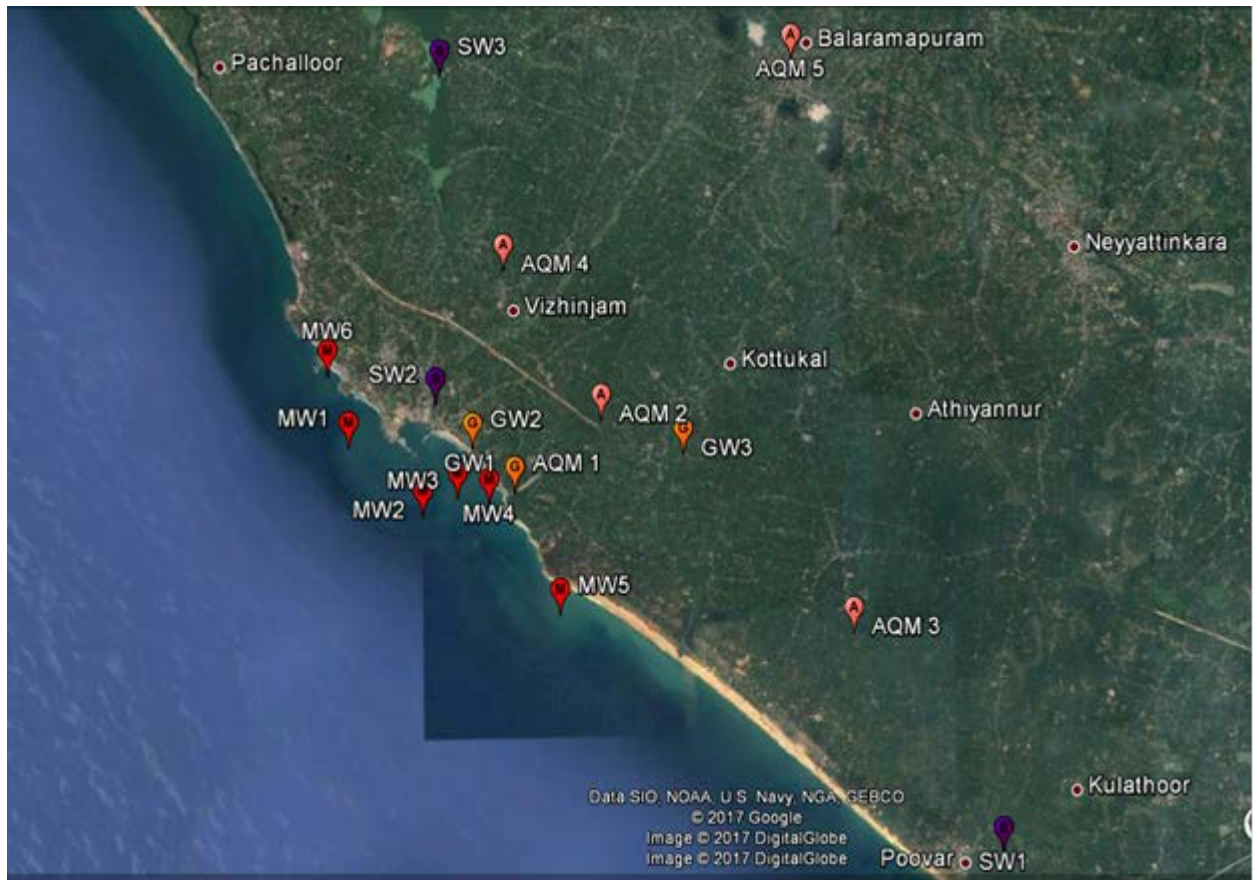


## Environmental Monitoring Report - Executive Summary



### **Adani Vizhinjam Port Pvt. Ltd.**

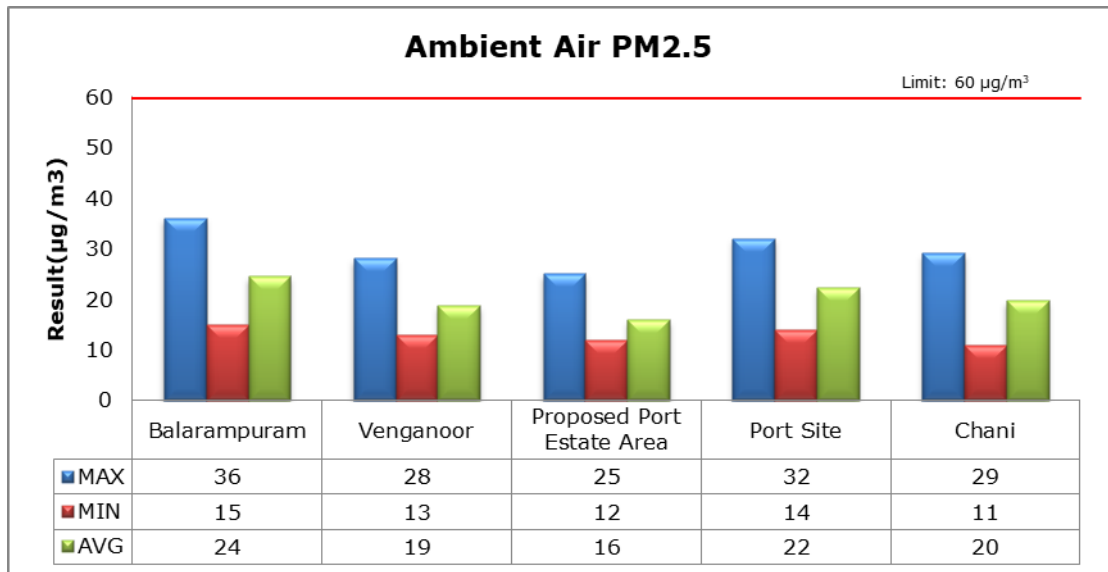
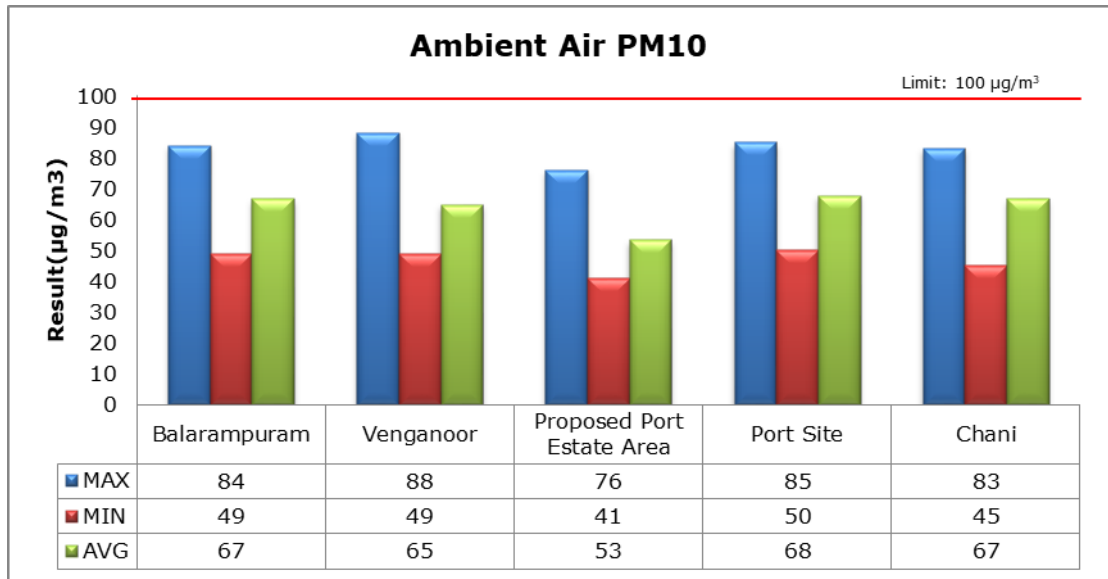
Vizhinjam, Kerala

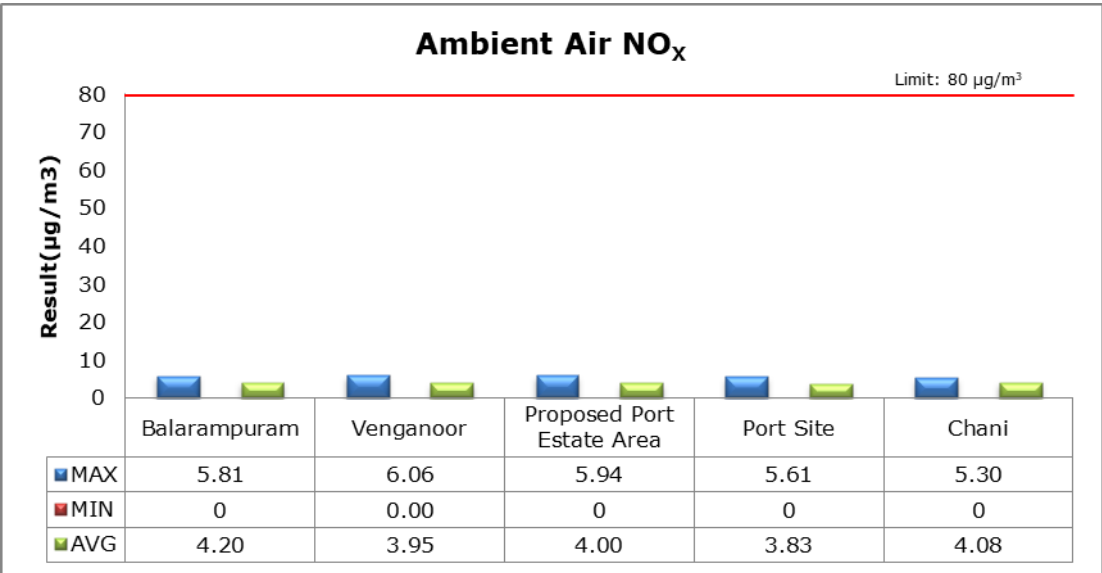
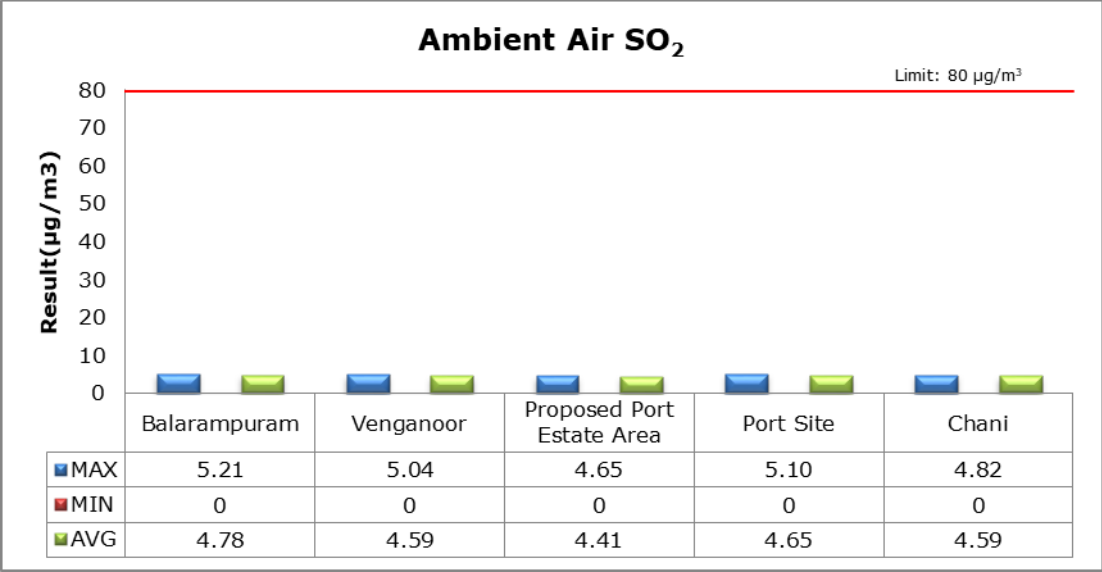
October – 2017

## Environment Monitoring Locations:

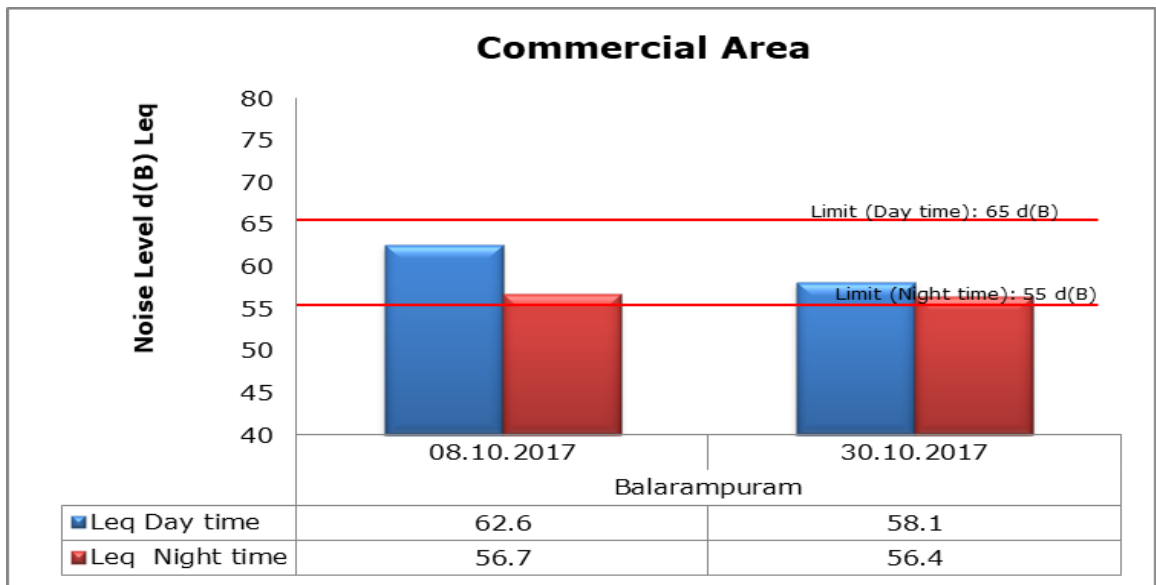
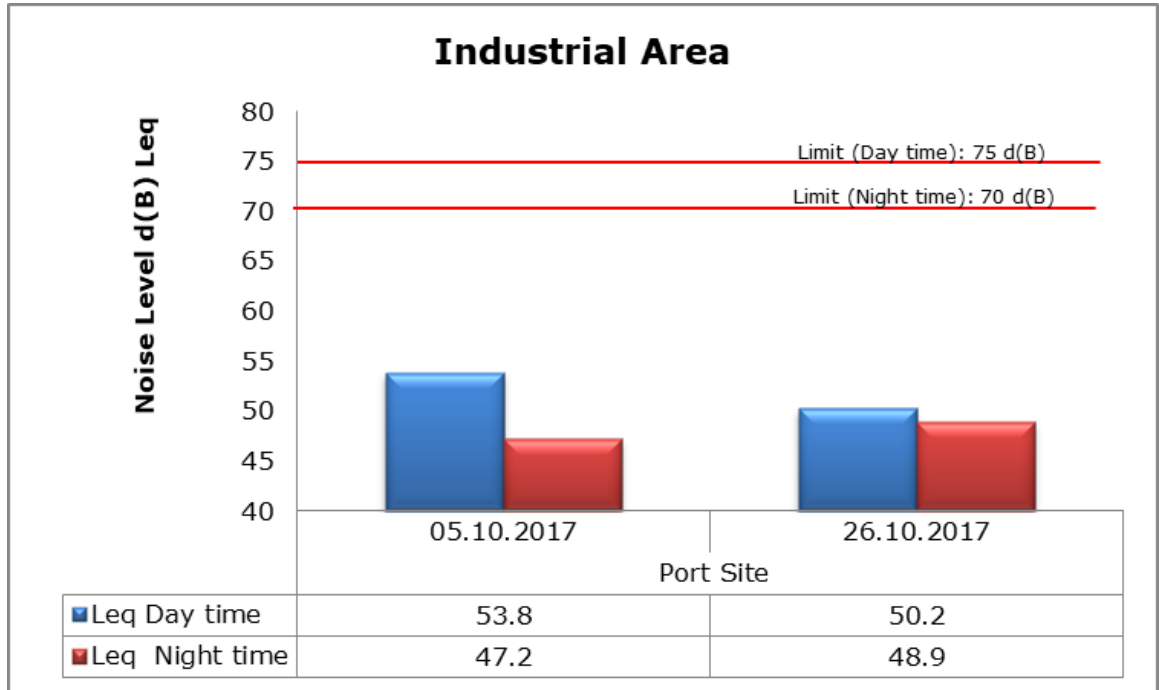
Sl. No.	Environmental Attribute	Location
1.	Ambient Air Quality Monitoring	Port Site (AQM1)
		Proposed Port Estate Area (AQM2)
		Chani (AQM3)
		Venganoor (AQM4)
		Balarampuram (AQM5)
2.	Ambient Noise	Port Site
		Proposed Port Estate Area
		Chani
		Venganoor
		Balarampuram
3.	Marine Water	Near Kovalam Beach (MW1)
		Proposed Dredge Material Disposal Site (MW2)
		South of Break Water (MW3)
		Port Basin (MW4)
		Inner Approach Channel (MW5)
		Kovalam Beach (MW6)
4.	Groundwater	Port Site (GW1)
		PAF Area (GW2)
		Proposed Port Estate Area (GW3)
5.	Surface Water	Poovar West Canal (SW1)
		Vizhinjam Branch Canal (SW2)
		Vellayani Lake (SW3)

## 1. Ambient Air Quality

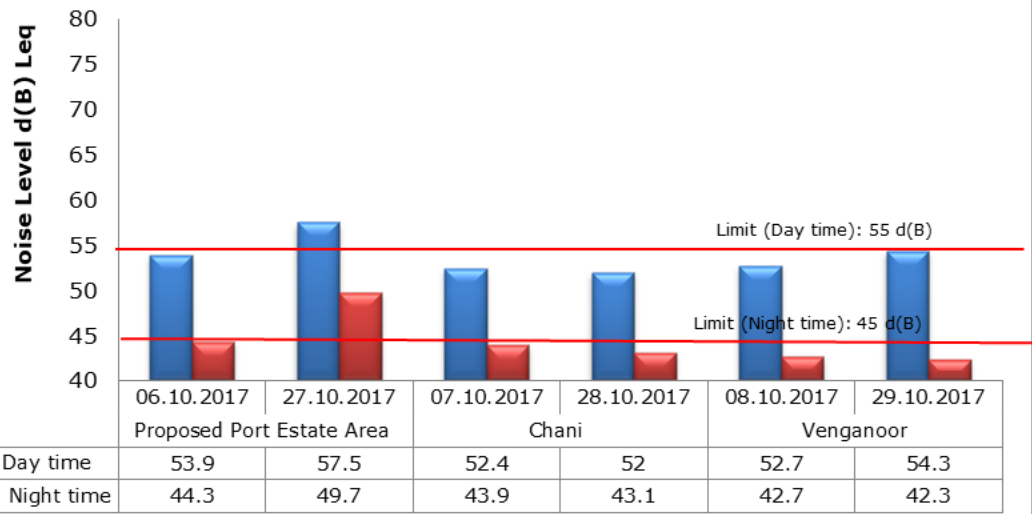




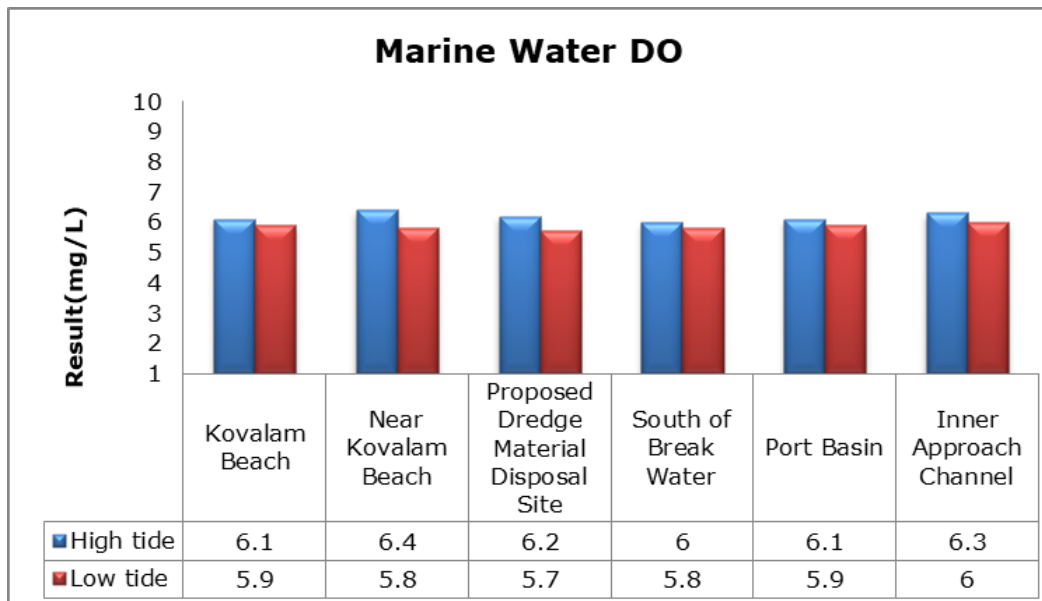
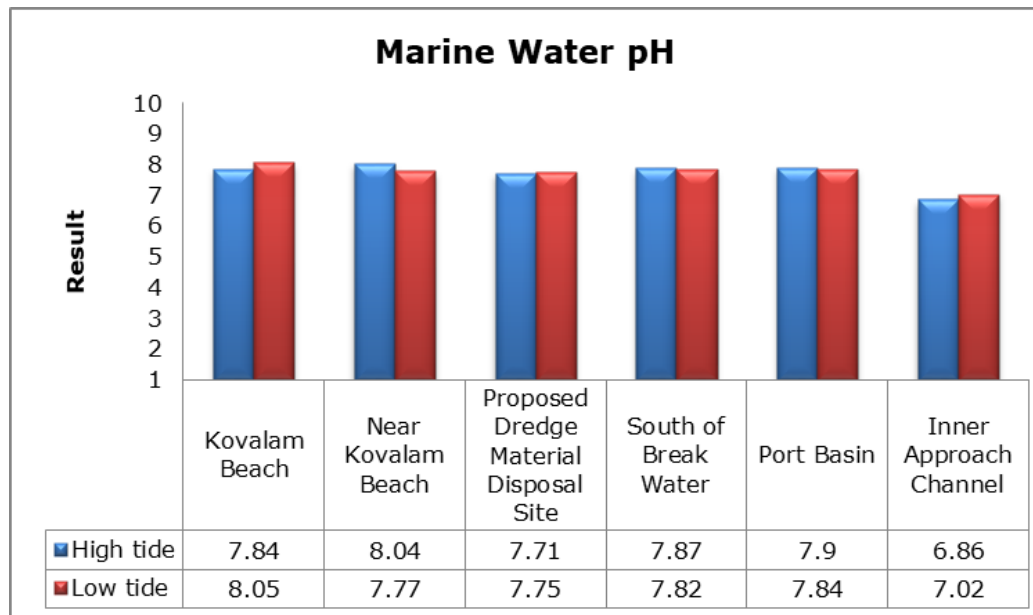
## 2. Ambient Noise

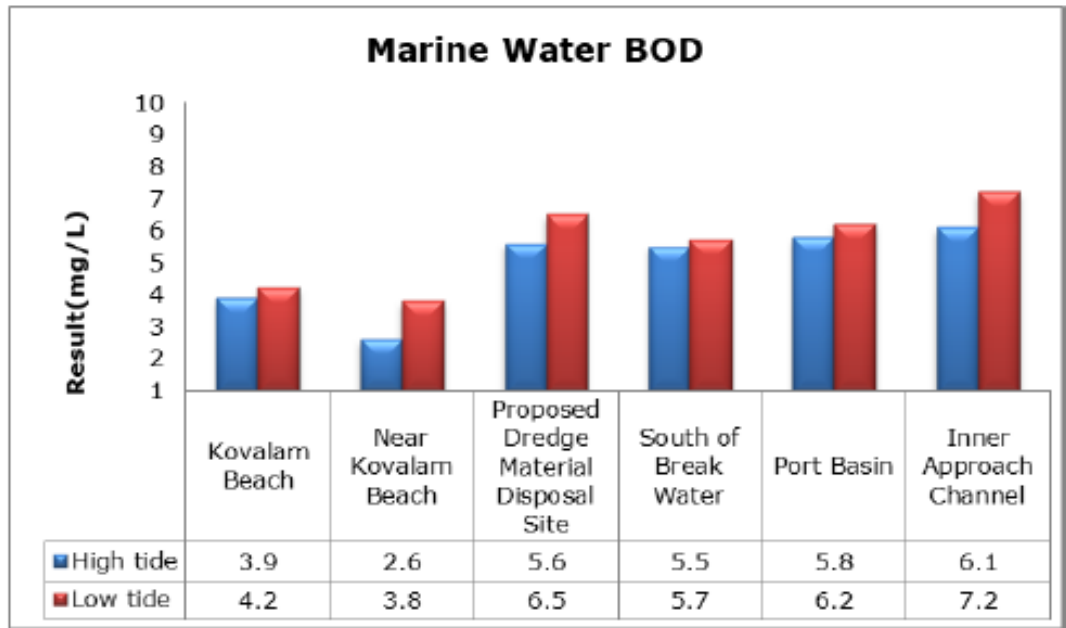


### Residential Area



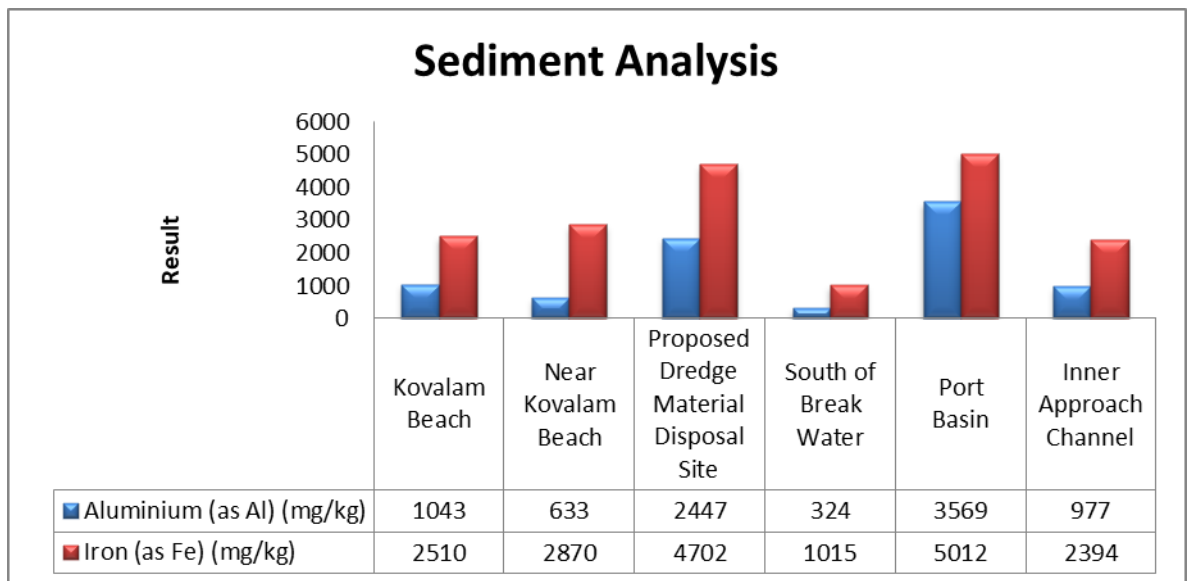
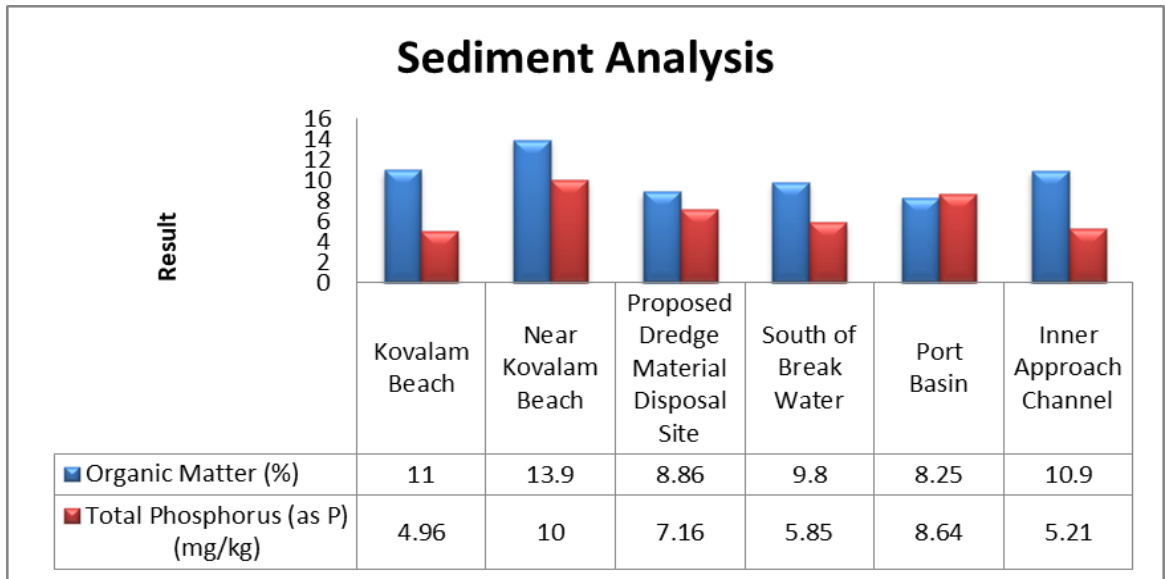
### 3a. Marine Water Analysis

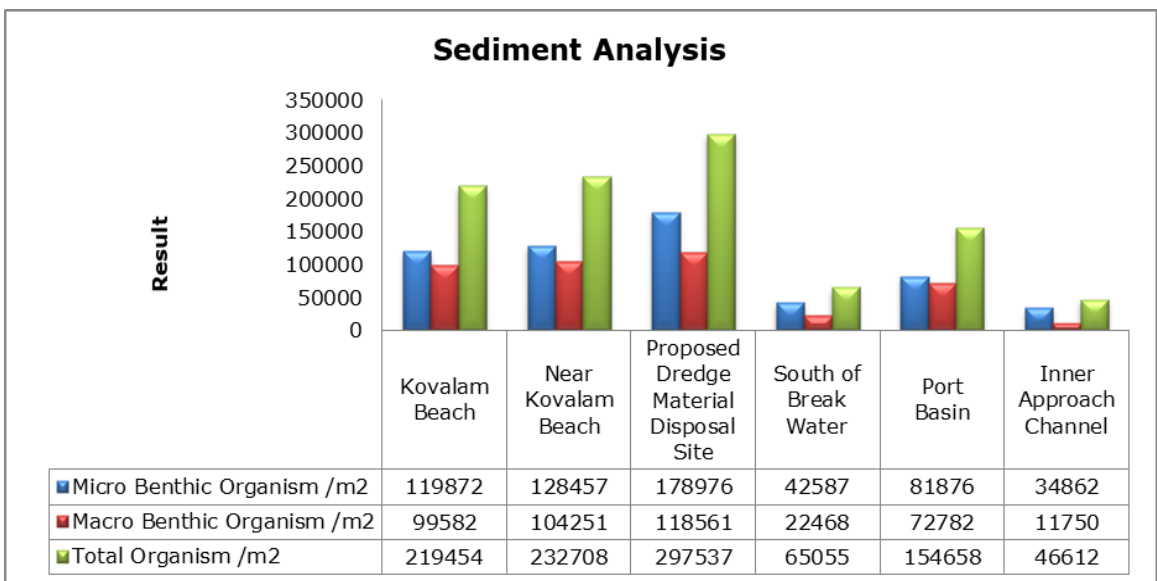
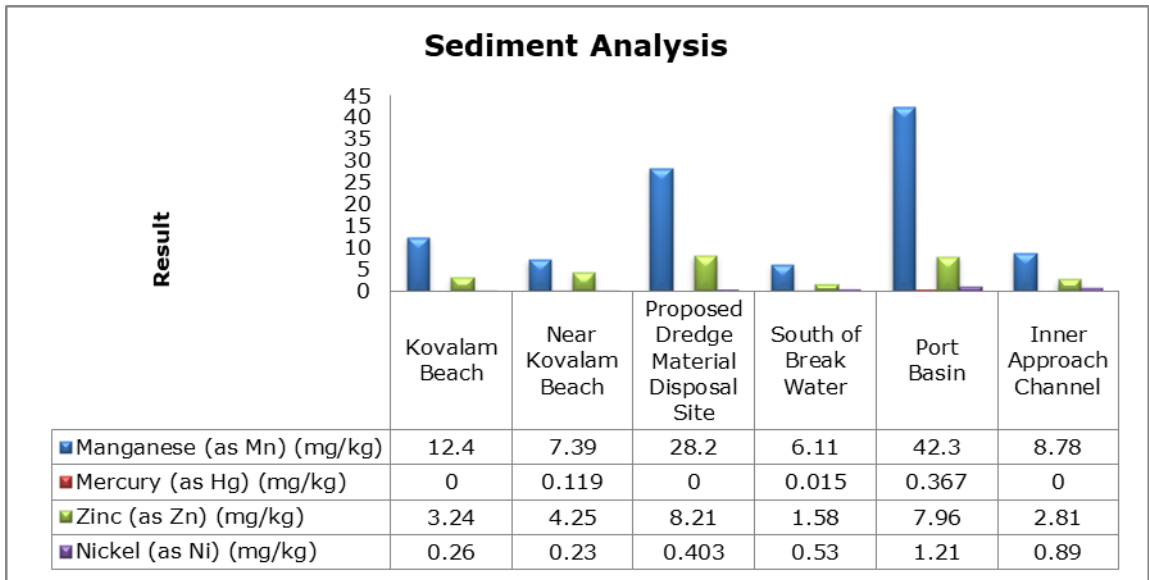
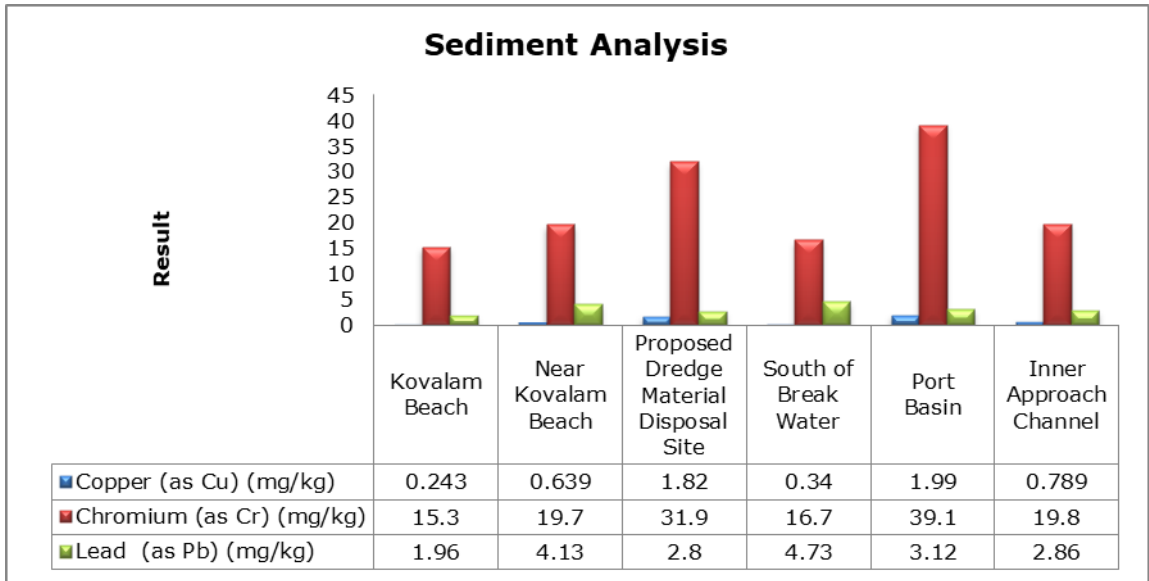




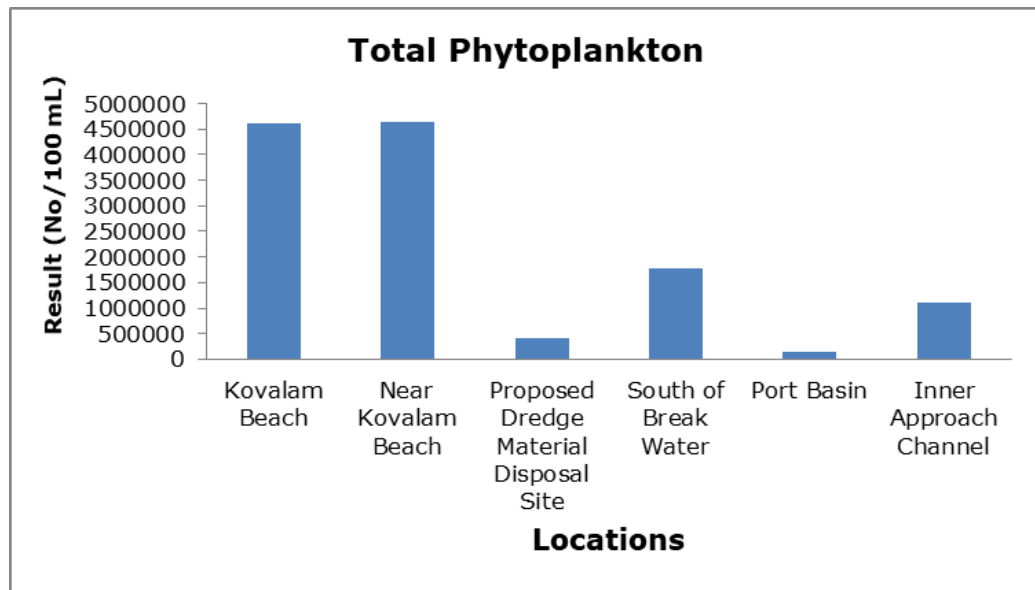


### 3b. Sediment Analysis

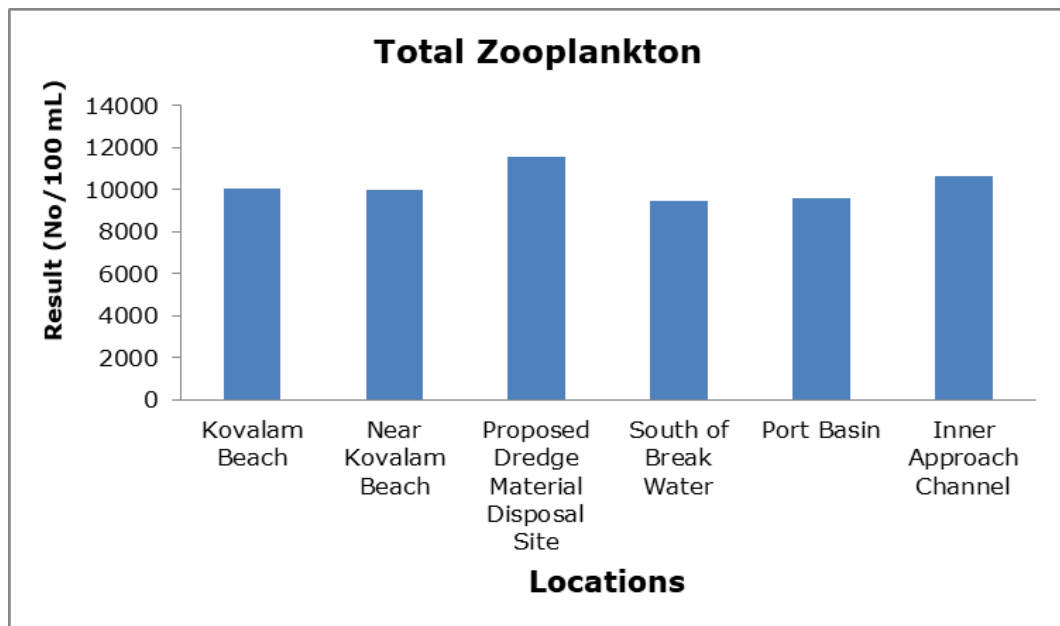




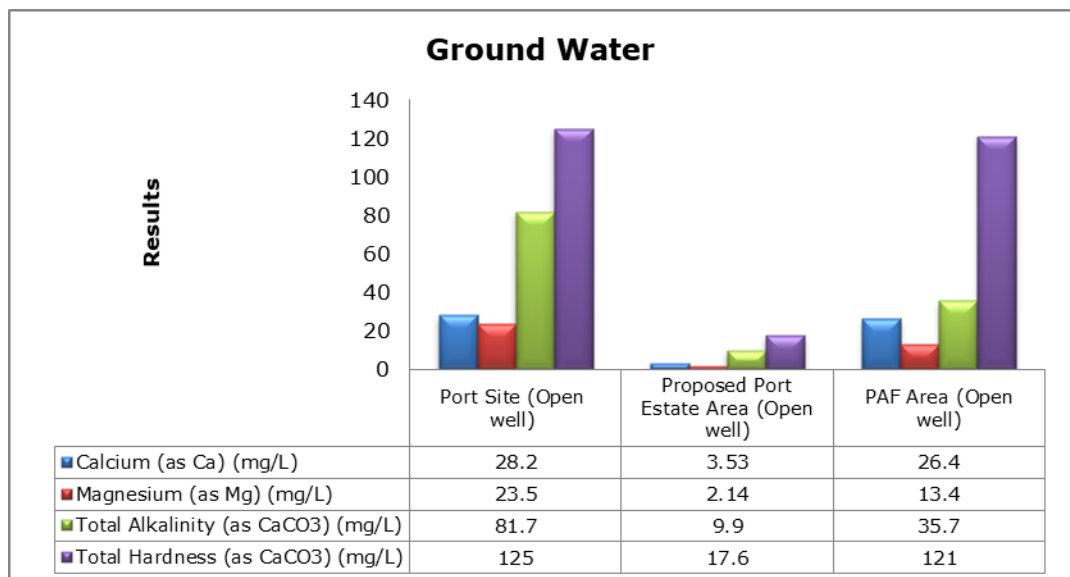
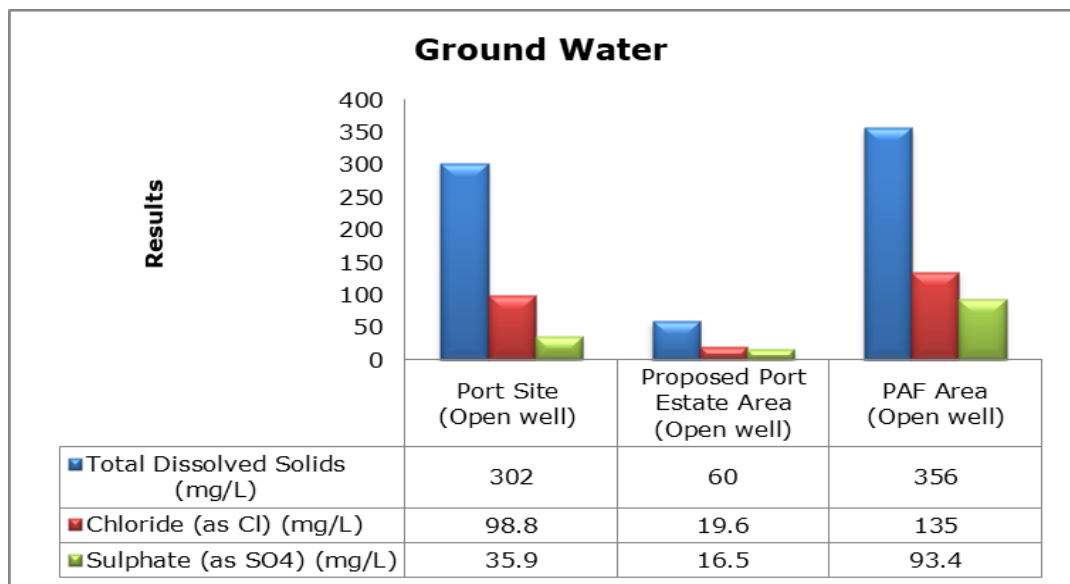
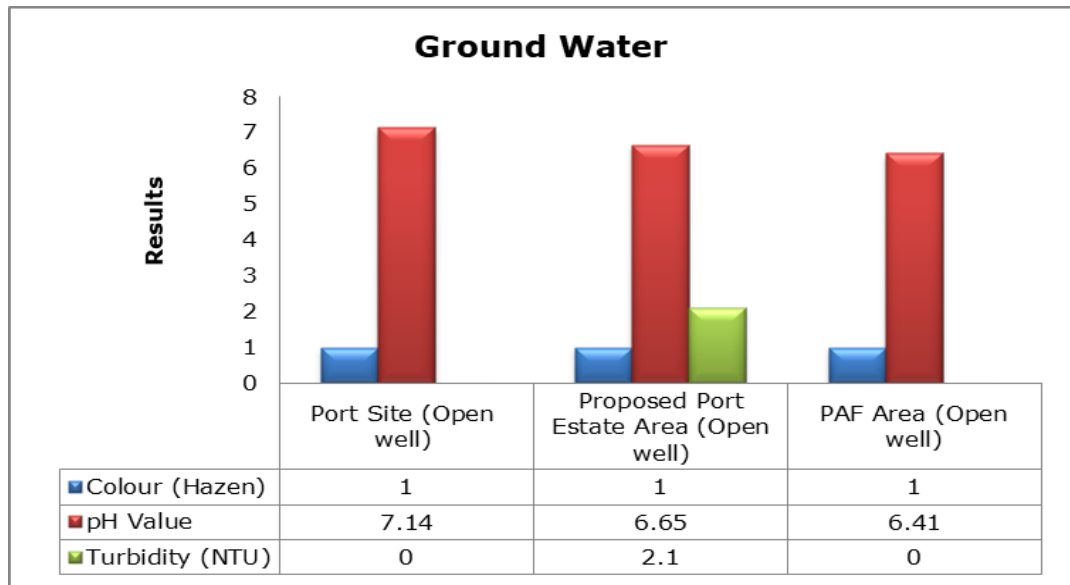
### 3c. Phytoplankton Analysis from Marine Samples

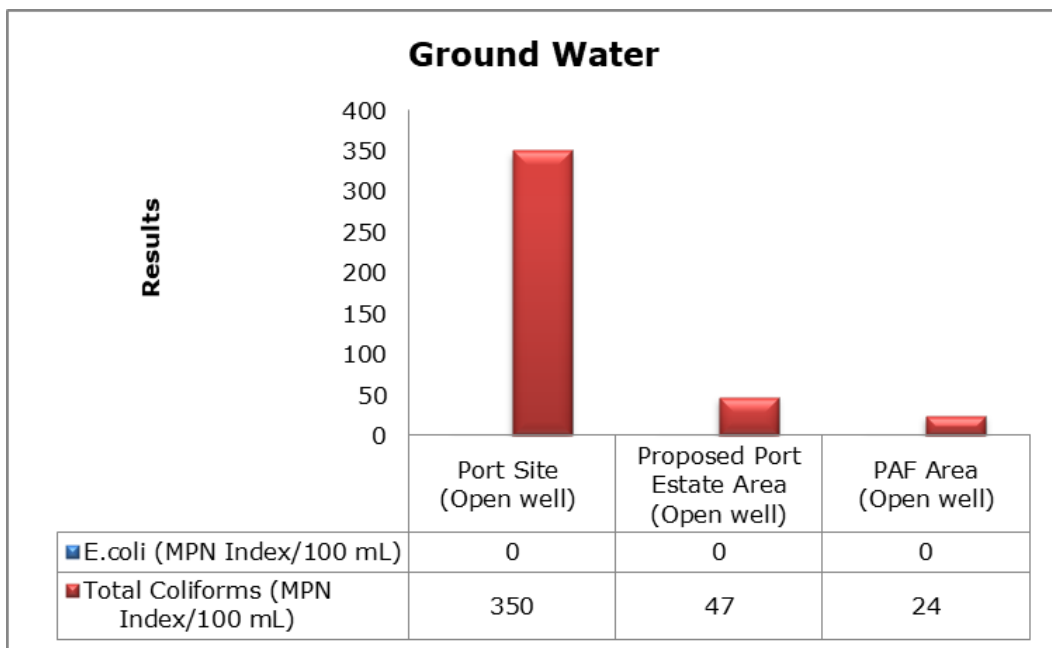
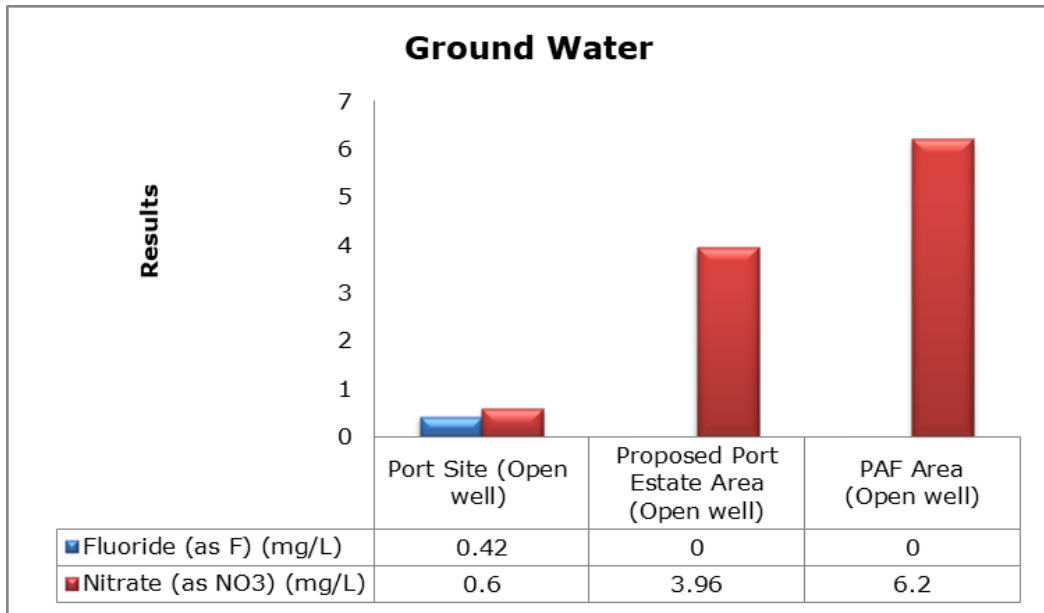


### 3d. Zooplankton Analysis from Marine Samples



## 4. Ground Water Analysis





## 5. Surface Water Analysis

