

## Ambient Air Quality

To monitoring the ambient air quality at:

- Station A : Wat Ta Kuan
- Station B : Soi Therd Thai Muslim 2
- Station C : PTT Housing Zone
- Station D : Wat Mab Chalud

The ambient air quality at all monitoring stations were within the TNAAQS limits except for SO<sub>2</sub> which exceeded the standard for about 6 hours on 12, 19 and 20 December at Station A. The cause of this exceedance is not from BLCP Power because the wind direction during the period was from north and north-east to south, but Station A is located north-east of BLCP Power in the opposite direction.

They are reported in the table below.

Station	Ambient air quality data on December							
	TSP avg. 24 hrs (µg/Nm <sup>3</sup> )		PM-10 avg. 24 hrs (µg/Nm <sup>3</sup> )		SO <sub>2</sub> avg. 1 hr (ppb)		NO <sub>2</sub> avg. 1 hr (ppb)	
	min-max	avg.	min-max	avg.	min-max	avg.	min-max	avg.
A	24 - 103	63	21 - 96	55	N.D. <sup>2/</sup> -	11.6	1 - 42	10.6
B	28 - 90	60	25 - 86	54	1,001	4.7	1 - 54	13.0
C	22 - 78	50	18 - 70	44	N.D. -	3.2	3 - 75	16.1
D	37 - 119	68	19 - 69	46	156 N.D. - 106 N.D. - 61	4.7	2 - 51	12.8
<b>Standard<sup>1/</sup></b>	<b>330</b>		<b>120</b>		<b>300</b>		<b>170</b>	

**Remark:**<sup>1/</sup> Standard refer from Thai National Ambient Air Quality Standard (TNAAQS).

<sup>2/</sup> N.D. means Non- Detectable.