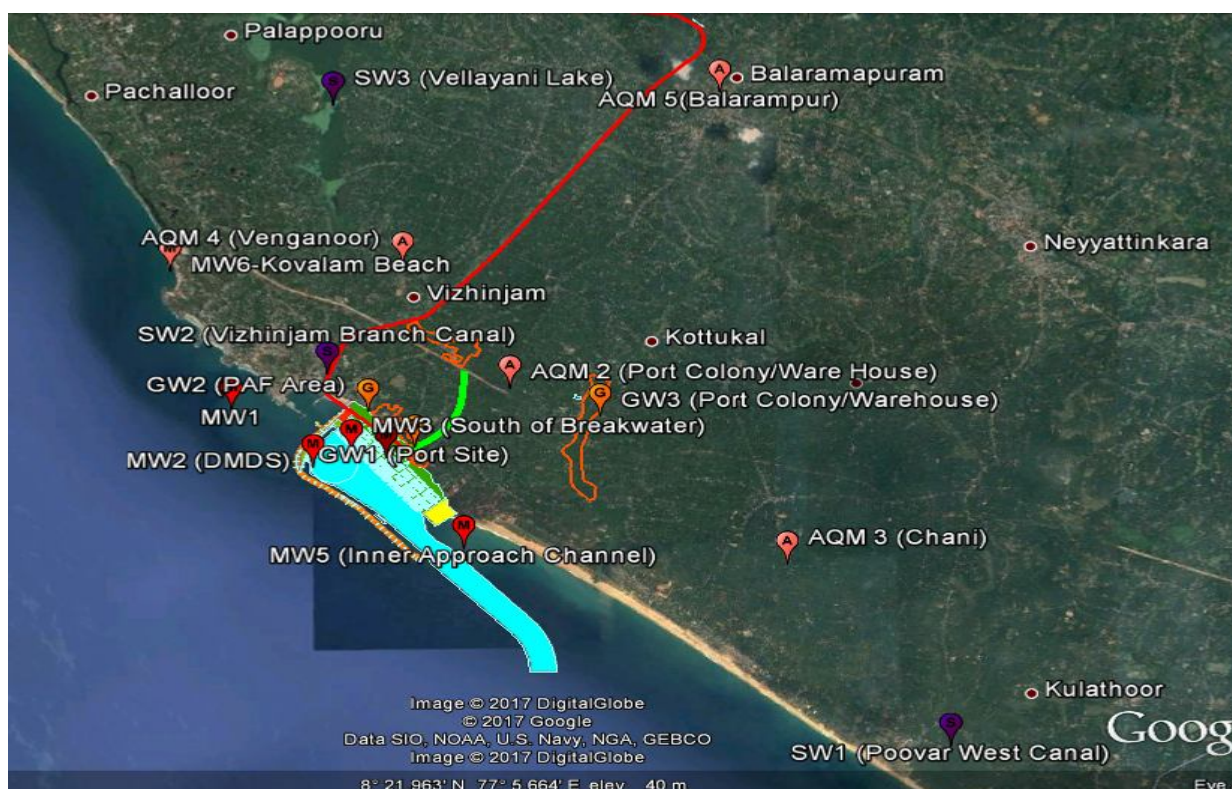


# Environmental Monitoring Report



## Adani Vizhinjam Port Pvt. Ltd.

Vizhinjam, Kerala

July – 2018

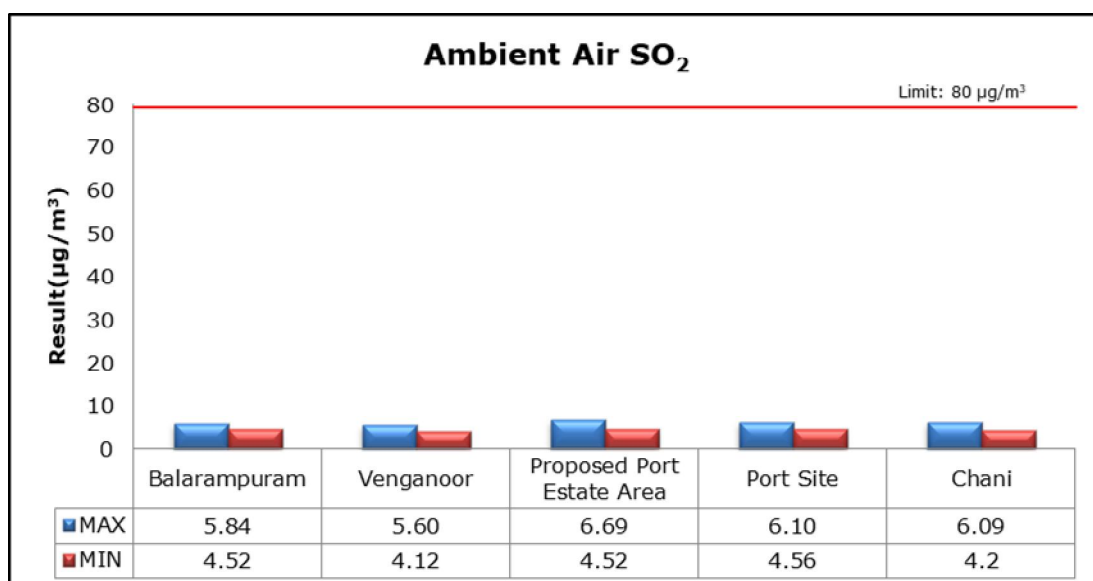
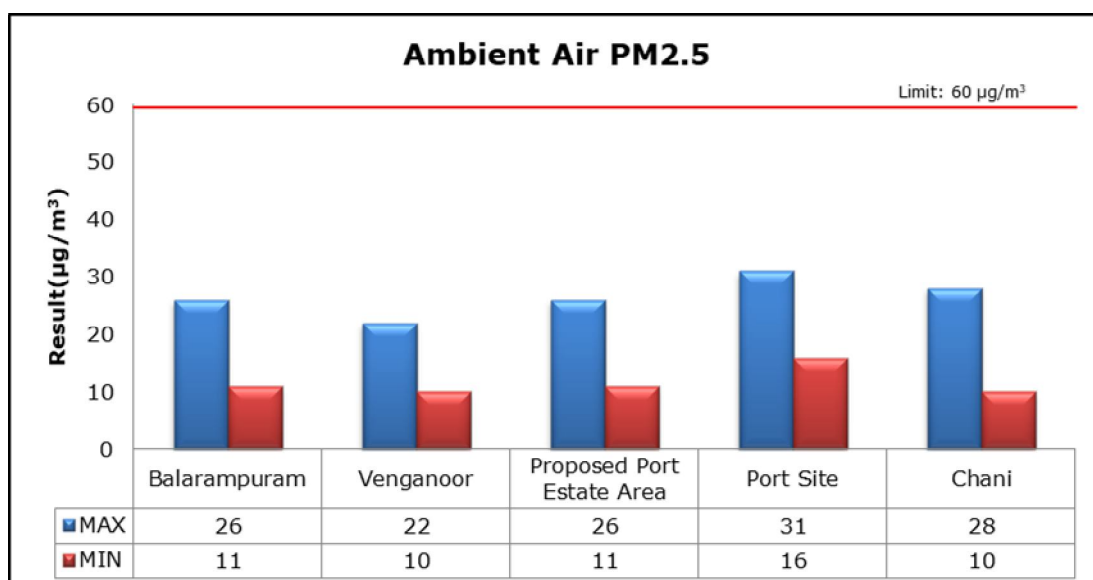
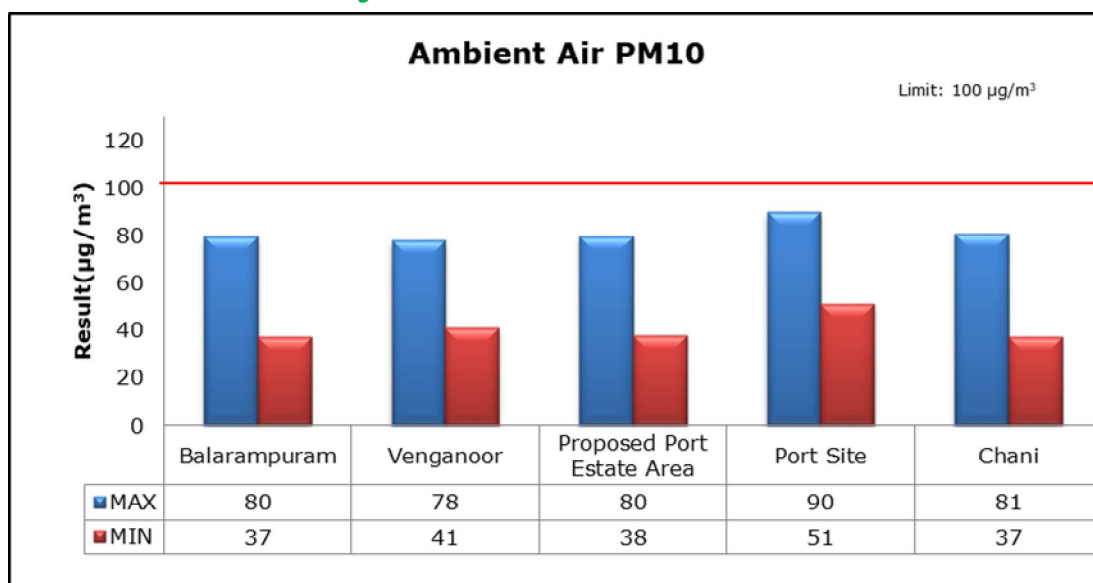
## Environment Monitoring Locations:

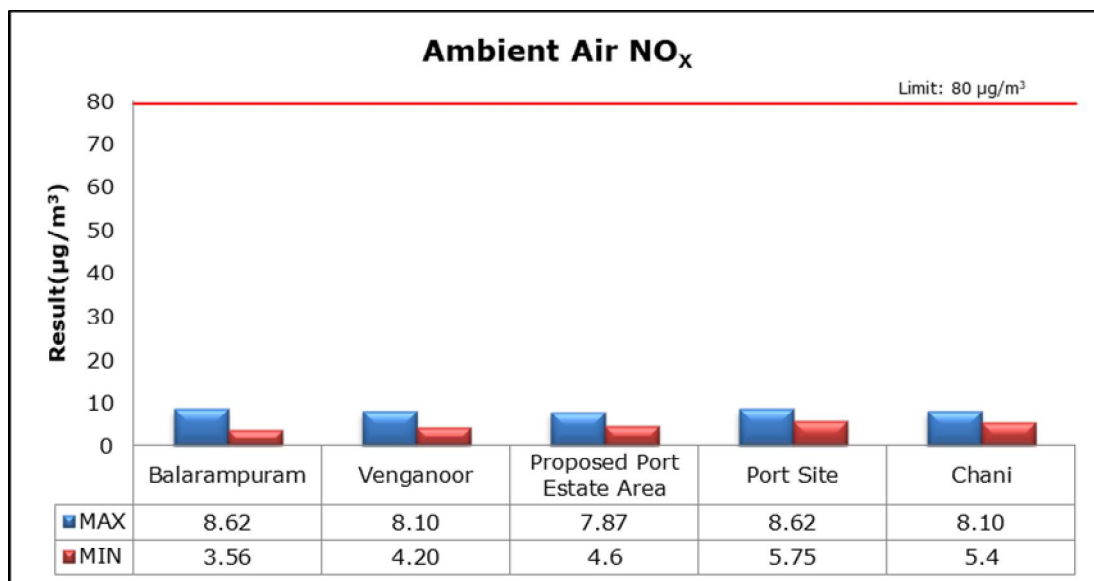
Sl. No.	Environmental Attribute	Location
1.	Ambient Air Quality Monitoring	Port Site (AQM1)
		Proposed Port Estate Area (AQM2)
		Chani (AQM3)
		Venganoor (AQM4)
		Balarampuram (AQM5)
2.	Ambient Noise	Port Site
		Proposed Port Estate Area
		Chani
		Venganoor
		Balarampuram
3.	Groundwater	Port Site (GW 1)
		PAF Area (GW 2)
		Proposed Port Estate Area (GW 3)
4.	Surface Water	Poovar West Canal (SW 1)
		Vizhinjam Branch Canal (SW 2)
		Vellayani Lake (SW 3)

## 1. Summary

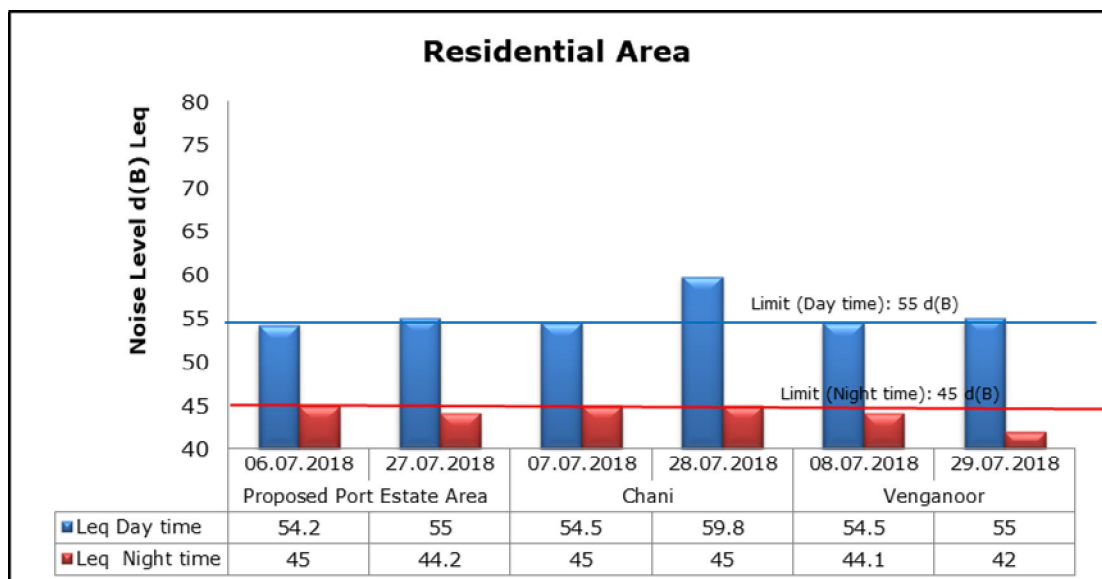
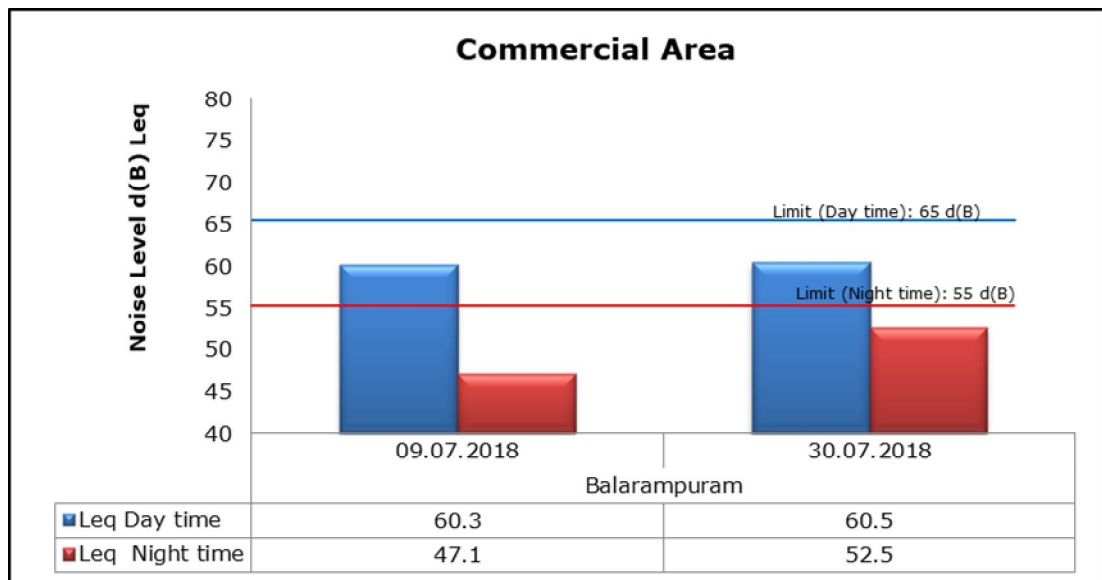
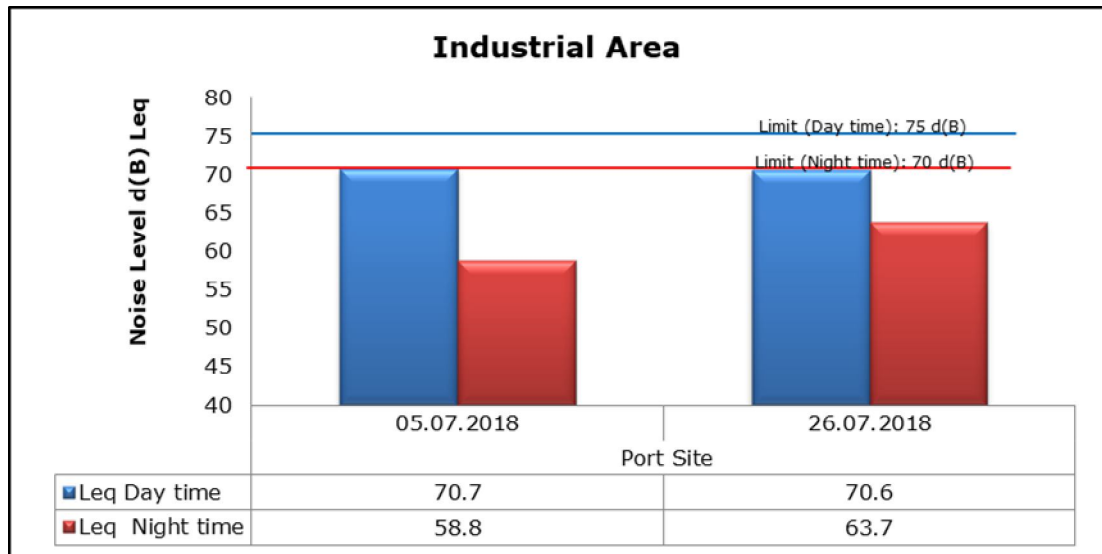
- The ambient air quality monitoring results were observed to be within National Ambient Air Quality Standards (NAAQS), 2009 at all the five locations.
- Noise readings were within limits at Port site, Balarampuram, Venganoor, Chani and Proposed port estate area. Reading slightly higher than the prescribed limits were observed only once during day time at Chani, during second fortnight this may be due to vehicles plying near the monitoring location and not due to project activities as these locations are far from the project site.
- Due to rough sea condition marine samples were not collected during the month.
- All the parameters of groundwater were recorded within the acceptable limits at all the locations.
- Surface water sample and marine water results were observed to be comparable with the baseline.

## 2. Ambient Air Quality

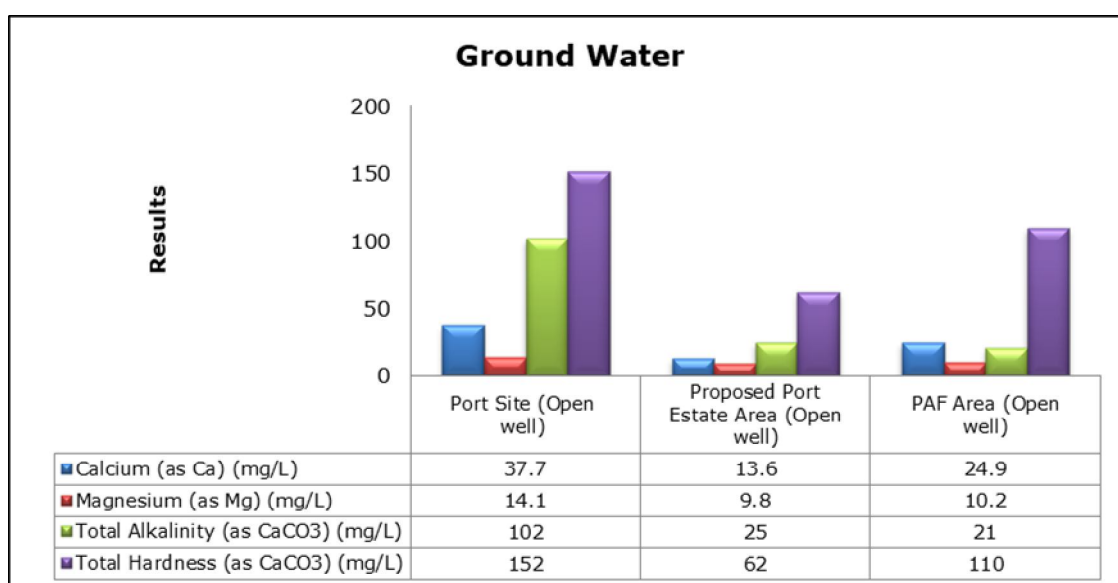
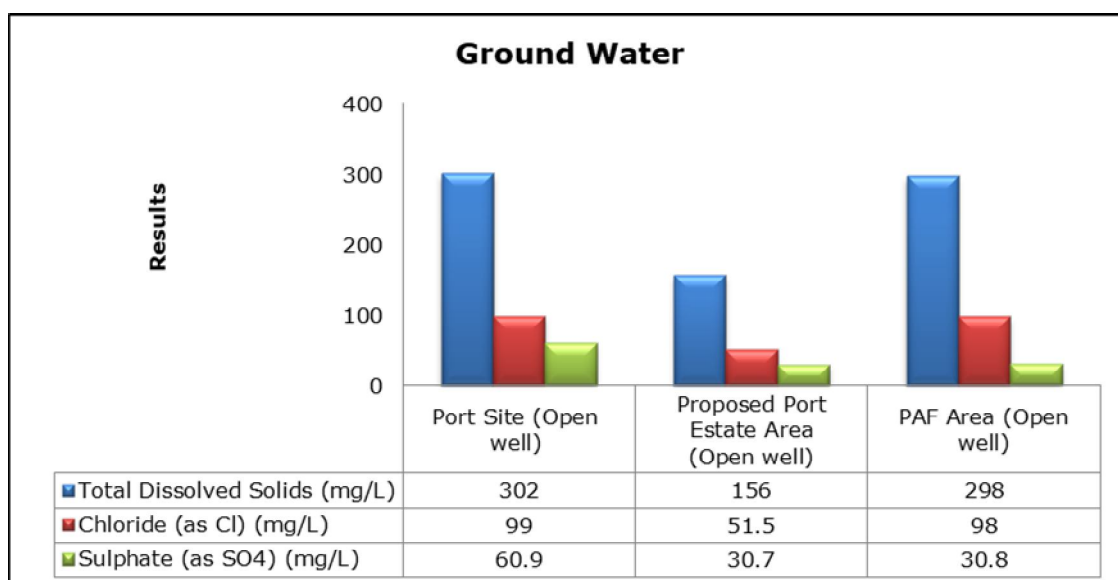
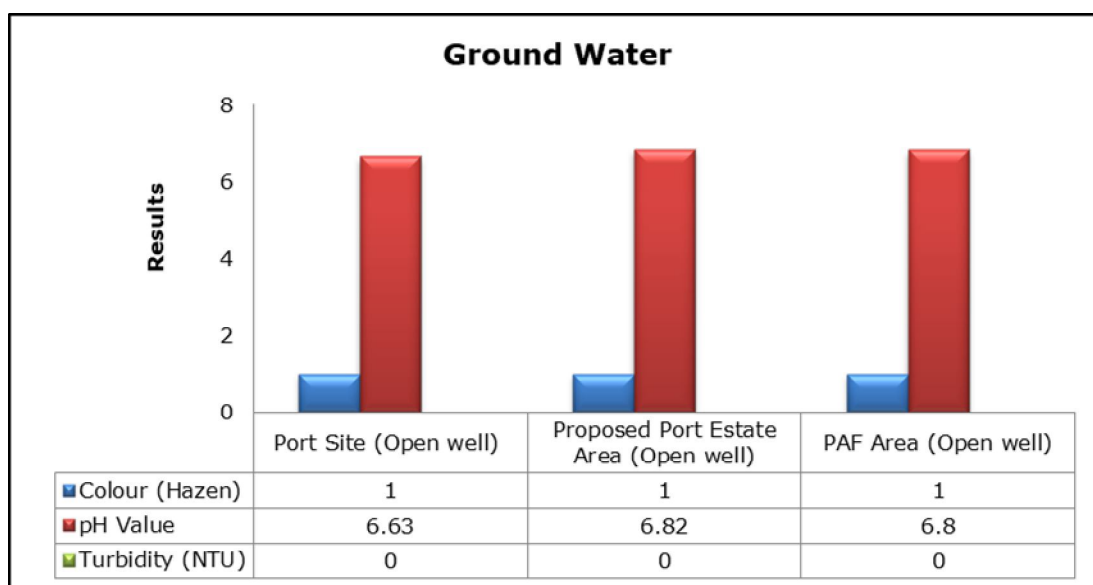


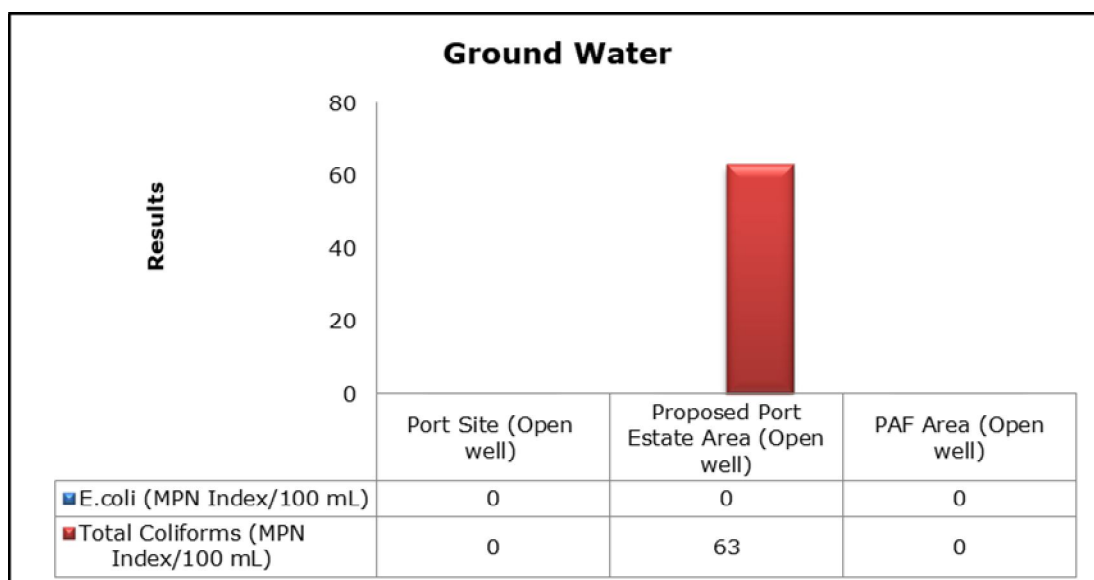
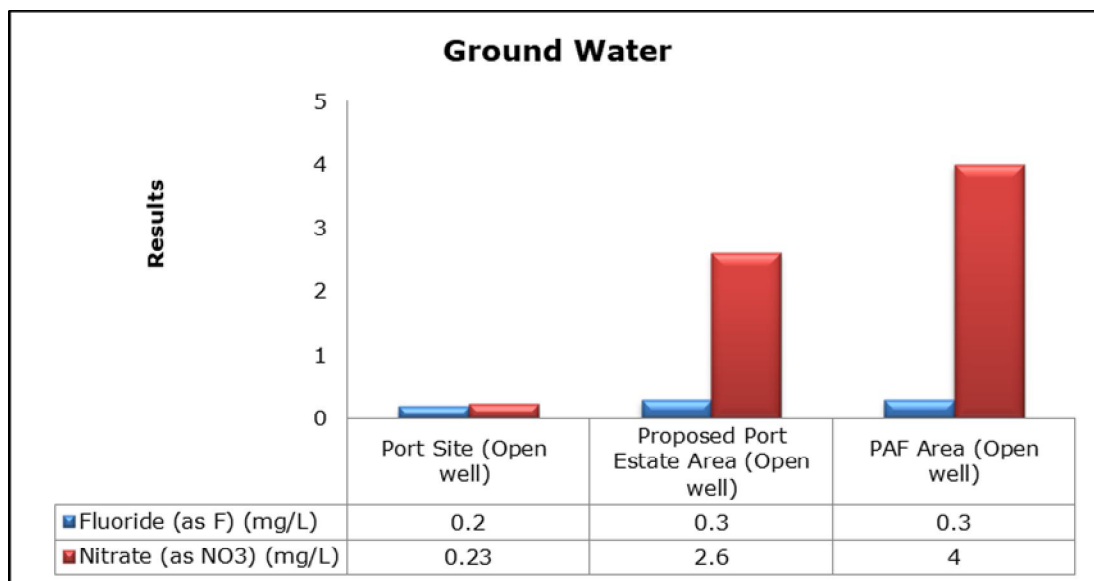


### 3. Ambient Noise



## 4. Ground Water Analysis







## 5. Surface Water Analysis

