

Environment Monitoring Report



Adani Vizhinjam Port Pvt. Ltd.

Vizhinjam, Kerala

June – 2020

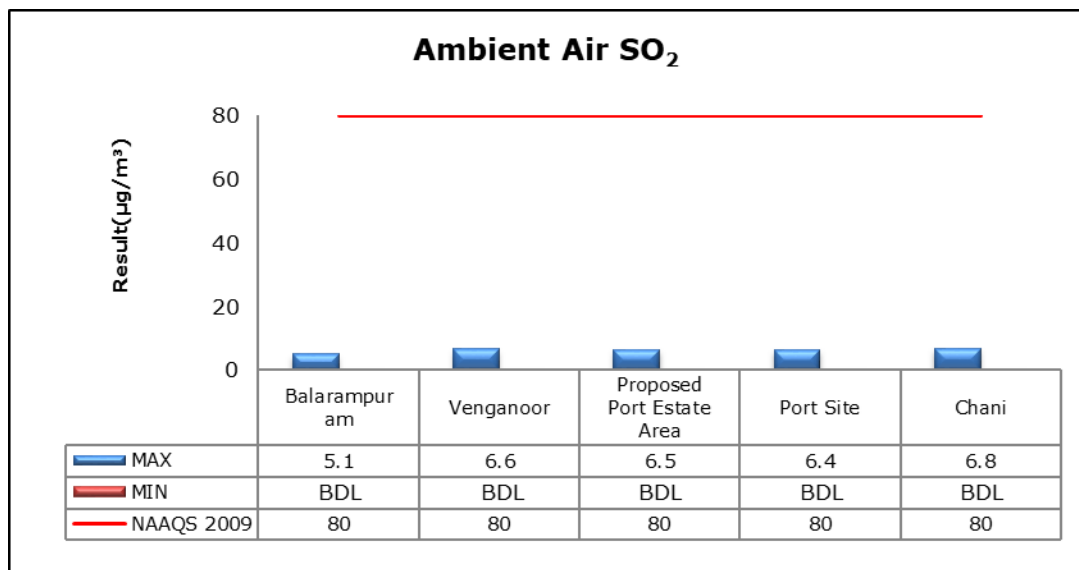
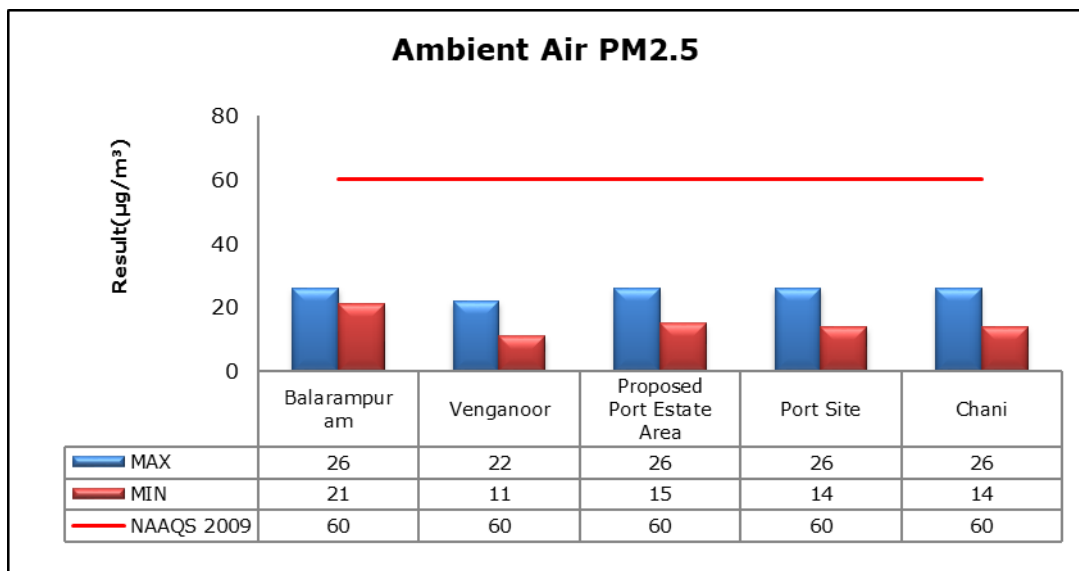
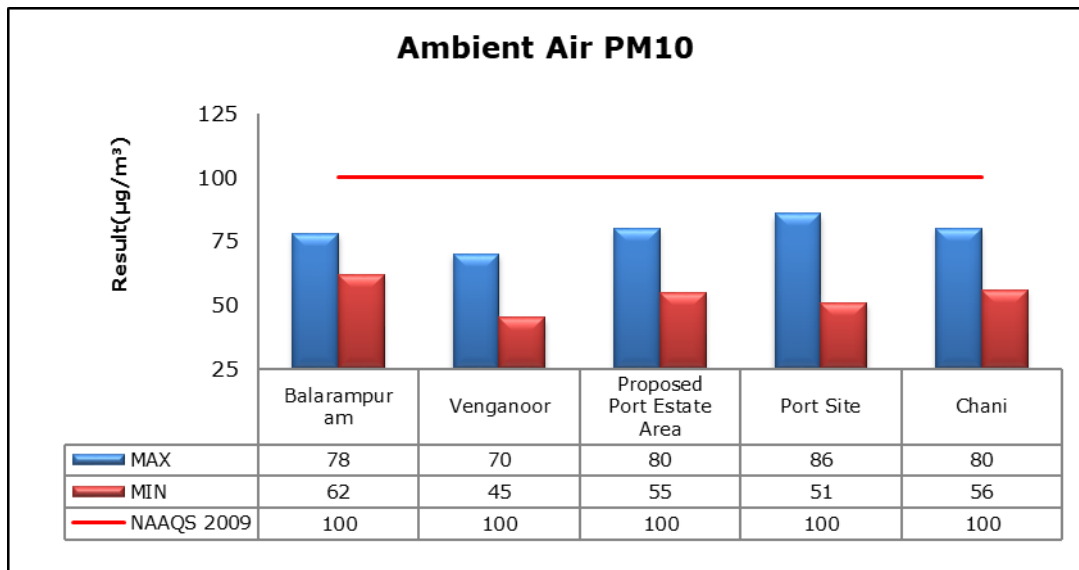
Environment Monitoring Locations:

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 (Industrial)
		Proposed Port Estate Area (Commercial)
		Chani (Residential)
		Venganoor (Residential)
		Balarampuram (Residential)
3.	Marine Water	Near Kovalam Beach (MW1)
		Proposed Dredge Material Disposal Site (MW2)
		South of Break Water (MW3)
		Port Basin (MW4)
		Inner Approach Channel (MW5)
		Kovalam Beach (MW 6)
4.	Groundwater	Port Site (GW 1)
		PAF Area (GW 2)
		Proposed Port Estate Area (GW 3)
5.	Surface Water	Poovar West Canal (SW 1)
		Vizhinjam Branch Canal (SW 2)
		Vellayani Lake (SW 3)

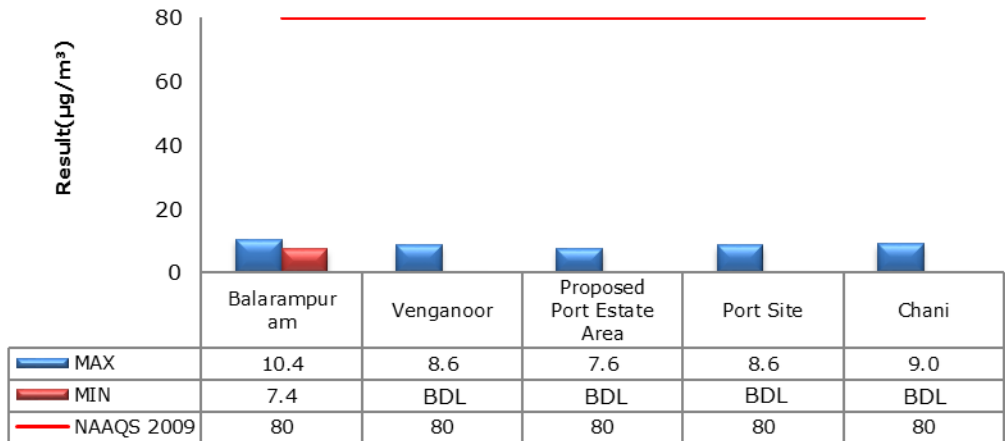
1. Summary

- The ambient air quality monitoring results were observed to be within National Ambient Air Quality Standards (NAAQS), 2009 at all the five locations during the month of June 2020.
- Noise readings were within limits at all the monitoring locations during the month of June 2020.
- All the parameters of groundwater were recorded within the acceptable limits at all the locations.
- Surface water results were observed to be comparable with the baseline.
- Marine water samples were not collected during the month of June 2020 due to rough sea conditions.

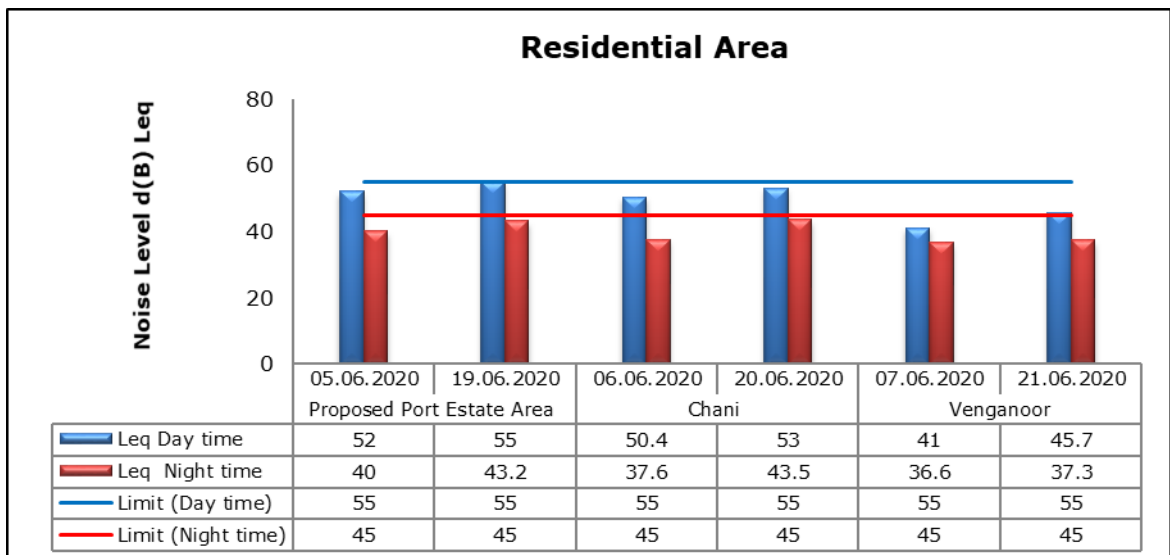
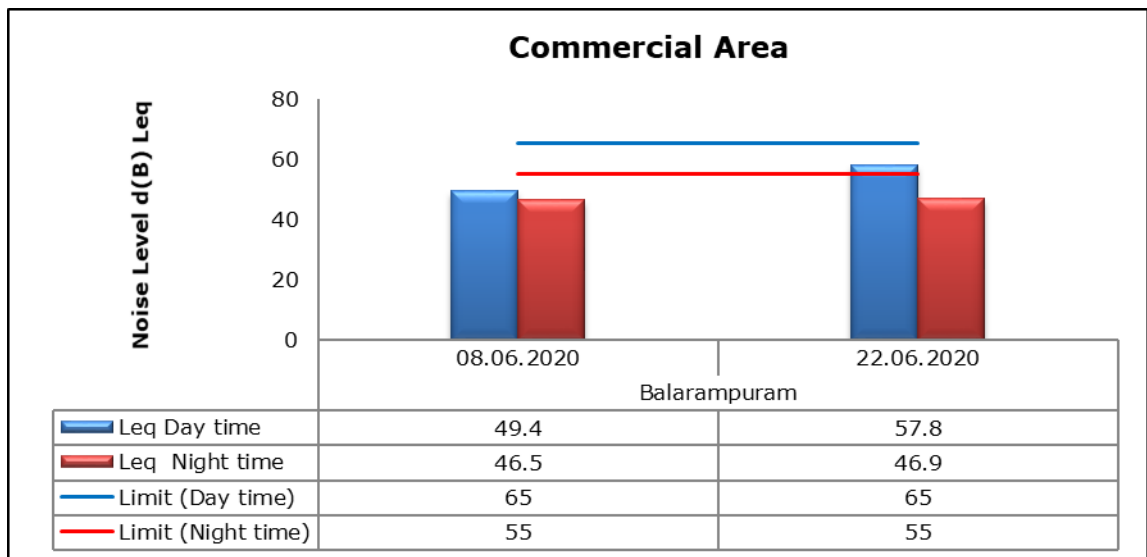
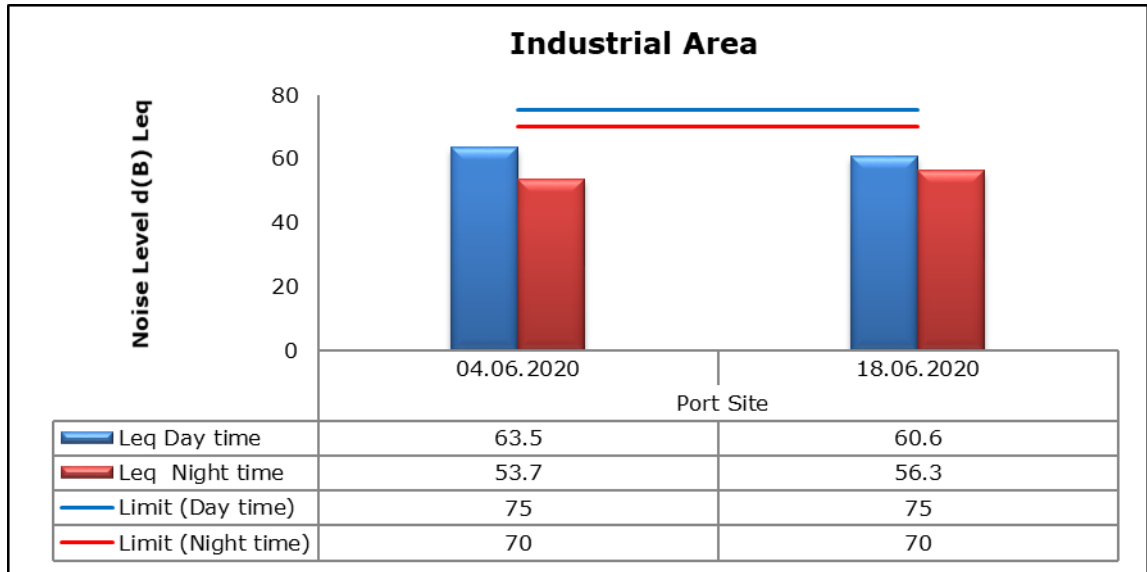
2. Ambient Air Quality



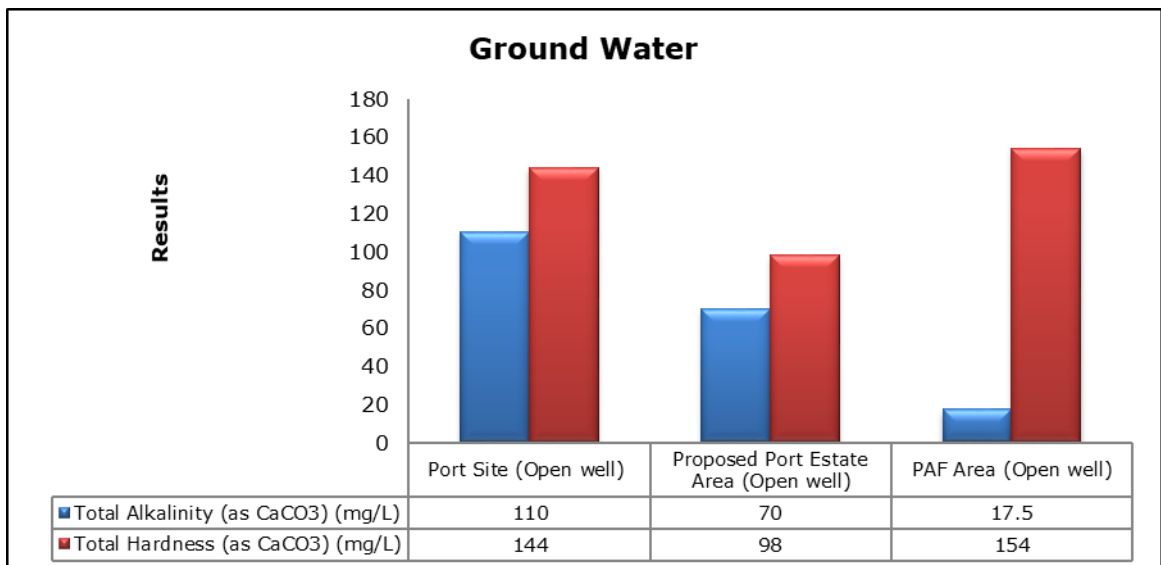
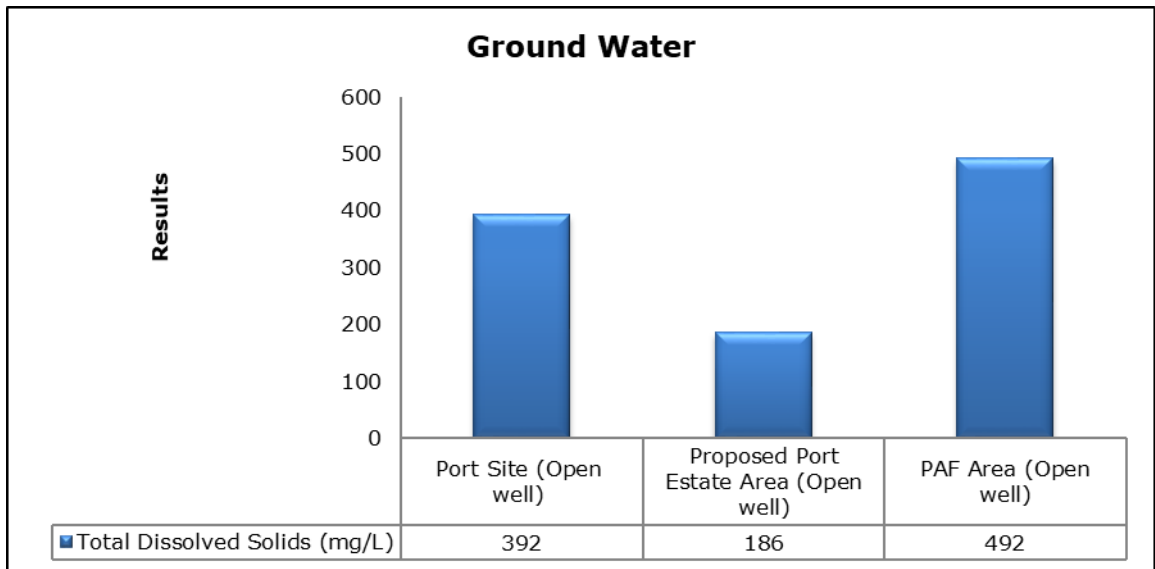
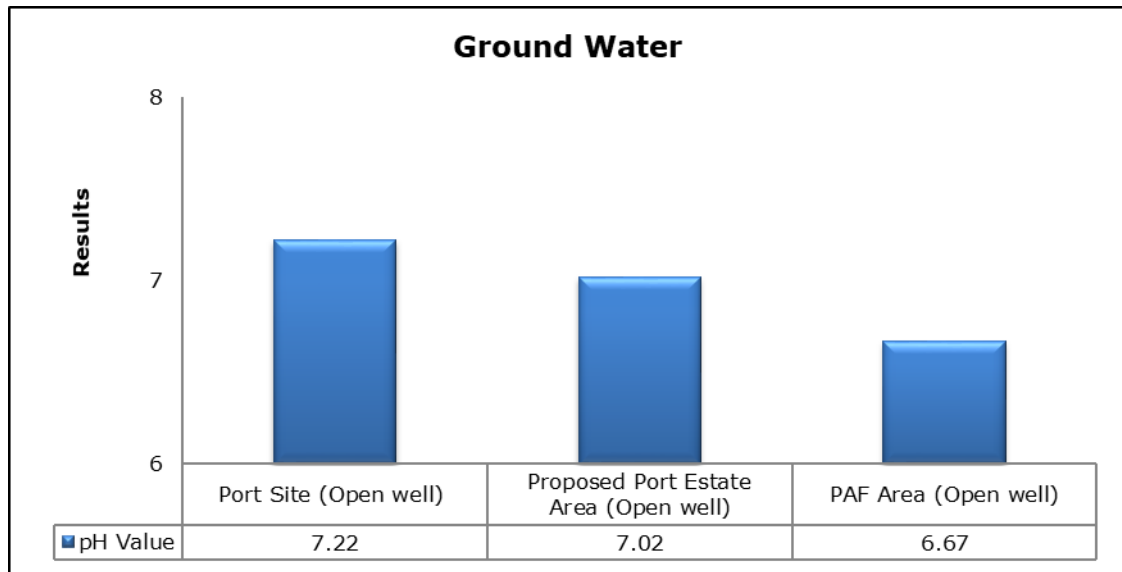
Ambient Air NO_x

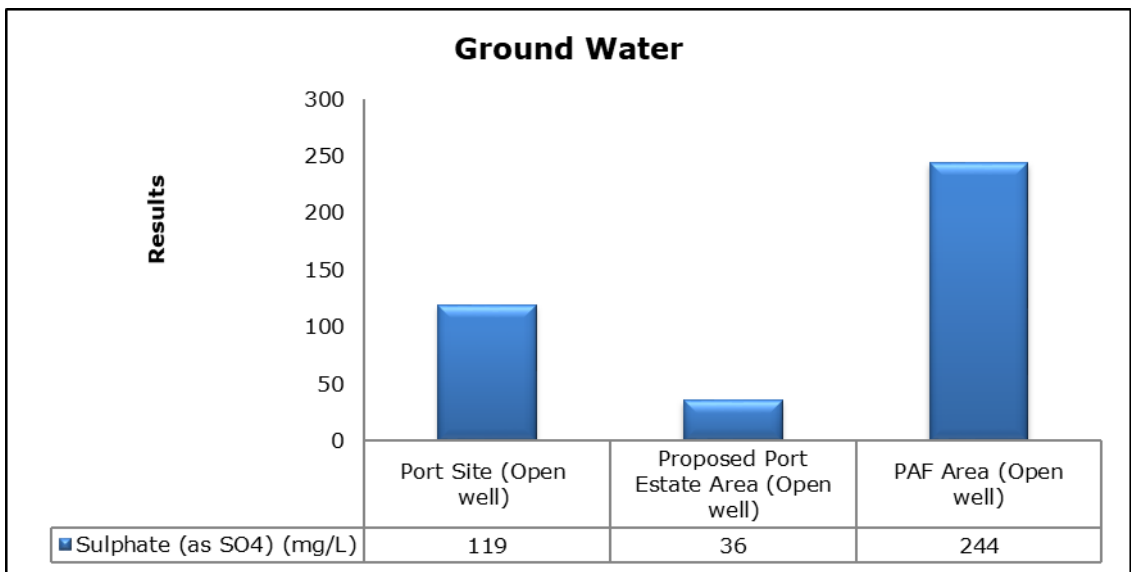
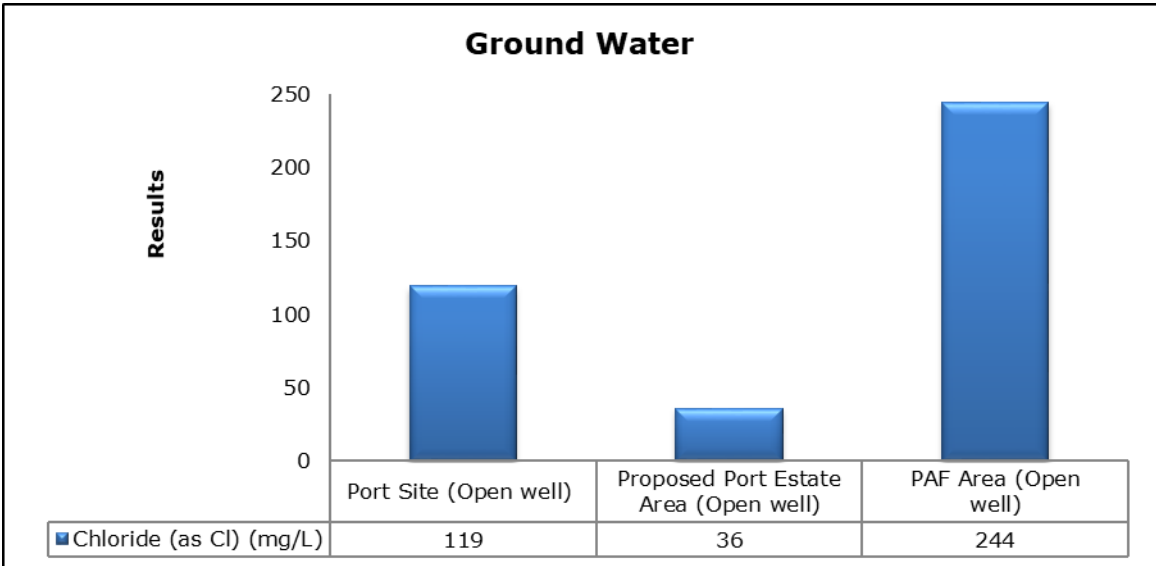
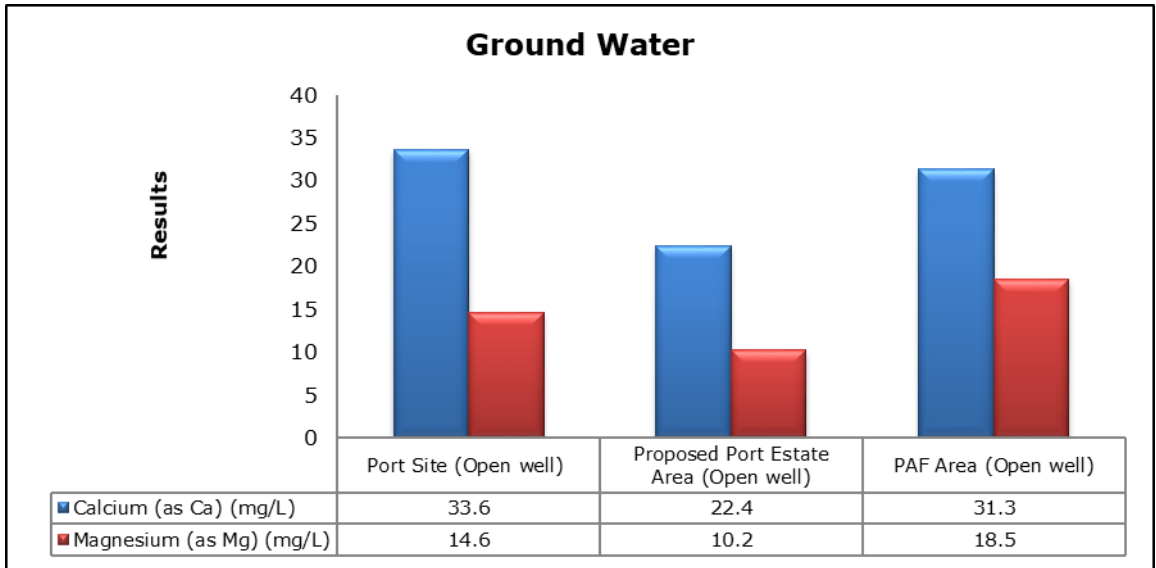


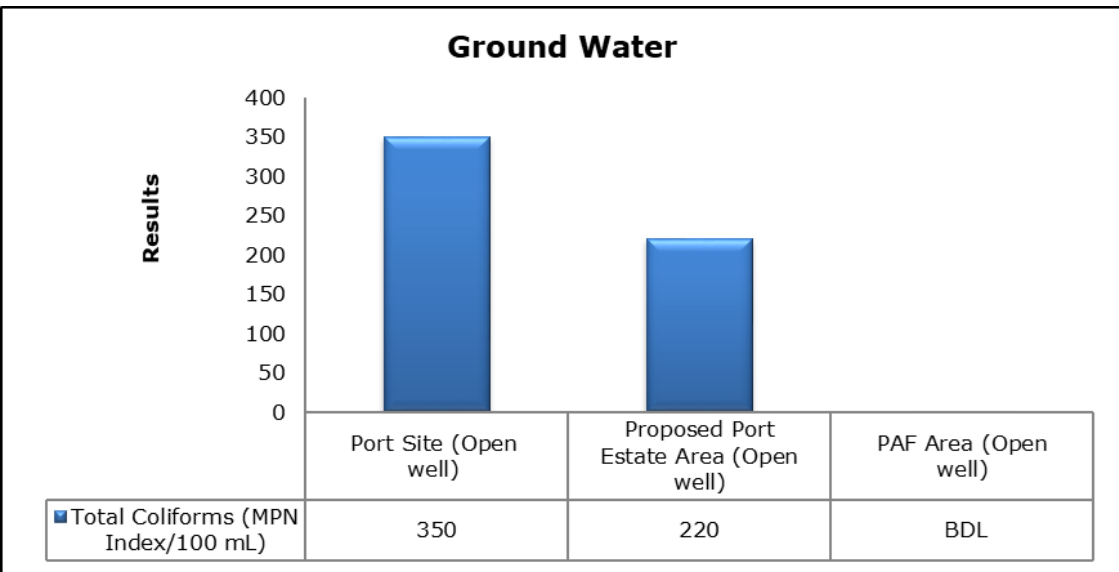
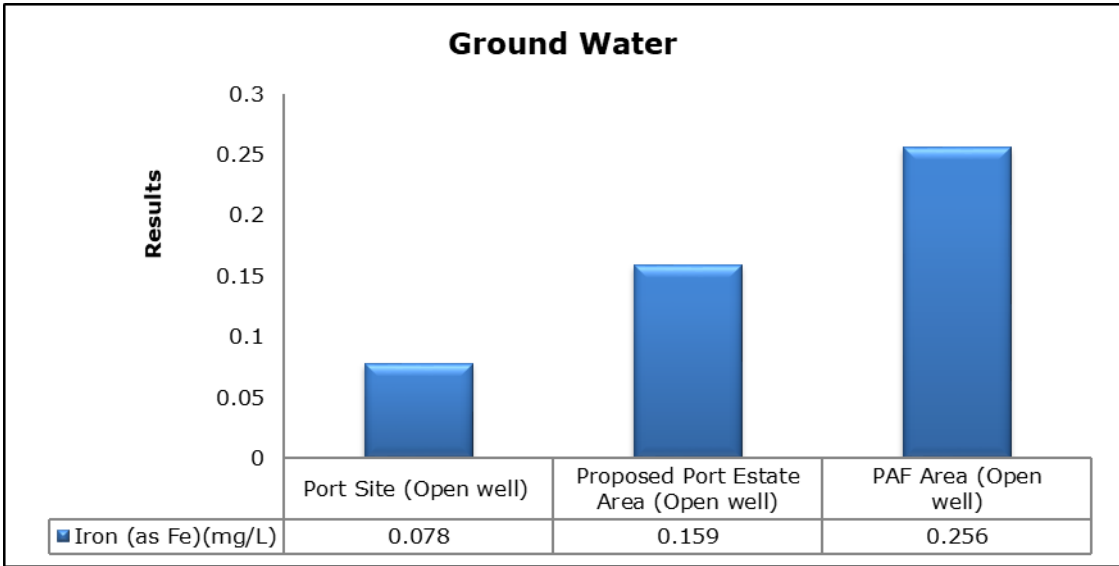
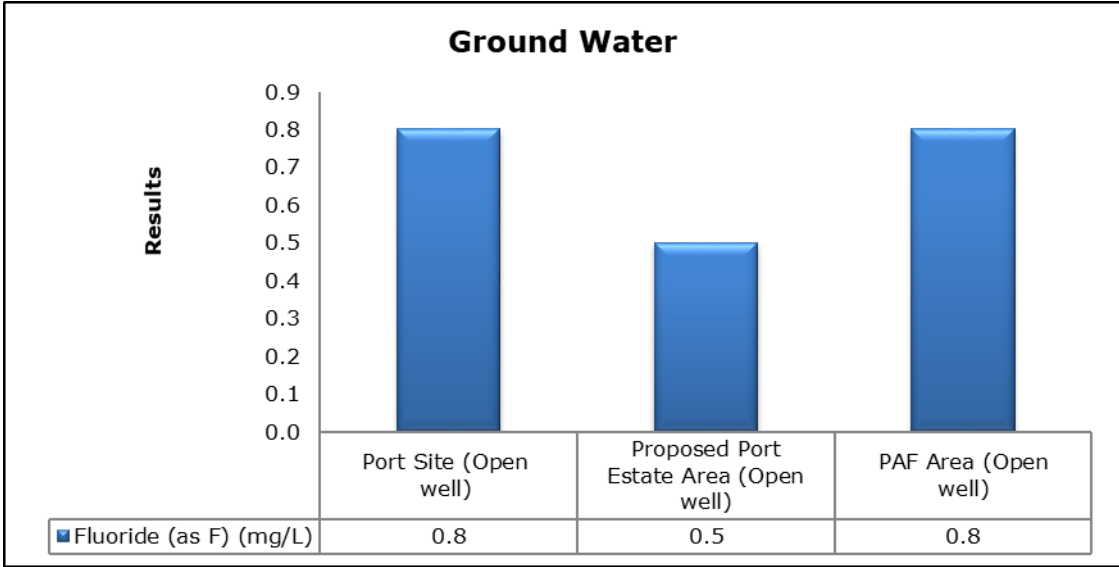
3. Ambient Noise



4. Groundwater Analysis







5. Surface Water Analysis

