

# **Appendix B.      Sampling      Environmental Monitoring      Data      Recording Sheet**

**Data Sheet for 1-hr TSP Monitoring by High Volume Sampler (HVS)**

Monitoring Location		
Details of Location		
Sampler Identification		
Date & Time of Sampling		
Elapsed-time	Start (hour)	
Meter Reading	Stop (hour)	
Total Sampling Time (min.)		
Weather Conditions		Fine / Sunny / Cloudy / Rainy
Site Conditions		
Initial Flow Rate, Qsi	Pi (hpa)	
	Ti (°C)	
	Hi (cfm)	
	Qsi (Std. m <sup>3</sup> )	
Final Flow Rate, Qsf	Pf (hpa)	
	Tf (°C)	
	Hf (cfm)	
	Qsf (Std. m <sup>3</sup> )	
Average Flow Rate (Std.m <sup>3</sup> )		
Total Volume (Std.m <sup>3</sup> )		
Filter Identification No.		
Initial Wt. of Filter (g)		
Final wt. of Filter (g)		
Measured TSP Level (µg/m <sup>3</sup> )		
Observations / Remarks		

Name & Designation                      Signature                      Date

Field Operator: \_\_\_\_\_

Checked by: \_\_\_\_\_

**Data Sheet for 1-hr TSP Monitoring by Dust Meter**

Monitoring Location				
Details of Location				
Sampler Identification				
Date of Sampling				
Time of Sampling		1	2	3
Elapsed-time	Start Time			
Meter Reading	End Time			
Total Sampling Time (min.)				
Measured TSP Level ( $\mu\text{g}/\text{m}^3$ )				
Weather Conditions		Fine / Sunny / Cloudy / Rainy		
Site Conditions				
Observations / Remarks				

Name & Designation

Signature

Date

Record by: \_\_\_\_\_

Checked by: \_\_\_\_\_

**Noise Monitoring Field Record Sheet**

Monitoring Location							
Details of Location							
Date of Monitoring							
Measurement Start Time (hh:mm)							
Measurement Time Length (min.)							
Weather Conditions	Fine / Sunny / Cloudy / Rainy						
Wind Speed (m/s)							
Noise Meter Model/Identification							
Calibrator Model/Identification							
Calibration Before Measurement (dB(A))							
Calibration After Measurement (dB(A))							
Measurement Result	5min	5min	5min	5min	5min	5min	30min
L <sub>90</sub> (dB(A))							
L <sub>10</sub> (dB(A))							
L <sub>eq</sub> (dB(A))							
Major Construction Noise Source(s) During Monitoring							
Other Noise Source(s) During Monitoring							
Remarks							

Name & Designation

Signature

Date

Record by:

\_\_\_\_\_

Checked by:

\_\_\_\_\_

**Regular Water Quality Monitoring Data Record Sheet**

Location			
Date			
Start Time (hh:mm)			
Weather			
Sea Conditions			
Tidal Mode			
Water Depth (m)			
Monitoring Results		1 <sup>st</sup> reading	2 <sup>nd</sup> reading or Duplicate
Salinity	(mg/l)		
Temperature	°C		
pH			
DO Saturation	(%)		
DO	(mg/l)		
Turbidity	(NTU)		
SS Sample ID			
SS	(mg/l)		
Observed construction activities	<100m from location		
	>100m from location		
Other Observations			

Name & Designation

Signature

Date

Recorded by :

\_\_\_\_\_

Checked by:

\_\_\_\_\_

Note: The SS results are to be filled up once they are available from the laboratory

**DCM Water Quality Monitoring Data Record Sheet**

Location			
Date			
Start Time (hh:mm)			
Weather			
Sea Conditions			
Tidal Mode			
Water Depth (m)			
Monitoring Results		1 <sup>st</sup> reading	2 <sup>nd</sup> reading or Duplicate
Salinity	(mg/l)		
Temperature	°C		
pH			
DO Saturation	(%)		
DO	(mg/l)		
Sample ID			
Ammonia as N	(mg/l)		
Unionised ammonia	(mg/l)		
Nitrite as N	(mg/l)		
Nitrate as N	(mg/l)		
TKN as N	(mg/l)		
Total Phosphorus	(mg/l)		
Reactive Phosphorus	(mg/l)		
Cadmium (Cd)	(µg/l)		
Chromium (Cr)	(µg/l)		
Copper (Cu)	(µg/l)		
Nickel (Ni)	(µg/l)		
Lead (Pb)	(µg/l)		
Zinc (Zn)	(µg/l)		
Arsenic (As)	(µg/l)		
Observed construction activities	<100m from location		
	>100m from location		
Other Observations			

Name & Designation

Signature

Date

Recorded by : \_\_\_\_\_

Checked by: \_\_\_\_\_

Note: The nutrients and heavy metals results are to be filled up once they are available from the laboratory.