

# Environment Monitoring Report



## Adani Vizhinjam Port Pvt. Ltd.

Vizhinjam, Kerala

May – 2021

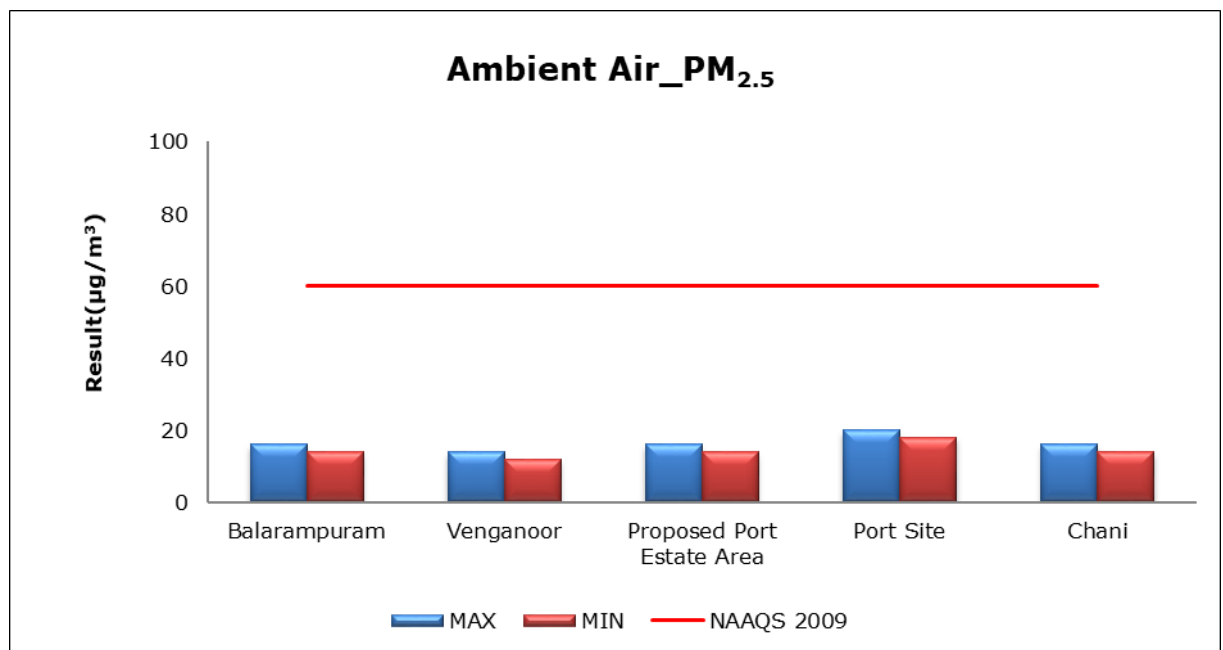
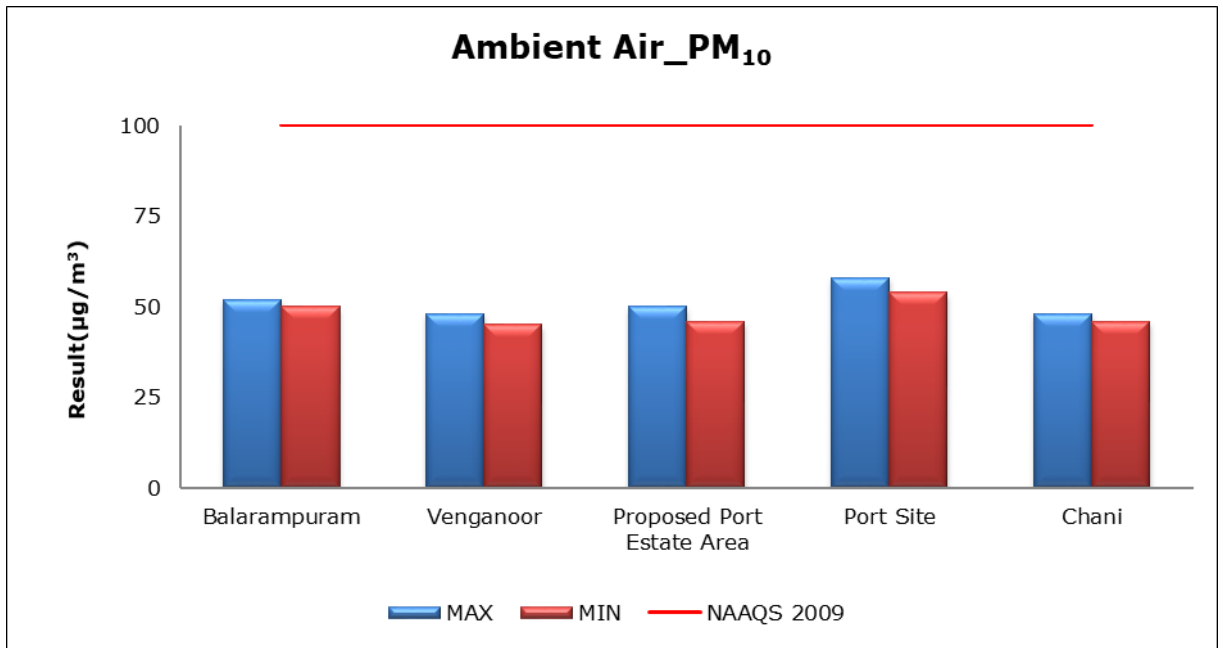
## Environment Monitoring Locations:

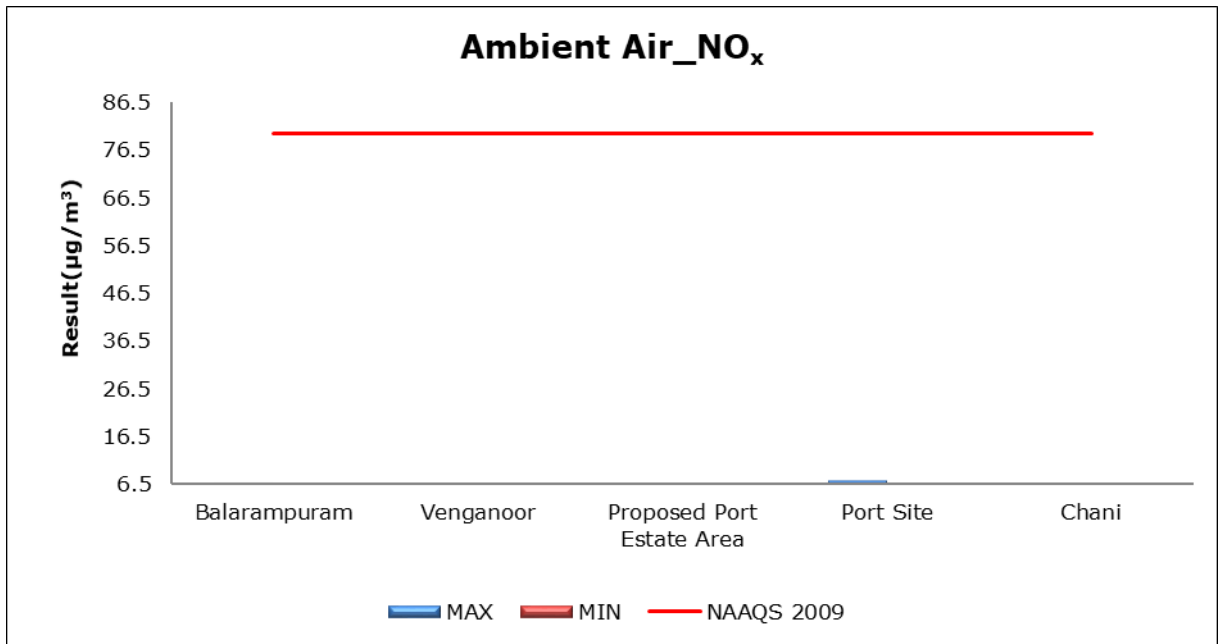
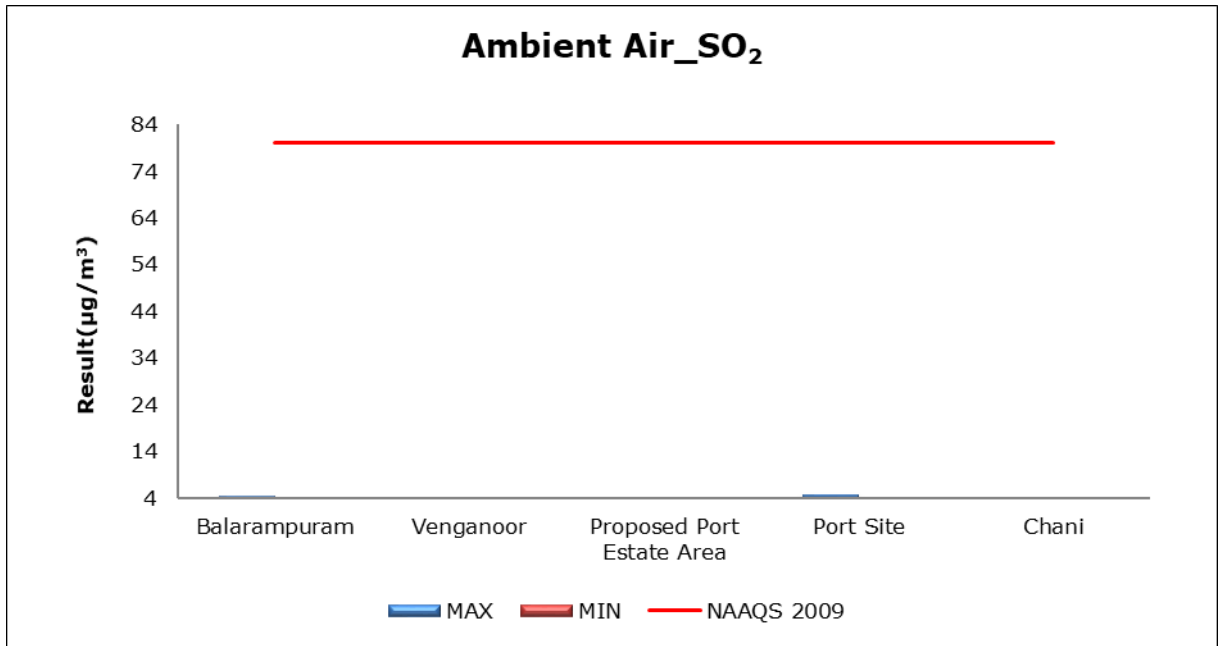
Sl. No.	Environmental Attribute	Location
1.	Ambient Air Quality Monitoring	Port Site (A1)
		Proposed Port Estate Area (A2)
		Chani (A3)
		Venganoor (A4)
		Balarampuram (A5)
2.	Ambient Noise	Port Site (Industrial) (N1)
		Proposed Port Estate Area (Commercial) (N2)
		Chani (Residential) (N3)
		Venganoor (Residential) (N4)
		Balarampuram (Residential) (N5)
3.	Marine Water	Near Kovalam Beach (M1)
		Proposed Dredging Site (M2)
		South of Break Water (M3)
		Port Basin (M4)
		Inner Approach Channel (M5)
		Kovalam Beach (M6)
4.	Groundwater	Port Site (G1)
		PAF Area (G2)
		Proposed Port Estate Area (G3)
5.	Surface Water	Poovar West Canal (S1)
		Vizhinjam Branch Canal (S2)
		Vellayani Lake (S3)

## 1. Summary

- Due to COVID-19 pandemic situation in the area and lockdown restrictions imposed by the Government of Kerala, Ambient Air monitoring was conducted only for the first week of May 2021 (3<sup>rd</sup> and 6<sup>th</sup> of May 2021). The ambient air quality monitoring results were observed to be within National Ambient Air Quality Standards (NAAQS), 2009 at all the five locations during the observed days in the month of May 2021.
- Due to COVID-19 pandemic situation in the area and lockdown restrictions imposed by the Government of Kerala in the month of May 2021, noise monitoring could only be conducted at Venganoor, Proposed Port Estate Area and Port Site for the first fortnight. Noise readings were within limits at these monitoring locations in the month of May 2021.
- Ground Water and Surface water samples were not collected in the month of May 2021 due to the lockdown imposed by the government of Kerala because of COVID – 19 pandemic situation in the area.
- Marine water and sediment samples were not collected in the month of May 2021 due to the lockdown imposed by the government of Kerala because of COVID – 19 pandemic situation in the area

## 2. Ambient Air Quality





### 3. Ambient Noise

