	89

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
					Max 120

Note:

DM1 corresponds to the existing TSP monitoring station TKO-A1 currently operating by CEDD.

Figure D1.1 Graphical Presentation for 24-hr TSP Monitoring at DM1 (During Construction Phase)

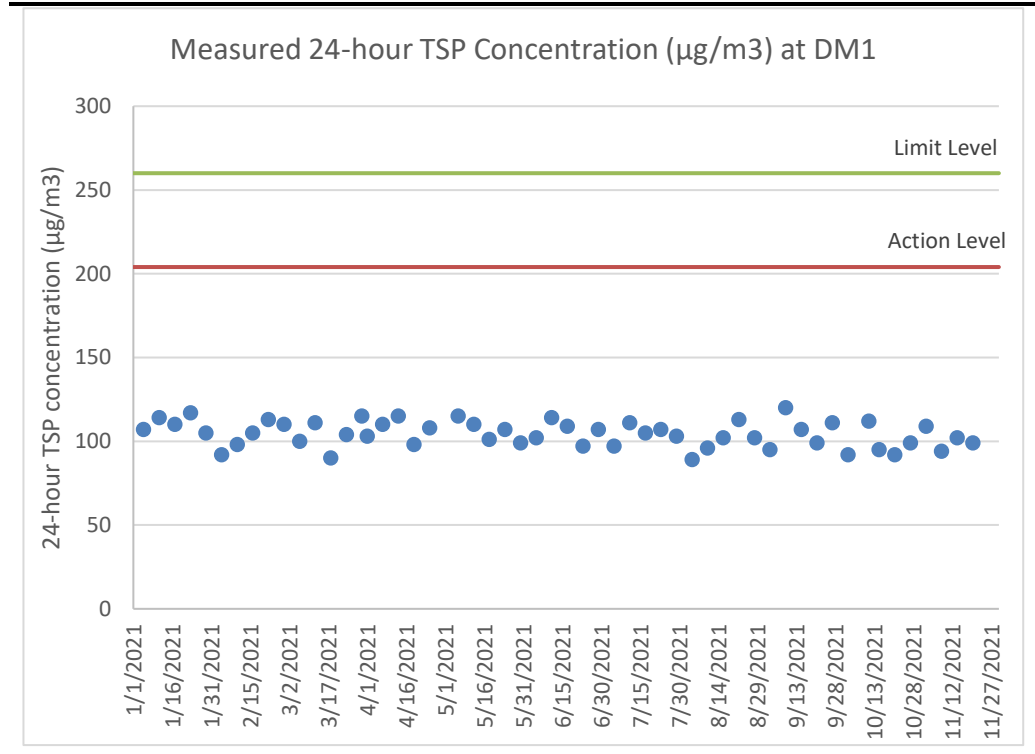


Table D1.2 24-hour TSP Monitoring Results at DM2 (During Construction Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP (µg/m3)
5 Jan 21	8:00	6 Jan 21	8:00	Fine	95
11 Jan 21	11:30	12 Jan 21	11:30	Cloudy	101
17 Jan 21	12:00	18 Jan 21	12:00	Fine	98
23 Jan 21	8:00	24 Jan 21	8:00	Fine	109
29 Jan 21	14:15	30 Jan 21	14:15	Fine	115
4 Feb 21	8:00	5 Feb 21	8:00	Fine	103
10 Feb 21	9:45	11 Feb 21	9:45	Rainy	89
16 Feb 21	11:34	17 Feb 21	11:34	Fine	97
22 Feb 21	12:25	23 Feb 21	12:25	Fine	102
28 Feb 21	12:00	1 Mar 21	12:00	Fine	100
6 Mar 21	8:00	7 Mar 21	8:00	Rainy	93
12 Mar 21	9:58	13 Mar 21	9:58	Fine	103
18 Mar 21	8:00	19 Mar 21	8:00	Fine	99
24 Mar 21	9:15	25 Mar 21	9:15	Fine	97
30 Mar 21	8:30	31 Mar 21	8:30	Fine	109
1 Apr 21	8:30	2 Apr 21	8:30	Cloudy	91
7 Apr 21	16:20	8 Apr 21	16:20	Rainy	99
13 Apr 21	8:00	14 Apr 21	8:00	Fine	107
19 Apr 21	9:51	20 Apr 21	9:51	Cloudy	89
25 Apr 21	12:00	26 Apr 21	12:00	Rainy	101
6 May 21	8:00	7 May 21	8:00	Fine	104
12 May 21	14:15	13 May 21	14:15	Fine	102
18 May 21	8:00	19 May 21	8:00	Rainy	92
24 May 21	14:46	25 May 21	14:46	Rainy	97
30 May 21	12:00	31 May 21	12:00	Rainy	91
5 Jun 21	8:00	6 Jun 21	8:00	Rainy	91
11 Jun 21	15:00	12 Jun 21	15:00	Rainy	106
17 Jun 21	8:30	18 Jun 21	8:30	Rainy	100
23 Jun 21	16:26	24 Jun 21	16:26	Rainy	88
29 Jun 21	10:48	30 Jun 21	10:48	Rainy	99
5 Jul 21	8:30	6 Jul 21	8:30	Fine	89
11 Jul 21	12:00	12 Jul 21	12:00	Rainy	107
17 Jul 21	8:00	18 Jul 21	8:00	Rainy	93
23 Jul 21	13:50	24 Jul 21	13:50	Fine	98
29 Jul 21	8:30	30 Jul 21	8:30	Rainy	96
4 Aug 21	9:15	5 Aug 21	9:15	Cloudy	78
10 Aug 21	8:00	11 Aug 21	8:00	Cloudy	88
16 Aug 21	13:00	17 Aug 21	13:00	Rainy	96
22 Aug 21	13:06	23 Aug 21	13:06	Fine	105
28 Aug 21	8:00	29 Aug 21	8:00	Rainy	94
3 Sep 21	10:00	4 Sep 21	10:00	Fine	91
9 Sep 21	8:00	10 Sep 21	8:00	Fine	111
15 Sep 21	9:45	16 Sep 21	9:45	Rainy	100
21 Sep 21	8:00	22 Sep 21	8:00	Fine	94
27 Sep 21	13:43	28 Sep 21	13:43	Fine	98
3 Oct 21	13:00	4 Oct 21	13:00	Rainy	87
11 Oct 21	10:30	12 Oct 21	10:30	Fine	104
15 Oct 21	16:00	16 Oct 21	16:00	Fine	90
21 Oct 21	8:00	22 Oct 21	8:00	Rainy	86
27 Oct 21	13:44	28 Oct 21	13:44	Fine	93
2 Nov 21	13:00	3 Nov 21	13:00	Fine	97
8 Nov 21	8:35	9 Nov 21	8:35	Fine	86
14 Nov 21	13:00	15 Nov 21	13:00	Fine	90
20 Nov 21	8:00	21 Nov 21	8:00	Fine	89
Average					97
Min					78
Max					115

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
Note:					
DM2 corresponds to the existing TSP monitoring station TKO-A2a currently operating by CEDD.					

Figure D1.2 Graphical Presentation for 24-hr TSP Monitoring at DM2 (During Construction Phase)

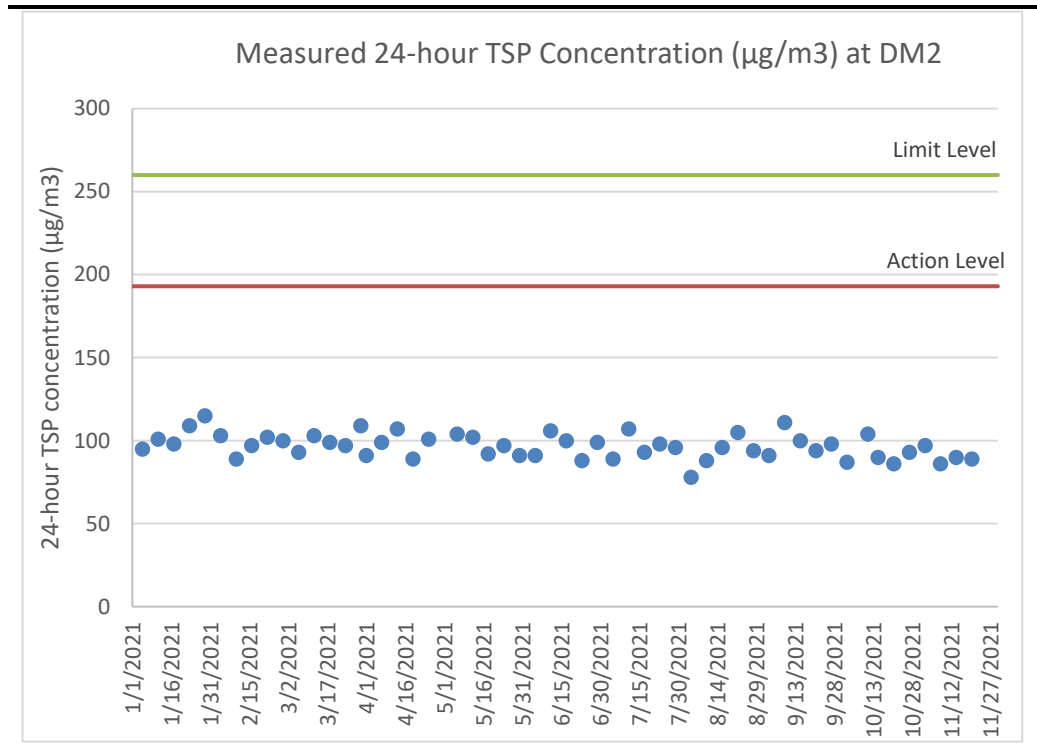


Table D1.3 24-hour TSP Monitoring Results at AM1 (During Operation Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
25 Nov 21	9:00	26 Nov 21	9:00	Sunny	100
1 Dec 21	9:00	2 Dec 21	9:00	Sunny	57
7 Dec 21	9:00	8 Dec 21	9:00	Sunny	141
13 Dec 21	9:00	14 Dec 21	9:00	Sunny	173
19 Dec 21	9:00	20 Dec 21	9:00	Sunny	114
25 Dec 21	9:00	26 Dec 21	9:00	Fine	64
31 Dec 21	9:00	1 Jan 22	9:00	Fine	125
Average					111
Min					57
Max					173

Figure D1.3 Graphical Presentation for 24-hr TSP Monitoring at AM1 (During Operation Phase)

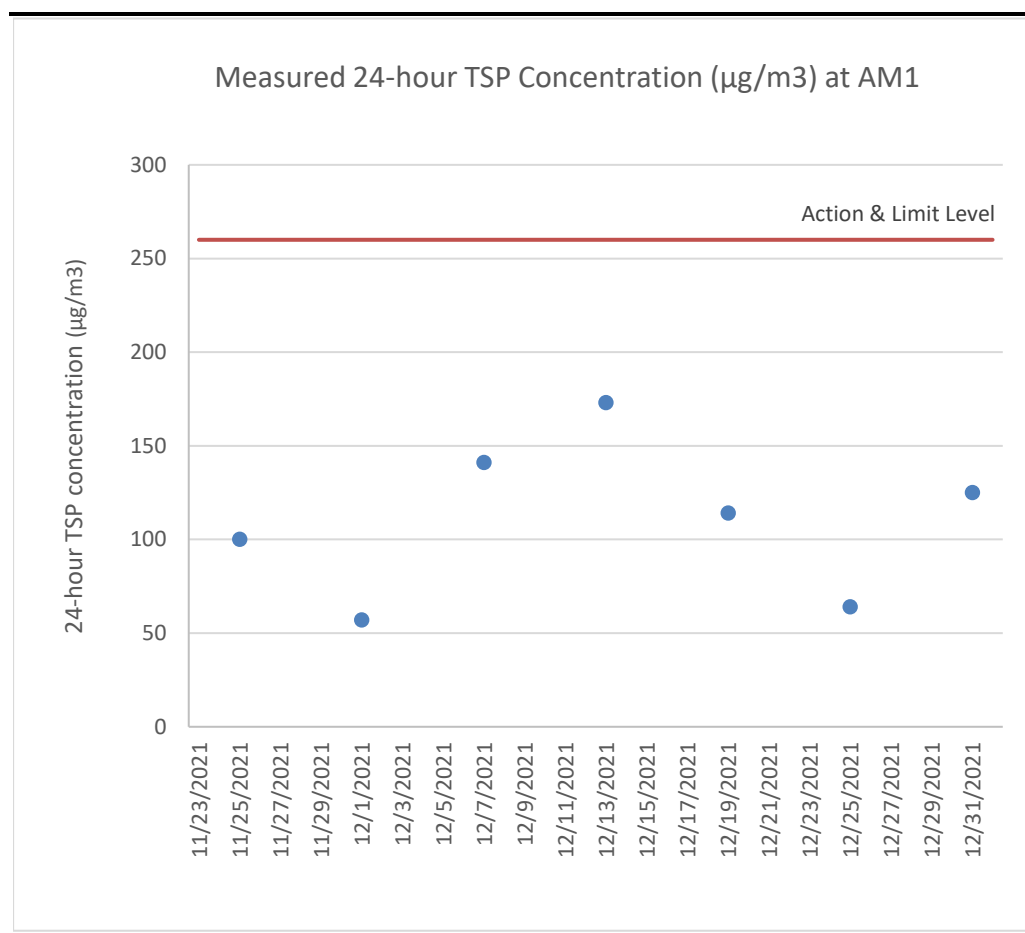


Table D1.4 24-hour TSP Monitoring Results at AM2 (During Operation Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
25 Nov 21	9:00	26 Nov 21	9:00	Sunny	154
2 Dec 21*	15:00	3 Dec 21	15:00	Sunny	115
7 Dec 21	9:00	8 Dec 21	9:00	Sunny	156
13 Dec 21	9:00	14 Dec 21	9:00	Sunny	152
19 Dec 21	9:00	20 Dec 21	9:00	Sunny	133
25 Dec 21	9:00	26 Dec 21	9:00	Fine	120
31 Dec 21	9:00	1 Jan 22	9:00	Fine	100
Average					133
Min					100
Max					156

Notes:

* Sampling was suspended due to equipment failure.

Figure D1.4 Graphical Presentation for 24-hr TSP Monitoring at AM2 (During Operation Phase)

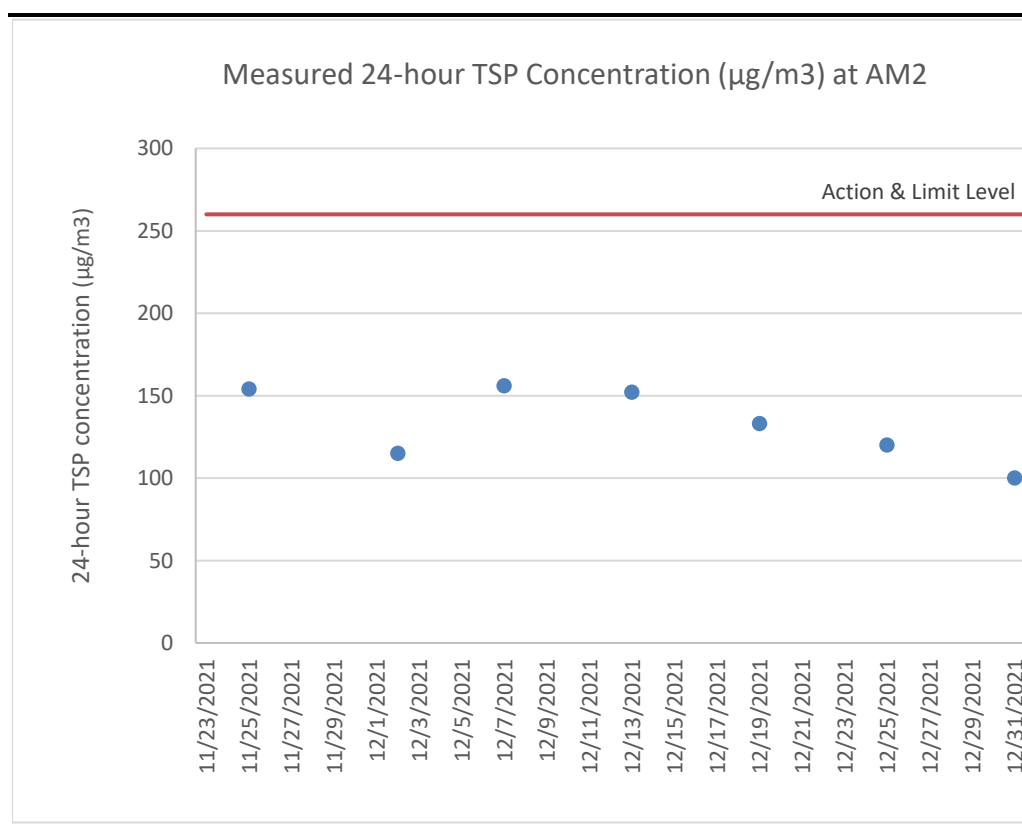


Table D1.5 24-hour TSP Monitoring Results at AM3 (During Operation Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
25 Nov 21	16:30	26 Nov 21	16:30	Sunny	158
1 Dec 21	9:00	2 Dec 21	9:00	Sunny	128
7 Dec 21	9:00	8 Dec 21	9:00	Sunny	169
13 Dec 21	8:05	14 Dec 21	8:05	Sunny	258
19 Dec 21	9:00	20 Dec 21	9:00	Sunny	191
25 Dec 21	9:00	26 Dec 21	9:00	Fine	189
31 Dec 21	14:25	1 Jan 22	14:25	Fine	155
Average					178
Min					128
Max					258

Figure D1.5 Graphical Presentation for 24-hr TSP Monitoring at AM3 (During Operation Phase)

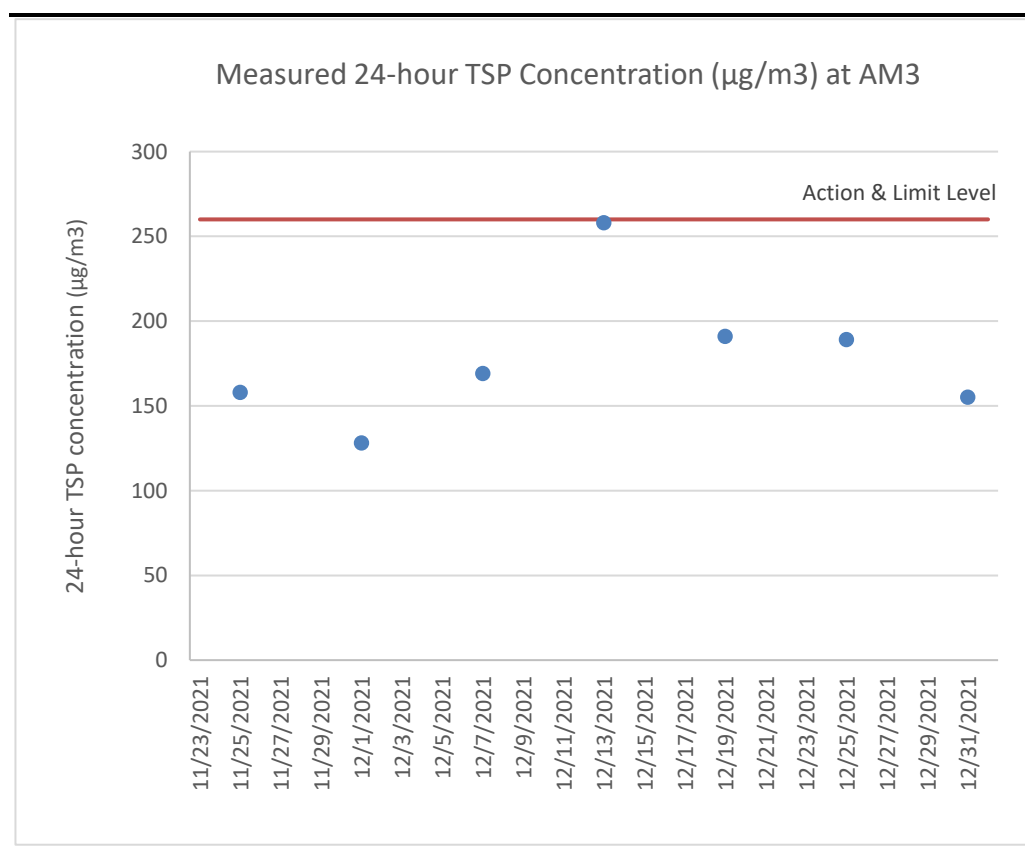


Table D1.6 24-hour TSP Monitoring Results at AM4 (During Operation Phase)

Start Date	Start Time	Finish Date	Finish Time	Weather	24-hour TSP ($\mu\text{g}/\text{m}^3$)
25 Nov 21	9:00	26 Nov 21	9:00	Sunny	235
1 Dec 21	9:00	2 Dec 21	9:00	Sunny	206
7 Dec 21	9:00	8 Dec 21	9:00	Sunny	164
13 Dec 21	9:00	14 Dec 21	9:00	Sunny	282
19 Dec 21	9:00	20 Dec 21	9:00	Sunny	129
25 Dec 21	9:00	26 Dec 21	9:00	Fine	102
31 Dec 21	9:00	1 Jan 22	9:00	Fine	125
Average					178
Min					102
Max					282

Figure D1.6 Graphical Presentation for 24-hr TSP Monitoring at AM4 (During Operation Phase)

