

**STATE POLLUTION CONTROL BOARD-SIKKIM**

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

**(2<sup>nd</sup> week) 2018.**

S.No	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	10.04.2018	12.04.2018
1	RANGPO, East Sikkim	48(Good)	62(satisfactory)
2	SINGTAM, East Sikkim	46(Good)	62(Satisfactory)
3	DEORALI, Gangtok,East Sikkim	52(Satisfactory)	43(Good)
4	RAVANGLA, South Sikkim	38(Good)	31 (Good)
5	NAMCHI, South Sikkim	32 (Good)	31 (Good)
6	PELLING, West Sikkim	49(Good)	53(Satisfactory )
7	CHUNGTHANG, North Sikkim	46(Good)	41(Good)
8	MANGAN, North Sikkim	35(Good)	26(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 2<sup>nd</sup> week 2018 (i.e. 10/04/2018 & 12/04/2018) and as per the AQI, the quality of air at almost all the locations were good.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH of APRIL (2<sup>nd</sup> WEEK) 2018

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub>	NO <sub>2</sub>
RANGPO	10.04.2018	47.52	10.78	7.29
	12.04.2018	61.71	6.27	8.31
SINGTAM	10.04.2018	46.45	25.21	12.05
	12.04.2018	35.11	49.27	16.63
DEORALI	10.04.2018	52.19	2.97	6.85
	12.04.2018	42.52	3.27	4.85
PELLING	10.04.2018	48.7	8.33	3.93
	12.04.2018	53.1	10.42	2.42
RAVANGLA	10.04.2018	37.96	3.9	2.41
	12.04.2018	30.56	6.5	1.56
NAMCHI	10.04.2018	32.24	5.92	4.23
	12.04.2018	31.09	5.29	3.53
CHUNGTHANG	10.04.2018	46.20	4.6	2.28
	12.04.2018	41.12	7.5	3.18
MANGAN	10.04.2018	34.56	6.55	4.51
	12.04.2018	25.88	2.99	5.44
<b>National Ambient Air Quality Standards (NAAQS) – 24 hrs</b>		<b>100</b>	<b>80</b>	<b>80</b>