

**Annex A**

**Proforma for EM&A Programme**

IMPLEMENTATION STATUS PROFORMA

Ref: \_\_\_\_\_

Ref**	Environmental Protection Measures*	Implementation Status

\* All recommendations and requirements resulted during the Course of EIA/EA Process, including ACE and /or accepted public comment to the proposed project

\*\* EIA Ref/EM&A Log Ref/Design Document Ref

Signed by Environmental Team Leader: \_\_\_\_\_ Date: \_\_\_\_\_

Audited by Independent Checker (Environment): \_\_\_\_\_ Date: \_\_\_\_\_

DATA RECOVERY SCHEDULE

Ref: \_\_\_\_\_

Date	Air Quality Monitoring					Noise Monitoring					Monitoring Location*				
	Monitoring Station*					Monitoring Location*					Monitoring Location*				
	A1	A2	A3	A4	A5	N1	N2	N3	N4	N5	W1	W2	W3	W4	W5
1															
2															
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27															
28															
29															
30															
31															
% of R															

\* Remark type of parameters

% of R The percentage of Data Recovery is the actual monitoring over the scheduled monitoring

Signed by Environmental Team Leader: \_\_\_\_\_

Date: \_\_\_\_\_

Copy to Independent Checker (Environment)

SITE INSPECTION PROFORMA

Ref: \_\_\_\_\_

Date	Location	Req't Ref.*	Observation/Deficiency	Mitigation Action** (Responsible Agency)	Date*** of Confirmation

\* EIA Ref/EM&A Log Ref/Design Document Ref/Environmental Protection Contract Clause

\*\* Specific Environmental Mitigation Measures should be stated, such as, equipment, processes, systems, practices or technologies.

\*\*\* The required completion date to confirm the specified Environmental Protection Action

This Proforma is an Environmental Protection Instruction for: \_\_\_\_\_ on \_\_\_\_\_

Signed by Environmental Team Leader: \_\_\_\_\_ Date: \_\_\_\_\_

Copy to Independent Checker (Environment)

PROACTIVE ENVIRONMENTAL PROTECTION PROFORMA

Ref: \_\_\_\_\_

Ref*	Proposed Construction Method**	Location/ Working Period	Anticipated Impacts	Recommended Mitigation Measures

\* EIA Ref/EM&A Log Ref/Design Document Ref  
 \*\* Details of equipment, vehicles, plants, processes, technologies for the option of construction method

Reviewed by Environmental Team Leader: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by Independent Checker (Environment): \_\_\_\_\_ Date: \_\_\_\_\_

REGULATORY COMPLIANCE PROFORMA

Ref:

Ref**	Environmental License/Permit*	Control Area/Facility/Location	Effective Date

\* Name of Applicant, Business Corporation, relevant regulation and remark of license/permit conditions

\*\* File reference of the licensee/permittee

Recorded by Environmental Team Leader: \_\_\_\_\_

Date: \_\_\_\_\_

Signed by Independent Checker (Environment): \_\_\_\_\_

Date: \_\_\_\_\_

**COMPLAINT LOG**

Ref:

Log Ref	Date/Location	Complainant/ Date of Contact	Details of Complaint	Investigation/Mitigation Action	File Closed

Filed by Environmental Team Leader: \_\_\_\_\_

Date: \_\_\_\_\_

**Sample Template for Interim Notifications of Environmental Quality Limits Exceedances**

INCIDENT REPORT ON ACTION LEVEL OR LIMIT LEVEL NON-COMPLIANCE

Project	
Date	
Time	
Monitoring Location	
Parameter	
Action & Limit Levels	
Measured Level	
Possible reason for Action or Limit Level Non-compliance	
Actions taken / to be taken	
Remarks	

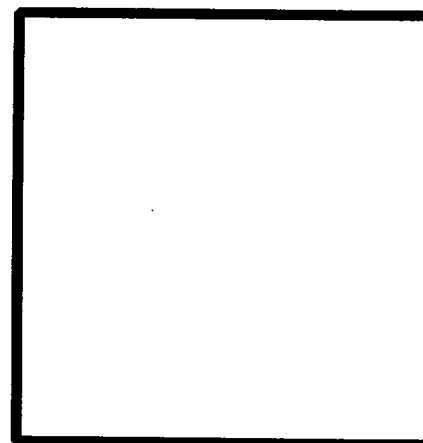
Location Plan

Prepared by : \_\_\_\_\_

Designation : \_\_\_\_\_

Signature : \_\_\_\_\_

Date : \_\_\_\_\_





DATA SHEET FOR TSP MONITORING

Monitoring Location		
Details of Location		
Sampler Identification		
Date & Time of Sampling		
Elapsed-time Meter Reading	Start (min.)	
	Stop (min.)	
Total Sampling Time (min.)		
Weather Conditions		
Site Conditions		
Initial Flow Rate, Qsi	Pi (mmHg)	
	Ti (°C)	
	Hi (in.)	
	Qsi (Std. m <sup>3</sup> )	
Final Flow Rate, Qsf	Pf (mmHg)	
	Tf (°C)	
	Hf (in.)	
	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> )		

	Name & Designation	Signature	Date
Field Operator	_____	_____	_____
Laboratory Staff	_____	_____	_____
Checked by	_____	_____	_____

NOISE MONITORING FIELD RECORD SHEET

Monitoring Location		
Description of Location		
Date of Monitoring		
Measurement Start Time (hh:mm)		
Measurement Time Length (min.)		
Noise Meter Model/Identification		
Calibrator Model/Identification		
Measurement Results	L <sub>90</sub> (dB(A))	
	L <sub>10</sub> (dB(A))	
	Leq (dB(A))	
Major Construction Noise Source(s) During Monitoring		
Other Noise Source(s) During Monitoring		
Remarks		

Name & Designation

Signature

Date

Recorded By :

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Checked By :

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

OPERATIONAL NOISE MONITORING FIELD RECORD SHEET

Monitoring Location		
Description of Location (inc floor level)		
Date of Monitoring		
Measurement Start Time (hh:mm)		
Measurement Duration (min.)		
Weather Conditions		
Noise Meter Model/Identification		
Calibrator Model/Identification		
Measurement Results	L <sub>90</sub> (dB(A))	
	L <sub>10</sub> (dB(A))	
	Leq (dB(A))	
Hourly Traffic Flow during Monitoring		
% HGVs of Hourly Traffic		
Estimate of Average Vehicle Speed (Kph)		
Mitigation Measures in Place Measurement Location		
Other Noise Source(s) During Monitoring		
Remarks		

Name & Designation

Signature

Date

Recorded By : \_\_\_\_\_

Checked By : \_\_\_\_\_

WATER QUALITY MONITORING DATA RECORD SHEET

Location				
Date				
Start Time (hh:mm)				
Weather				
Sea Conditions				
Tidal Mode				
Water Depth (m)				
Monitoring Depth		Surface	Middle	Bottom
Salinity				
Temperature (°C)				
DO Saturation (%)				
DO (mg/l)				
Turbidity (NTU)				
SS Sample Identification				
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.