

**STATE POLLUTION CONTROL BOARD-SIKKIM**

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF**

**APRIL (3<sup>rd</sup> WEEK) 2019**

S. No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	16.04.2019	18.04.2019
1	RANGPO, East Sikkim	51(Satisfactory)	58(Satisfactory)
2	SINGTAM, East Sikkim	56(Satisfactory)	42(Good)
3	DEORALI, Gangtok, East Sikkim	49(Good)	27(Good)
4	RAVANGLA, South Sikkim	20(Good)	20(Good)
5	NAMCHI, South Sikkim	26(Good)	30(Good)
6	PELLING, West Sikkim	15(Good)	27(Good)
7	CHUNGTHANG, North Sikkim	30(Good)	35(Good)
8	MANGAN, North Sikkim	42(Good)	47(Good)

<b>Good</b> (0-50)	Minimal Impact	<b>Poor</b> (201-300)	Breathing discomfort to people on prolonged exposure
<b>Satisfactory</b> (51-100)	Minor breathing discomfort to sensitive people	<b>Very Poor</b> (301-400)	Respiratory illness to the people on prolonged exposure
<b>Moderate</b> (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe</b> (>401)	Respiratory effects even on healthy people

**Interpretation of Ambient Air Quality Data/Results:**

As per the findings of the Ambient Air Quality monitoring, the quality of Ambient Air remains unaffected during the month of April 3<sup>rd</sup> week 2019 (i.e. 16.04.2019 and 18.04.2019) and as per the AQI, the quality of air at almost all the locations were good except the pollutants level of Rangpo & Singtam are higher due to maximum movement of vehicles in the surrounding area.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH OF APRIL (3<sup>rd</sup> WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
RANGPO	16/04/2019	50.84	8.92	10.43
	18/04/2019	57.75	7.25	10.25
SINGTAM	16/04/2019	56..34	7.6	5.08
	18/04/2019	42.27	6.6	5.08
DEORALI	16/04/2019	48.69	5.21	5.85
	18/04/2019	27.41	5.53	4.58
PELLING	16/04/2019	14.9	6.46	2.15
	18/04/2019	26.5	4.48	2.15
RAVANGLA	16/04/2019	19.59	3.6	2.21
	18/04/2019	20.30	3.6	2.82
NAMCHI	16/04/2019	25.94	4.7	3.79
	18/04/2019	30.15	6.0	4.10
CHUNGTHANG	16/04/2019	29.67	4.86	1.35
	18/04/2019	34.77	5.20	0.99
MANGAN	16/04/2019	42.08	3.1	4.57
	18/04/2019	46.62	4.2	4.46
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>