

Environment Monitoring Report



Adani Vizhinjam Port Pvt. Ltd.

Vizhinjam, Kerala

July – 2021

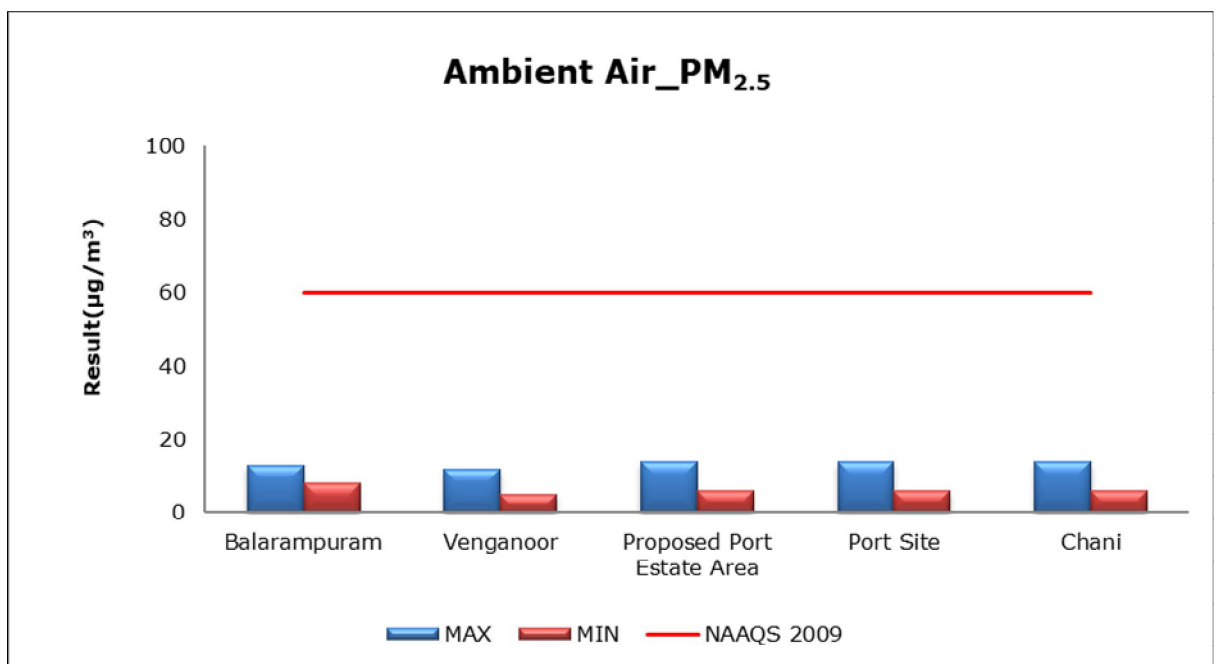
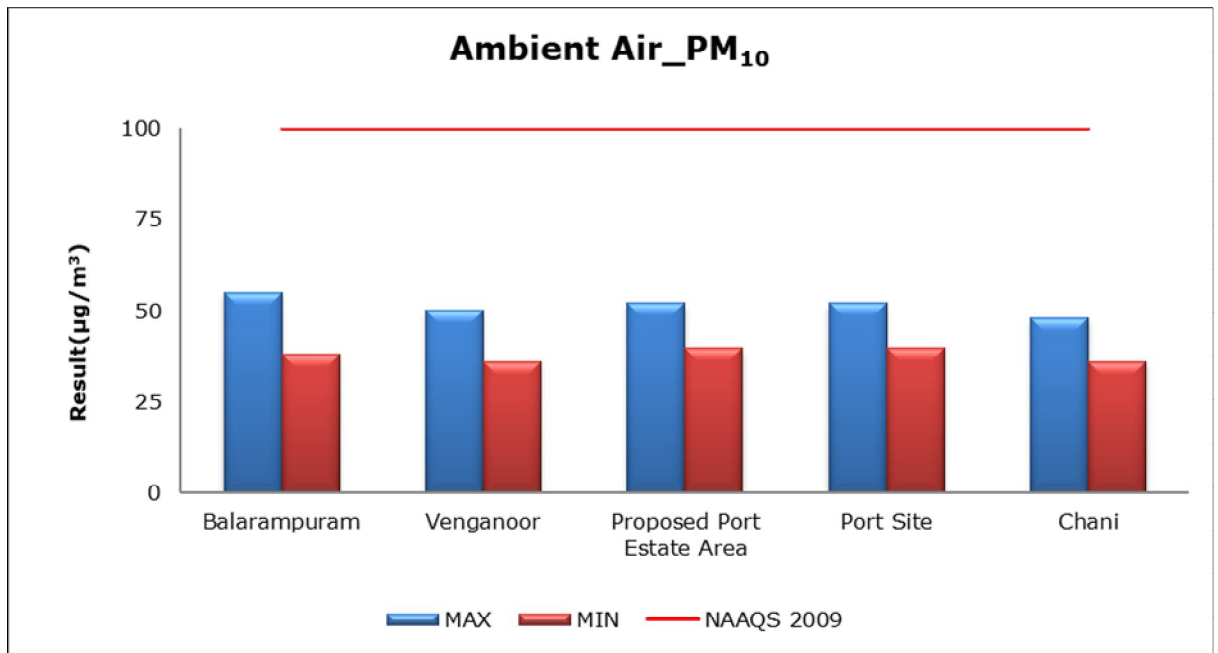
Environment Monitoring Locations:

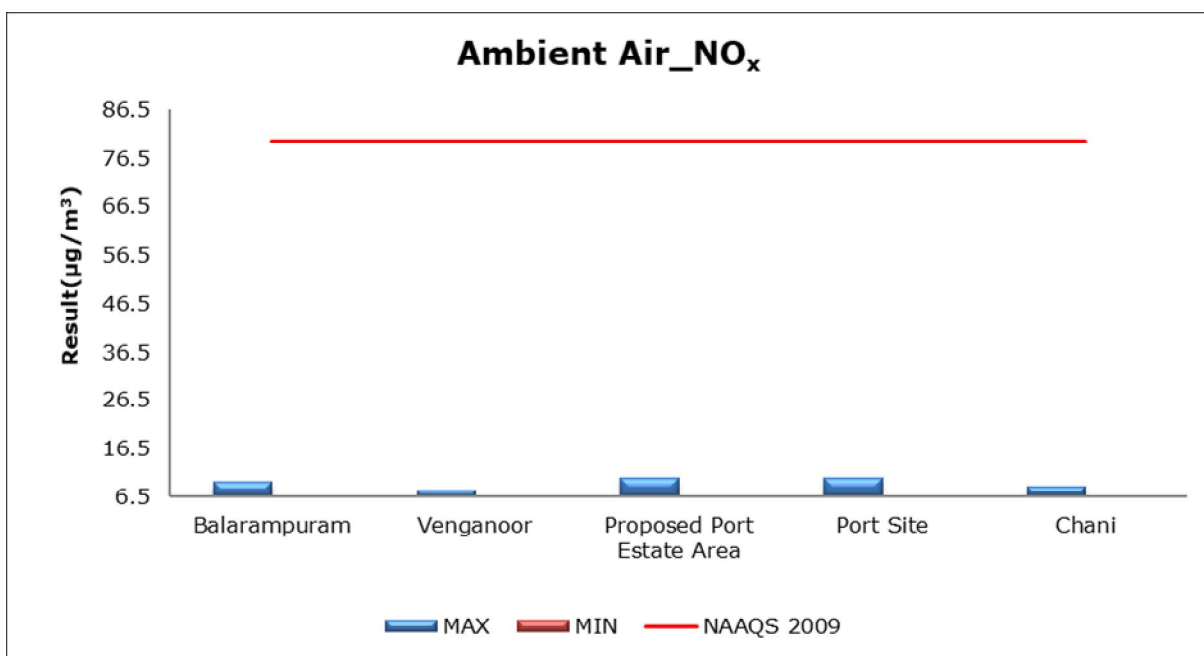
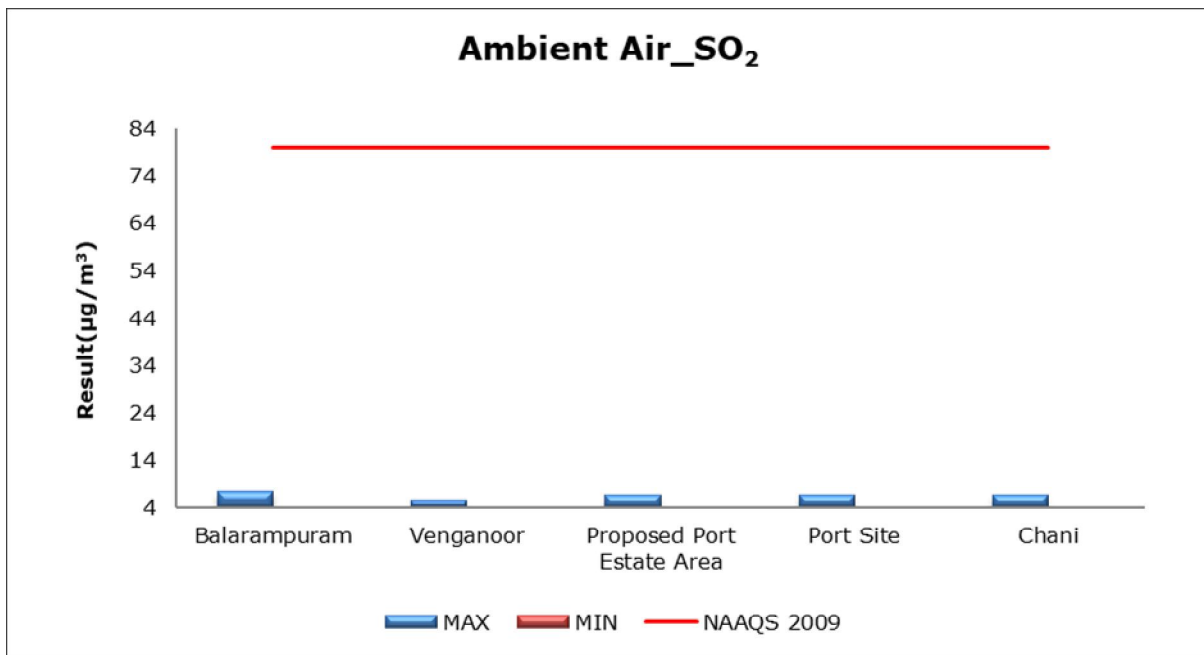
Sl. No.	Environmental Attribute	Location
1.	Ambient Air Quality Monitoring	Port Site (A1)
		Proposed Port Estate Area (A2)
		Chani (A3)
		Venganoor (A4)
		Balarampuram (A5)
2.	Ambient Noise	Port Site (Industrial) (N1)
		Proposed Port Estate Area (Commercial) (N2)
		Chani (Residential) (N3)
		Venganoor (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

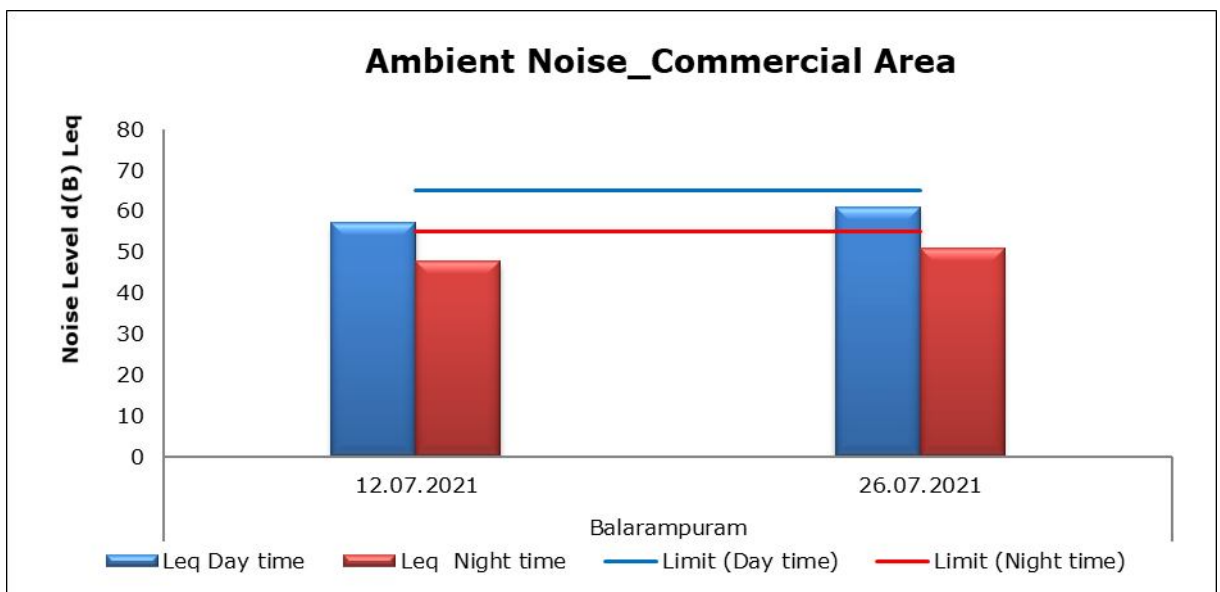
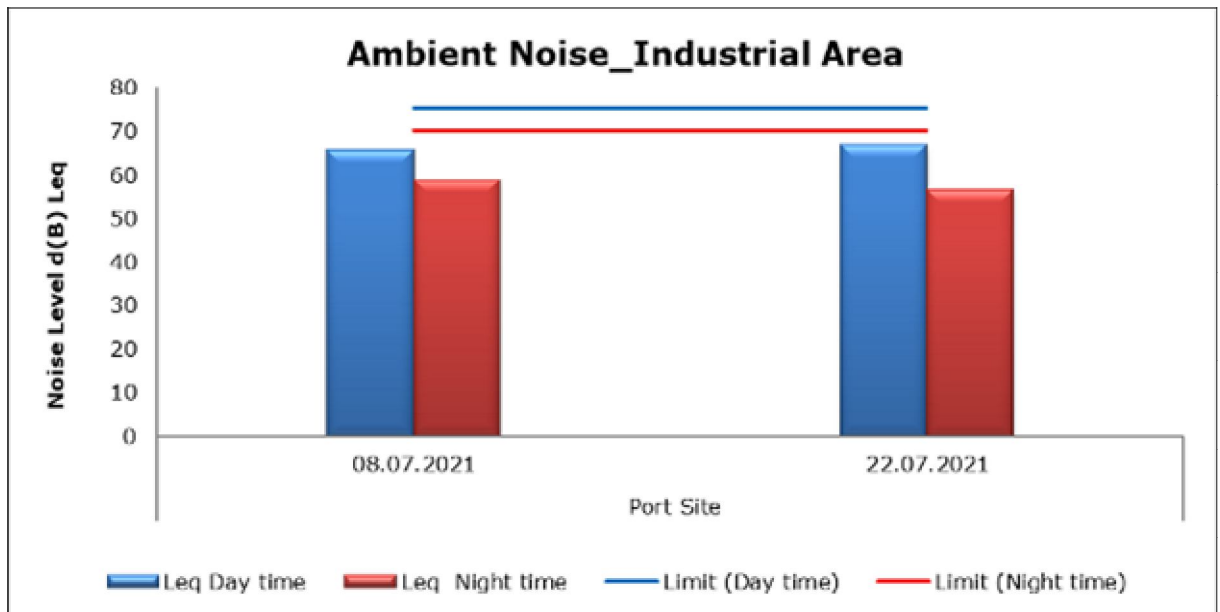
- The ambient air quality monitoring results were observed to be within National Ambient Air Quality Standards (NAAQS), 2009 at all the five locations during the month of July 2021.
- Noise readings were within limits at all the monitoring locations during the month of July 2021.
- Marine water and sediment samples were not collected in the month of July 2021 due to rough sea conditions.
- 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.

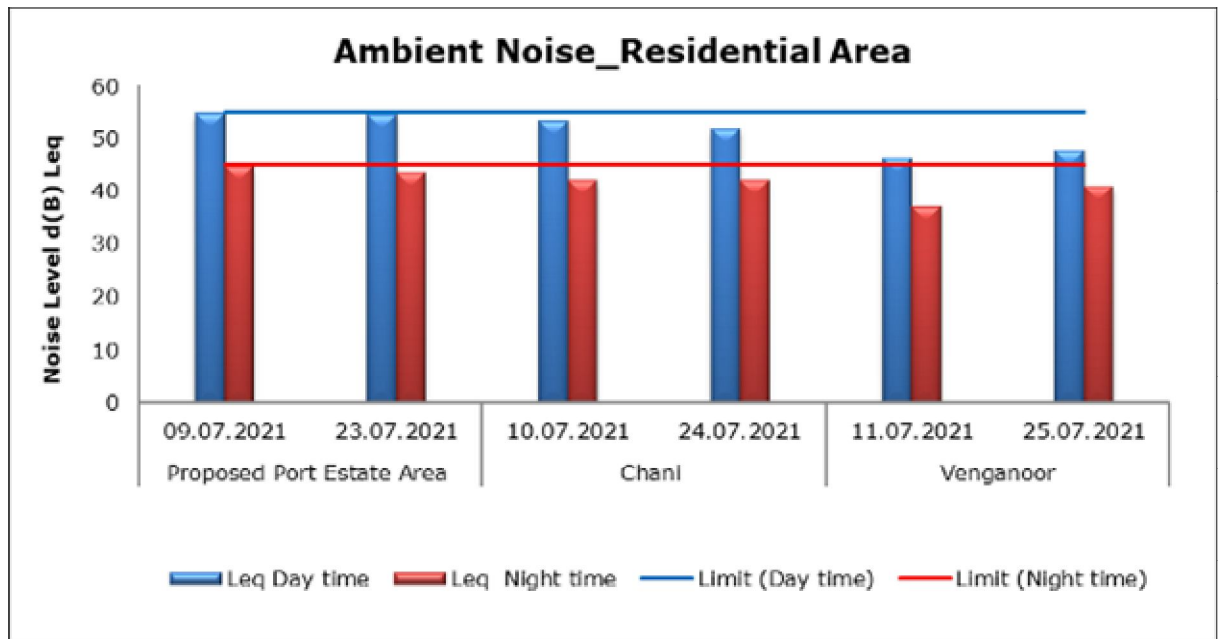
2. Ambient Air Quality



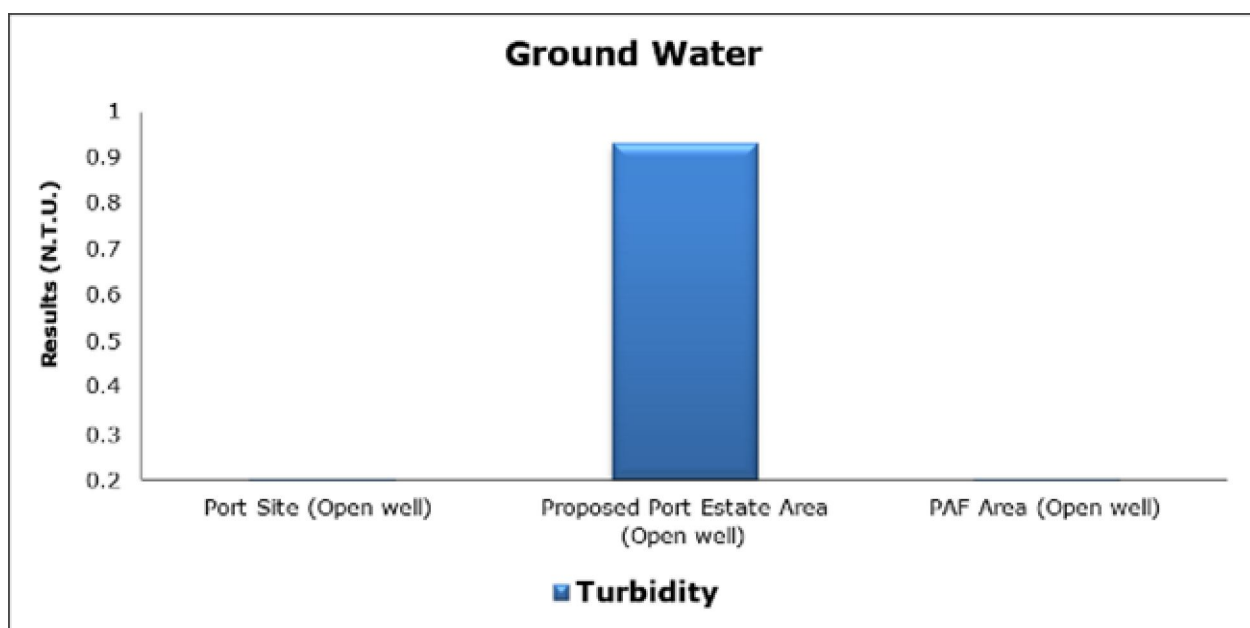
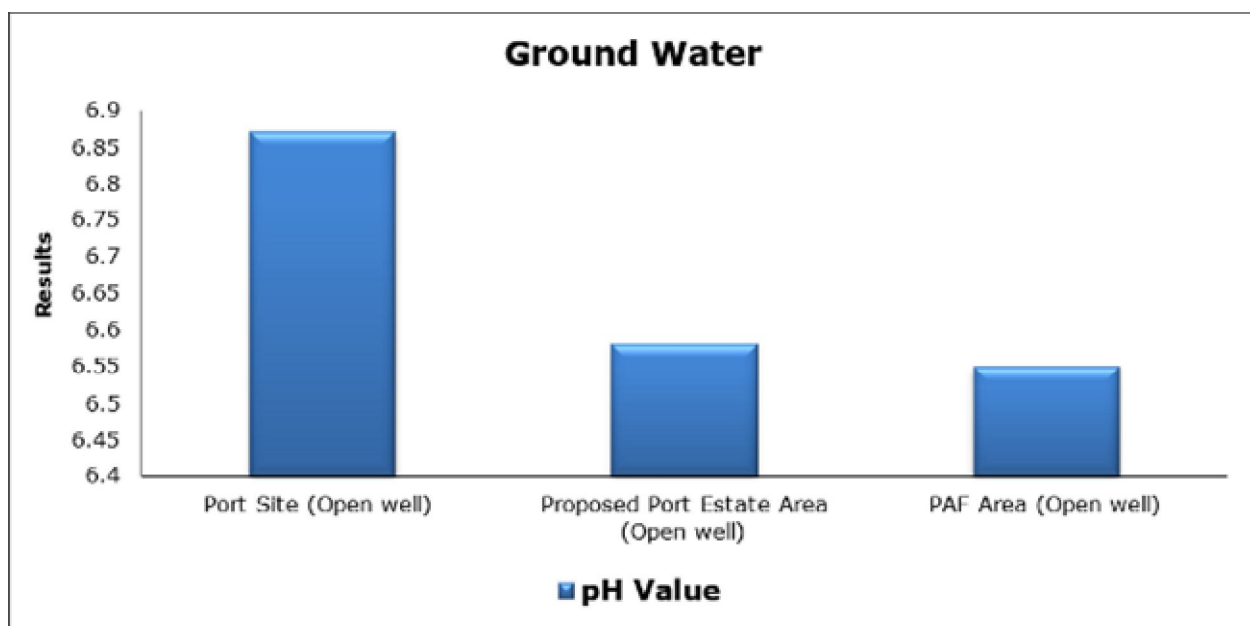


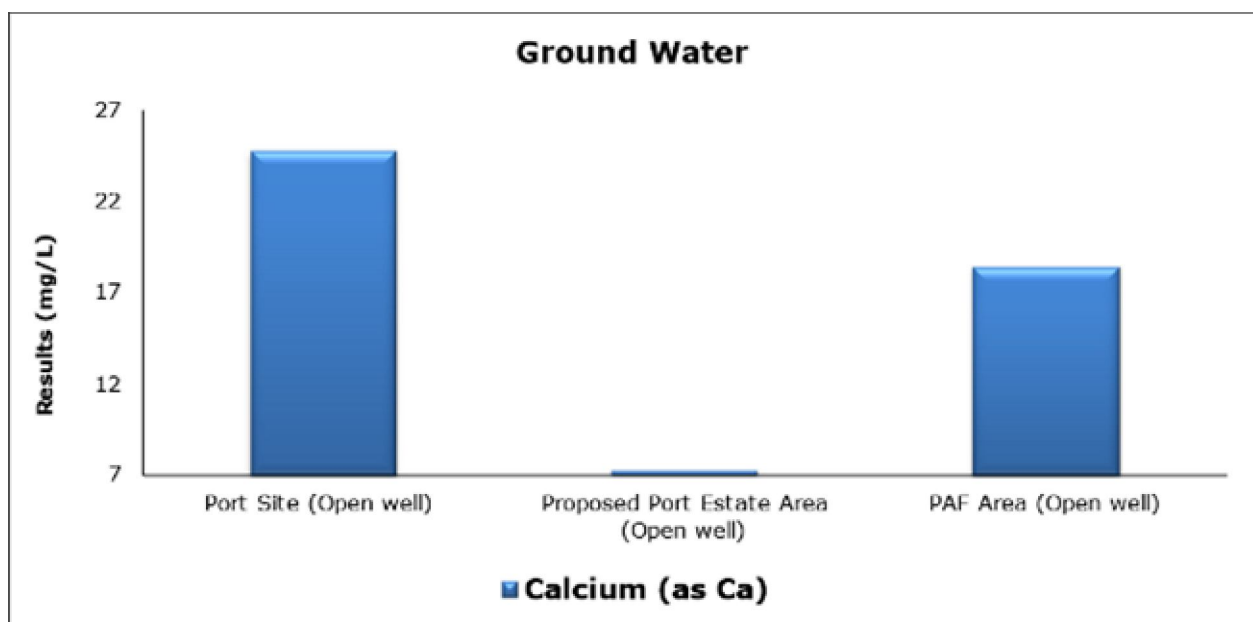
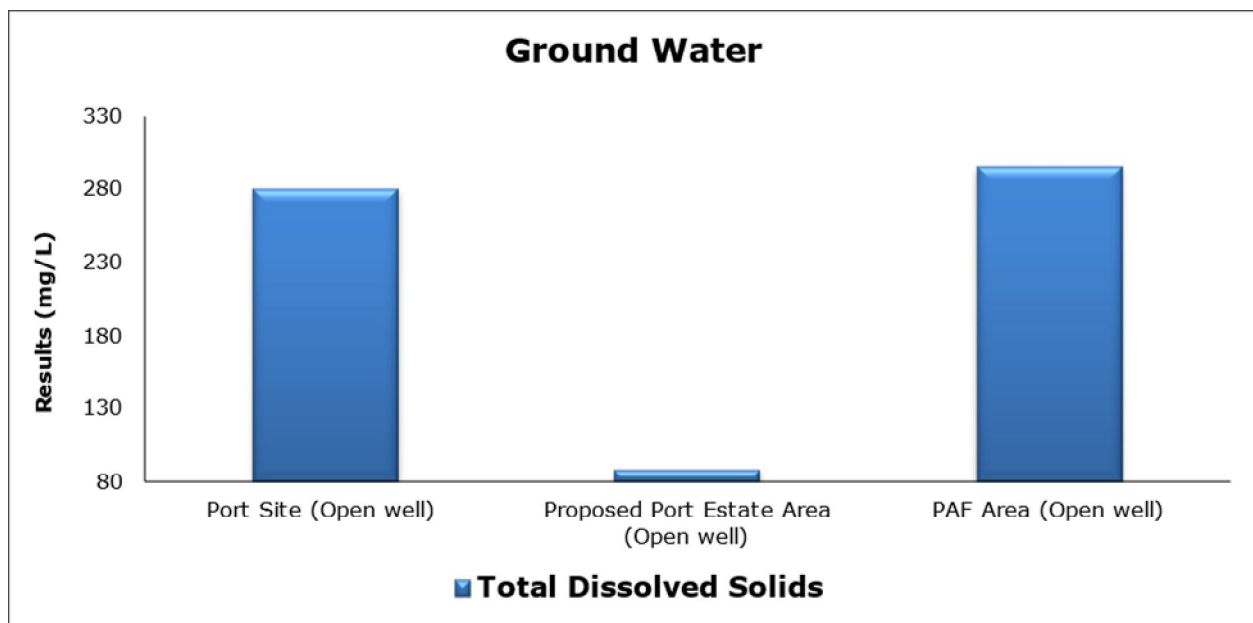
3. Ambient Noise

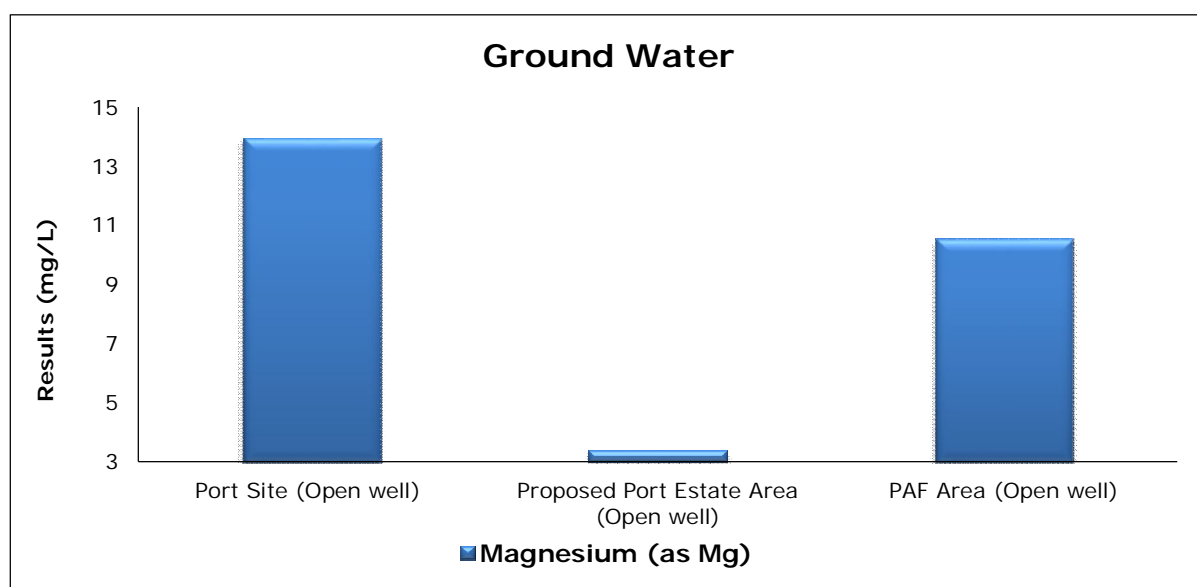
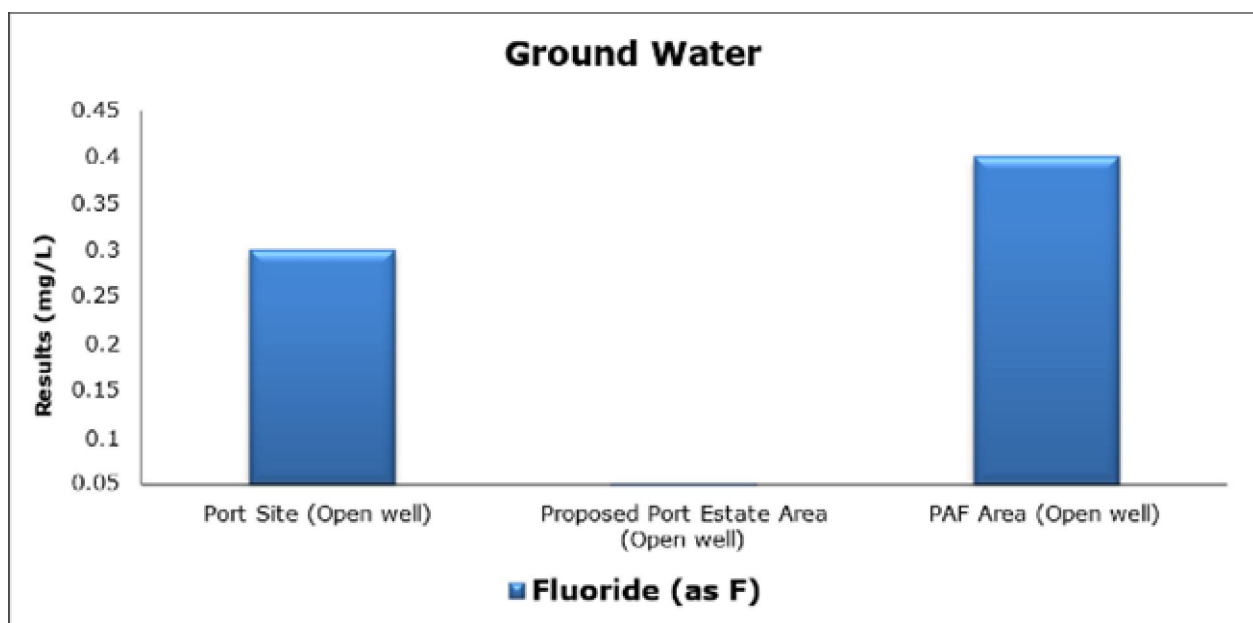
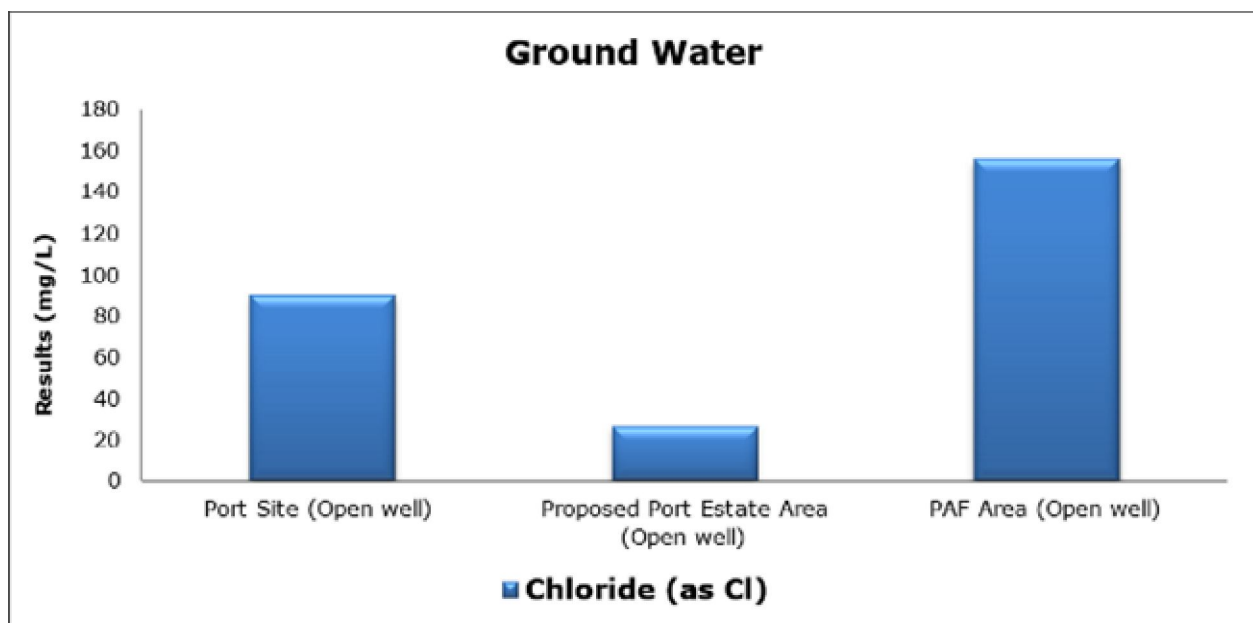


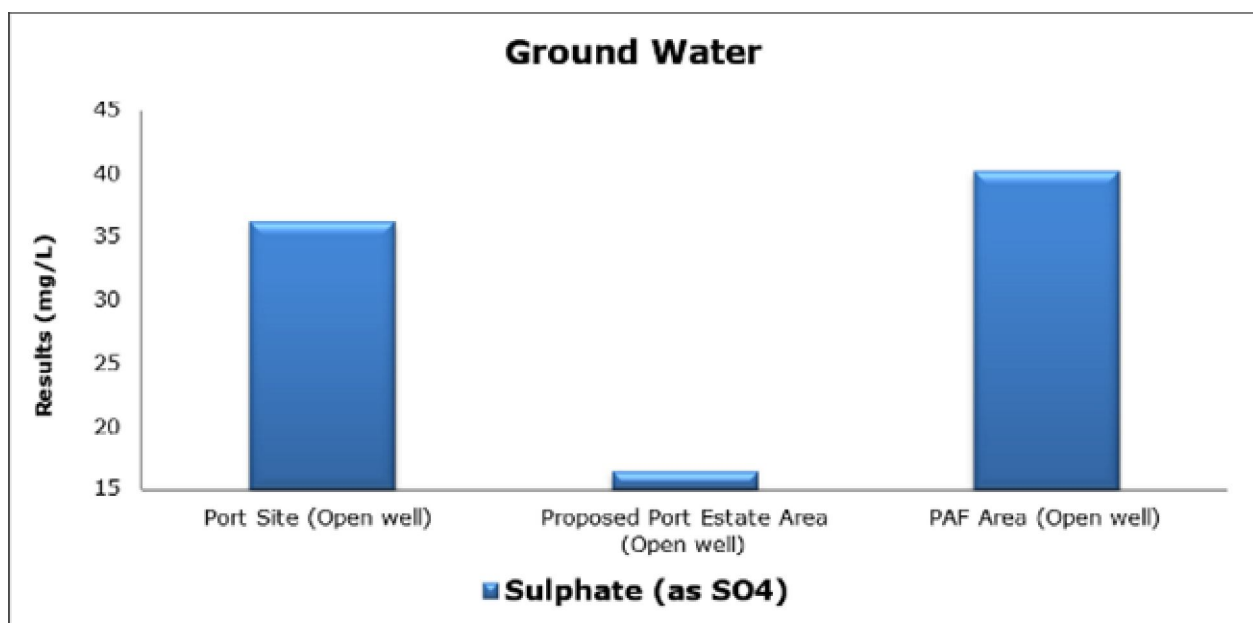
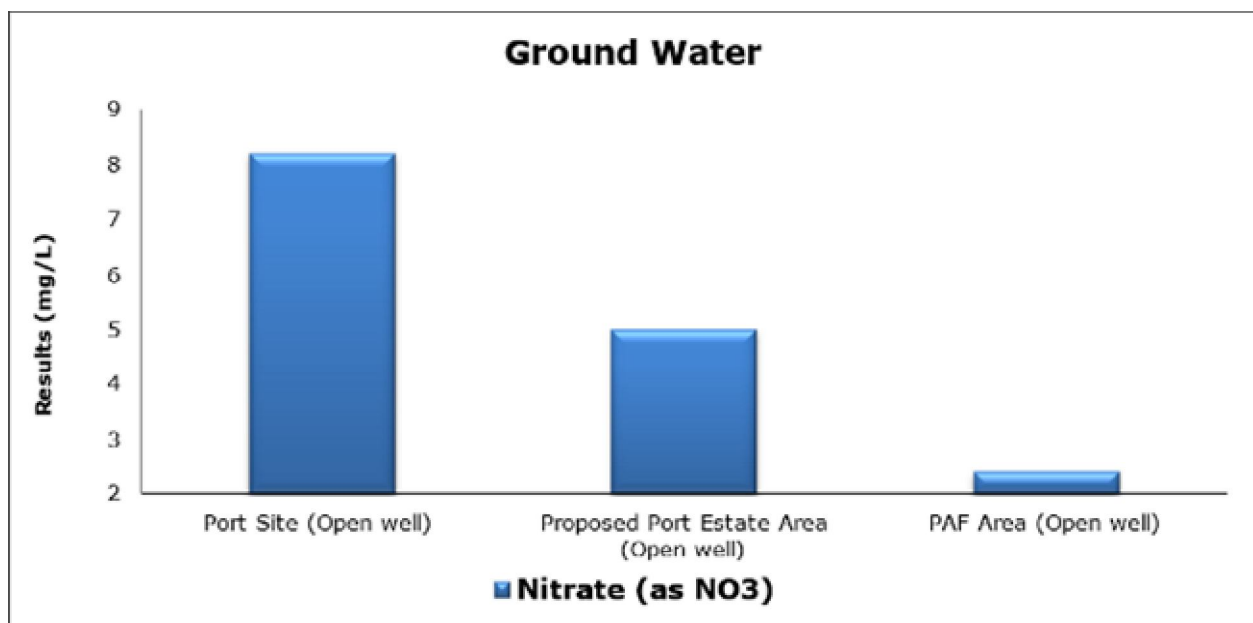


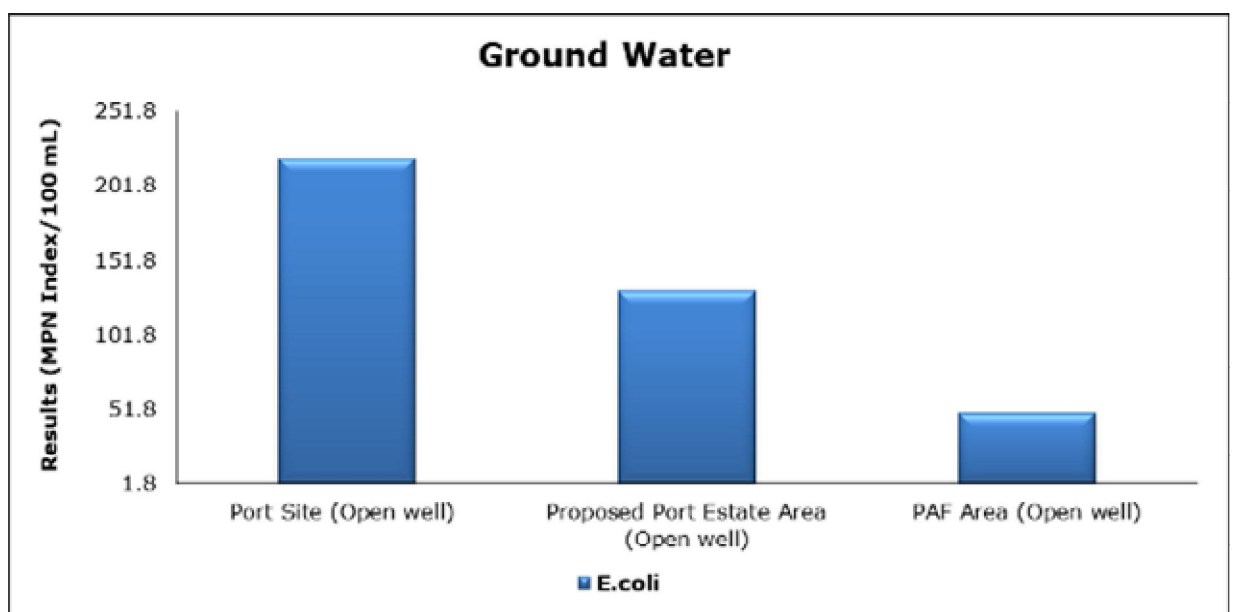
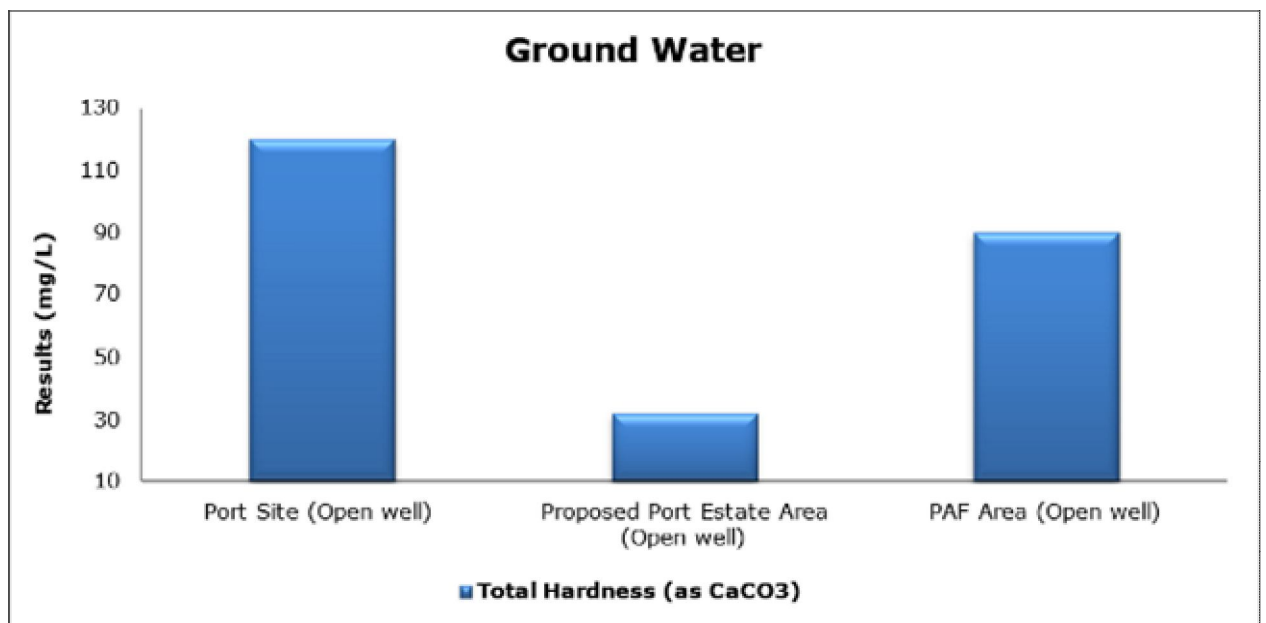
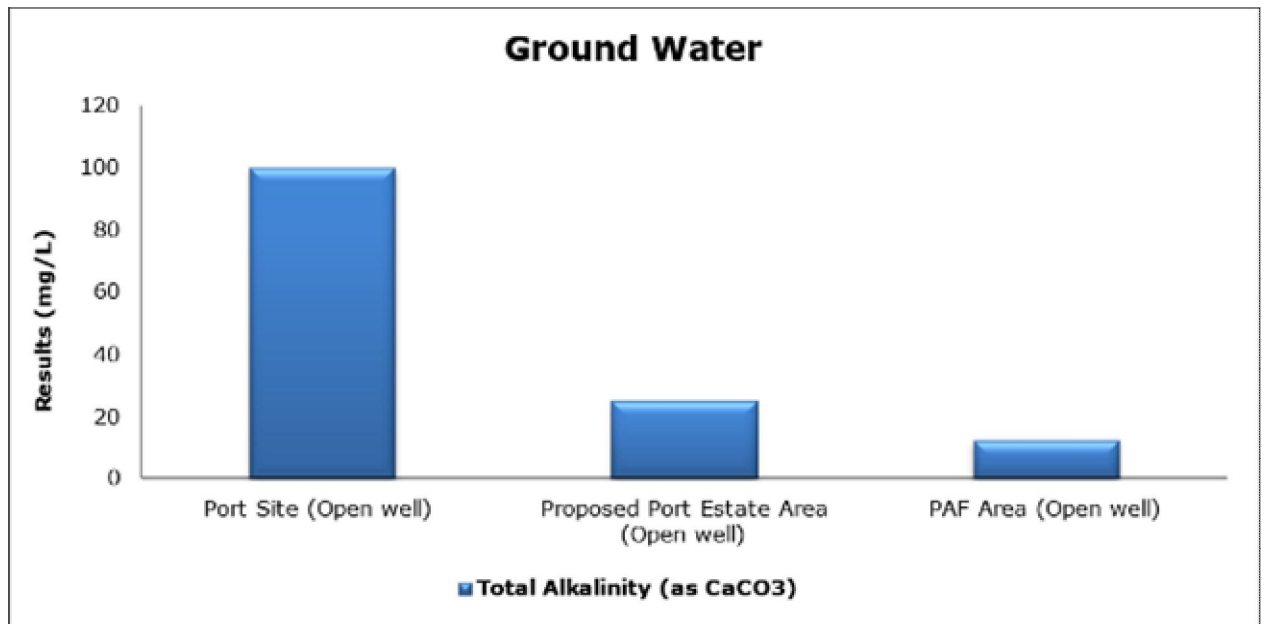
4. Groundwater Analysis

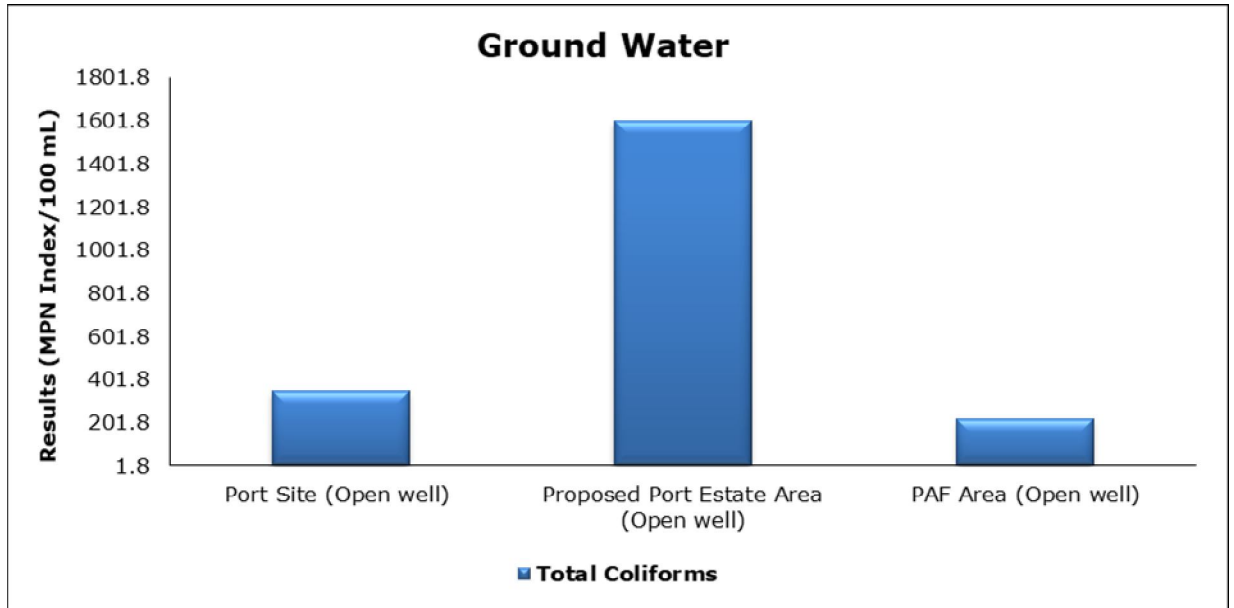












5. Surface Water Analysis

