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**ADB Loan Number 4334-BAN (COL): Skills for Industry Competitiveness and
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LIST OF ACRONYMS AND ABBREVIATIONS

Acronym	Full Form
ADB	Asian Development Bank
AEPD	Assistant Executive Program Director
BMET	Bureau of Manpower, Employment and Training
BoQ	Bill of Quantities
BUTEX	Bangladesh University of Textiles
CAAB	Civil Aviation Authority of Bangladesh
CEMP	Construction Environmental Management Plan
CTEC	Chittagong Textile Engineering College
DEPD	Deputy Executive Program Director
DLI	Disbursement-Linked Indicator
DoE	Department of Environment
DSC	Design and Supervision Consultant
EARF	Environmental Assessment and Review Framework
ECC	Environmental Clearance Certificate
ECoP	Environmental Code of Practice
EDC	Executive Development Centre
EHS	Environment, Health and Safety
EHSO	Environment, Health and Safety Officer
EMoP	Environmental Monitoring Plan
EMP	Environmental Management Plan
EMR	Environmental Monitoring Report
EPD	Executive Program Director
EWU	East West University
GoB	Government of Bangladesh
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
IBA	Institute of Business Administration
IEE	Initial Environmental Examination
KWT	Kumudini Welfare Trust
MoF	Ministry of Finance
MoTJ	Ministry of Textiles and Jute
MoU	Memorandum of Understanding
NATI	Narsingdi Automotive Training Institute
NHRDF	National Human Resource Development Fund
NOC	No Objection Certificate
NPD	National Program Director
NPI	Narsingdi Polytechnic Institute
NSDA	National Skills Development Authority
NSDP	National Skills Development Policy
OHS	Occupational Health and Safety

PIU	Project Implementation Unit
PM	Program Management
PPE	Personal Protective Equipment
PSC	Project Steering Committee
R&D	Research and Development
RBL	Results-Based Lending
SCC	Site Clearance Certificate
SDCMU	Skills Development Coordination and Monitoring Unit
SDIC	Skills Development Implementation Committee
SEIP	Skills for Employment Investment Program
SEMP	Site Environmental Management Plan
SICIP	Skills for Industry Competitiveness and Innovation Program
SPS	Safeguard Policy Statement
STTL	Smart Textile Technology Living Lab
TMS	Trainee Management System
TTC	Technical Training Centre
TVET	Technical and Vocational Education and Training

Technical Abbreviation
Full Form

BOD ₅	Biochemical Oxygen Demand (5-day)
CO	Carbon Monoxide
COD	Chemical Oxygen Demand
DO	Dissolved Oxygen
EC	Electrical Conductivity
NO ₂	Nitrogen Dioxide
PM _{2.5}	Particulate Matter with aerodynamic diameter ≤ 2.5 µm
PM ₁₀	Particulate Matter with aerodynamic diameter ≤ 10 µm
SO ₂	Sulfur Dioxide
SS	Suspended Solids
TDS	Total Dissolved Solids

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EXECUTIVE SUMMARY

This Semi-Annual Environmental Monitoring Report (EMR) presents the environmental safeguard implementation and monitoring status of civil works under the Skills for Industry Competitiveness and Innovation Program (SICIP) for the reporting period January–June 2026. The Program is implemented by the Finance Division, Ministry of Finance, Government of Bangladesh, with financial assistance from the Asian Development Bank (ADB) under the Results-Based Lending (RBL) modality. The EMR has been prepared in accordance with the ADB Safeguard Policy Statement (SPS), 2009, the Environmental Assessment and Review Framework (EARF), applicable Initial Environmental Examinations (IEEs), Environmental Management Plans (EMPs), Construction Environmental Management Plans (CEMPs), and relevant environmental requirements of the Government of Bangladesh.

During the reporting period, civil works were ongoing at STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory (KWT-Dorm), Kumudini Nursing Institute Academic Building (KWT-A), Sylhet TTC, Khulna TTC, and the EDC Building at East West University (EWU). The IBA EDC Building was at the site-mobilization stage, while STTL Gazipur and the BUTEX EDC Building remained at the design stage. Environmental safeguard implementation was undertaken in parallel with construction through site inspections, implementation of EMP/CEMP requirements, environmental quality monitoring, occupational health and safety (OHS) supervision, training and toolbox meetings, stakeholder consultations, and operation of the Grievance Redress Mechanism (GRM).

The environmental performance of the active construction sites was generally satisfactory during January–June 2026. Monitoring covered ambient air quality, surface water and groundwater quality, noise levels, dust suppression, drainage and runoff management, construction waste management, material storage, sanitation, worker health and safety, community health and safety, and implementation of the GRM. Routine site inspections indicated that the prescribed environmental mitigation and management measures were generally being implemented. No major environmental incident or significant environmental non-compliance attributable to the ongoing construction activities was identified during the reporting period.

Environmental Quality Monitoring

Environmental quality monitoring was strengthened during the reporting period in response to ADB recommendations. For STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory, and Kumudini Nursing Institute Academic Building, the monitoring frequency was increased from semi-annual to quarterly, and two monitoring rounds were undertaken during the reporting period. Sylhet TTC continued with semi-annual monitoring because the existing civil works contract does not contain provisions for increasing the environmental monitoring frequency. Environmental quality monitoring was not undertaken at EWU during the current reporting period because construction activities commenced only on 10 June 2026; monitoring will therefore be undertaken during the subsequent reporting period in accordance with the applicable EMP/CEMP requirements.

Ambient Air Quality

Ambient air quality monitoring covered PM_{2.5}, PM₁₀, SO₂, NO₂, and CO at STTL Chattogram, NATI Narsingdi, KWT Student Dormitory, KWT Academic Building, and Sylhet TTC. The monitoring results were assessed against the applicable Bangladesh ambient air quality standards and relevant IFC Environmental, Health and Safety (EHS) Guideline values.

The results indicate generally satisfactory ambient air quality conditions at all monitored subprojects. All reported concentrations remained within the applicable Bangladesh standards, and parameters for which IFC EHS reference values were available were also within the relevant limits. At STTL Chattogram, concentrations generally decreased between the first and second monitoring rounds, while the NATI and KWT sites remained within the applicable limits despite minor variations between monitoring rounds. The Sylhet TTC semi-annual monitoring results were also within the applicable reference limits. Overall, the results indicate that ongoing construction activities did not cause significant deterioration of ambient air quality at the monitored locations during the reporting period.

Surface Water Quality

Surface water quality monitoring covered pH, BOD₅, COD, dissolved oxygen (DO), total suspended solids (TSS), total coliform, total phosphorus, total nitrogen, and turbidity. The results generally indicate satisfactory surface water quality conditions. The measured pH, BOD₅, and COD values at the five monitored subprojects remained within the applicable Bangladesh standards and relevant IFC EHS reference limits.

Some variations were observed in DO, TSS, and turbidity, particularly at the KWT Academic Building and Sylhet TTC. At the KWT Academic Building, the June 2026 monitoring recorded a DO concentration of 4.10 mg/L, TSS of 318 mg/L, and turbidity of 192 NTU. At Sylhet TTC, DO was 4.65 mg/L, while TSS and turbidity were 78 mg/L and 81.2 NTU, respectively. Although the overall results do not indicate major deterioration of surface water quality, these variations warrant continued monitoring, particularly during the monsoon period when runoff and suspended sediment loads may increase. Contractors should therefore continue implementing effective drainage, runoff control, erosion and sediment management, proper material storage, and construction waste management measures.

Groundwater Quality

Groundwater monitoring included pH, total dissolved solids (TDS), electrical conductivity (EC), DO, BOD₅, COD, chloride, TSS, arsenic, iron, total nitrogen, total phosphorus, total coliform, turbidity, and temperature. The results were compared with the applicable drinking-water standards under the Environment Conservation Rules (ECR), 2023 and relevant World Health Organization (WHO) guideline values, where applicable.

Overall, groundwater quality at the five monitored subprojects was considered generally acceptable, although variations were observed in some parameters. pH and TDS remained within the applicable Bangladesh standards at all monitored sites. Arsenic concentrations also remained within the Bangladesh standard, and total coliform was not detected in the monitored groundwater samples, indicating satisfactory microbiological quality.

A few localized variations require continued attention. At STTL Chattogram, turbidity increased to 6.1 NTU in June 2026, slightly exceeding the stated WHO reference value of ≤5 NTU. At Sylhet TTC, turbidity was 9.3 NTU, while iron reached 3.12 mg/L, exceeding the Bangladesh standard range of 0.3–1.0 mg/L. Variations were also observed in BOD, COD, DO, and TSS at some locations. These findings do not indicate widespread groundwater deterioration associated with the construction activities; however, continued periodic monitoring of iron, turbidity, and other parameters showing variations is recommended to identify trends and determine whether any corrective measures are required.

Noise Level Monitoring

Noise monitoring was conducted at selected locations within and around the five monitored construction sites and assessed against the applicable Bangladesh Noise Pollution Control Rules, 2006 and relevant World Bank/IFC guideline values.

Noise conditions were generally satisfactory. At STTL Chattogram and NATI Narsingdi, daytime and nighttime equivalent noise levels (Leq) remained within the applicable limits during the monitoring rounds. At Sylhet TTC, the recorded daytime and nighttime Leq values were 43.77 dBA and 36.73 dBA, respectively, which were within the applicable standards.

Minor daytime exceedances were recorded during the first monitoring round at the two KWT sites. At the KWT Student Dormitory, daytime Leq values of 51.36 and 52.64 dBA were slightly above the Bangladesh silent-area limit of 50 dBA during May 2026 but decreased to 44.91 and 46.28 dBA during the June monitoring round. Similarly, at the KWT Academic Building, first-round daytime Leq values of 51.60 and 52.03 dBA decreased to 46.81 and 47.73 dBA during the second round. The reduction during the subsequent monitoring round indicates improvement in site noise conditions. Contractors should continue equipment maintenance, restriction of high-noise activities to daytime hours, and regular noise monitoring, particularly near educational and other sensitive receptors.

Environmental Safeguard Documentation and Regulatory Compliance

Site-specific CEMPs were prepared for STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory, and Sylhet TTC, and were reviewed and approved by SICIP and shared with ADB. The CEMP for the EWU EDC Building was prepared by the Contractor and remained under review. The separate package-specific CEMP for the KWT Academic Building is under preparation by contractor. For the relatively small-scale civil works at Khulna TTC, an Environmental Code of Practice (ECoP) was prepared, approved, and shared with ADB. Outstanding IEEs continued to be updated and finalized in response to ADB comments.

Compliance with applicable Government of Bangladesh environmental approval requirements was also followed up. NOCs had been obtained for the applicable SICIP construction subprojects. For the Kumudini Nursing Institute Academic Building, which falls under the Orange Category under the ECR 2023, an application for a Site Clearance Certificate (SCC) was submitted to the Department of Environment (DoE) on 26 January 2026. Additional documents requested by the DoE were subsequently submitted; however, issuance of the SCC remained pending at the time of preparation of this EMR. SICIP will continue follow-up with the DoE until completion of the required clearance process.

Occupational Health and Safety

Overall OHS performance during January–June 2026 was satisfactory. Contractors maintained site security and access control, provided appropriate Personal Protective Equipment (PPE), maintained first-aid and emergency response facilities, and conducted regular toolbox meetings, safety inductions, and OHS training. No fatal accidents or lost-time injuries (LTIs) were reported at any of the active construction sites during the reporting period. A total of 16 first-aid cases and two near-miss incidents were recorded. Package-wise, STTL Chattogram recorded four first-aid cases and one near miss; KWT Student Dormitory recorded four first-aid cases and no near misses; NATI Narsingdi recorded three first-aid cases and no near misses; Sylhet TTC recorded two first-aid cases and no near misses; KWT Academic Building recorded three first-aid cases and one near miss; and Khulna TTC and EWU recorded no first-aid cases or near-miss incidents. All reported cases were managed at site

level and documented through the relevant safety procedures. Continued OHS supervision will be maintained to ensure consistent PPE use, timely reporting and documentation of incidents and near misses, regular inspection of safety equipment, and continuation of safety training and toolbox meetings.

Training and Capacity Building

Environmental safeguard capacity building was strengthened during the reporting period. Two central-level training programs were conducted: “Implementation of Environmental Management Plan” on 15 January 2026 and “Capacity Building Training on Environmental Monitoring and Reporting” on 23 June 2026. In addition, 32 site-level environmental and OHS training and awareness sessions were conducted across six active subproject sites. Topics included EMP implementation, task-specific hazards, working at height and excavation safety, waste management, dust and noise control, emergency response, fire safety, first aid, PPE use, high-risk construction activities, and workers’ GRM. These activities strengthened the capacity of Contractors, Site Engineers, supervisors, EHS personnel, and workers to implement environmental and safety requirements.

Grievance Redress and Stakeholder Consultation

The two-tier GRM comprising Program-level and Site-level committees remained operational during the reporting period. Complaint boxes were maintained at active construction sites, while the contact details of Site-level Grievance Officers and grievance submission procedures were displayed through information boards and signboards. GRM awareness was incorporated into worker training and stakeholder engagement activities. No environmental, social, or construction-related grievances were officially recorded through the established GRM during January–June 2026.

Stakeholder consultation and community engagement activities were conducted at the active project locations. The principal issues raised related to temporary construction impacts, including dust and noise, worker and public safety, traffic movement, access management, drainage, waste management, and construction scheduling. These concerns were addressed through implementation of the applicable EMP/CEMP measures and regular site supervision. No major objections or significant environmental and social concerns were reported during the consultations.

Overall Environmental Safeguard Performance

Overall, environmental safeguard implementation during the January–June 2026 reporting period was generally satisfactory; however, several environmental and safeguard issues require continued attention and follow-up. Environmental quality monitoring indicated that most measured parameters were within the applicable national and relevant international standards; however, some site-specific variations/exceedances were observed. These included elevated TSS and turbidity and comparatively low DO in surface water at the KWT Academic Building, elevated turbidity and iron in groundwater at Sylhet TTC, elevated groundwater turbidity at STTL Chattogram, and minor daytime noise exceedances at the KWT Academic Building and KWT Student Dormitory during the first monitoring round. These observations require continued monitoring and implementation of appropriate dust, noise, runoff, erosion, and sediment-control measures.

Progress was also made in implementing environmental safeguard requirements and the recommendations of previous ADB missions; nevertheless, some safeguard actions remained partially complied with or outstanding at the end of the reporting period. The outstanding actions include finalization and/or completion of the remaining IEEs, completion of the review and approval process for the EWU CEMP, and preparation, review, and formal approval of the separate package-specific CEMP for the KWT Academic Building, followed by sharing with ADB and follow-up on the pending Site Clearance Certificate (SCC) for the KWT Academic Building. In addition, package-specific CEMP/CAP actions requiring continued implementation include completion of permanent drainage arrangements, tree plantation/landscaping, climate-resilience and carbon-footprint reduction measures, and continued stakeholder consultation and GRM-related activities, as applicable. These outstanding actions will be monitored until their implementation is verified and formally closed.

Accordingly, while no major environmental incident, fatal accident, lost-time injury, or significant environmental non-compliance was recorded during January–June 2026, the overall safeguard performance should be considered satisfactory with specific areas requiring continued corrective action, regulatory follow-up, monitoring, and documentation. SDCMU/SICIP, with support from the Environmental Specialist, will continue to monitor implementation of the EMP/CEMP requirements, environmental quality monitoring commitments, pending regulatory approvals, and unresolved Corrective Action Plan (CAP) items during the subsequent reporting period to ensure their timely completion and closure.

1 INTRODUCTION

1.1 Background

1. The Asian Development Bank (ADB) is providing financial assistance through a Results-Based Lending (RBL) modality to support the Government of Bangladesh in implementing the Skills Development Framework for Economic Competitiveness 2023 through the Skills for Industry Competitiveness and Innovation Program (SICIP). The Program is being implemented by the Finance Division, Ministry of Finance, Government of Bangladesh, with the overall objective of strengthening the country's skilled workforce through advanced technical and competency-based training and improving the responsiveness of skills development to emerging and priority industry needs. SICIP aims to increase the supply of technology-oriented skilled workers, expand inclusive skilling and upskilling opportunities—particularly for women and socially disadvantaged groups—strengthen industry–training institute and industry–university partnerships to promote innovation and industrial competitiveness, and develop skills required for climate-resilient manufacturing and the adoption of green technologies. The Program also seeks to strengthen quality assurance mechanisms and institutional linkages between training institutions and industries to support the development of qualified human resources for priority sectors and contribute to sustainable and inclusive economic growth in Bangladesh.

2. Specifically, the objectives are:

- i) The objectives of scheme 1 is to (i) develop the capacity for advanced technical skills training for emerging and priority industries and (ii) strengthen managerial capabilities, research and development (R&D) driven innovation, and green skills capacity in the industries. These objectives are expected to increase technology-oriented skilled workforce and boost the country's industry competitiveness and innovation capacity.
- ii) The objectives of scheme 2 is to (i) deliver industry-relevant basic and mid-level skills training for priority and emerging industries and (ii) promote inclusive skilling and upskilling opportunities for women and socially disadvantaged groups through targeted training programs. These objectives are expected to enhance the job-ready skills and productivity of the country's workforce, contributing to economic diversification and competitiveness of industries.
- iii) SICIP Scheme-3's activity coverage includes enhancing institutional capacity for skills monitoring and management by coordinating all training and other activities under the SICIP program. Objectives are:
 - Establishment of an Industry Advisory Board in order to prepare s guideline for development of advanced technical skills courses
 - Arrange for wide scale skills-gap analysis to facilitate program effectiveness
 - Build and establish a IT based Trainee Management System to monitor training performance and put quality assurance in place
 - Arrange for necessary analytic studies (e.g. tracer studies, skills trend analysis)
 - Effective management and governance of overall skills development eco-systems.
 - Strengthening skills institutions like NSDA, NHRDF
 - Arrange for financial audits, internal audits and performance audits.
 - Arrange for independent verification of attainment of performance indicators

1.2 Impact and Outcome

3. The expected impact of the Program is increased income and productivity of the working population aged 15 years and above, in alignment with the objectives of the National Skills Development Policy (NSDP). The Program is expected to contribute to increased employment opportunities for both males and females in priority and emerging sectors through strengthened and industry-responsive skills development.

4. The intended outcome of SICIP is an increased supply of technology-oriented skilled workforce across different skill levels for priority and emerging industries. The Program will support the development of relevant technical and occupational competencies to enhance employability, workforce productivity, and responsiveness to the evolving skills requirements of industries.

1.3 Outputs

5. The Skills for Industry Competitiveness and Innovation Program (SICIP) is designed to achieve the following four key outputs: (i) advanced technical skills and managerial capabilities strengthened for emerging and priority industries; (ii) industry–university collaboration strengthened for research and development (R&D) projects involving the application of advanced and green technologies; (iii) socially inclusive skilling and upskilling opportunities expanded for women and people from disadvantaged groups; and (iv) skills monitoring, coordination, and institutional mechanisms enhanced to support effective implementation and responsiveness to evolving industry needs.

1.4 Scope of the Civil Works under the Program

6. The Skills for Industry Competitiveness and Innovation Program (SICIP) involves a range of civil works, including the construction of new training and academic facilities, expansion of existing infrastructure, and renovation and improvement of training facilities at different locations across Bangladesh. A team of national and international consultants has been engaged to support the preparation of preliminary and detailed engineering designs, including building layouts, equipment arrangements, technical specifications, Bills of Quantities (BoQs), and other technical inputs required for preparation of the bidding documents. The proposed buildings include two smart textile technology labs (STTLs) under the Ministry of Textiles and Jute (MoTJ), classroom and lab buildings at EWU, BUTEX, IBA campus, a student dormitory building in Kumudini Welfare Trust (KWT), an academic building in Kumudini Nursing Institute, and other renovation works for polytechnics, 2TTCs under BMET or TVET institutes. The locations of the proposed sites are shown in the figure 1.

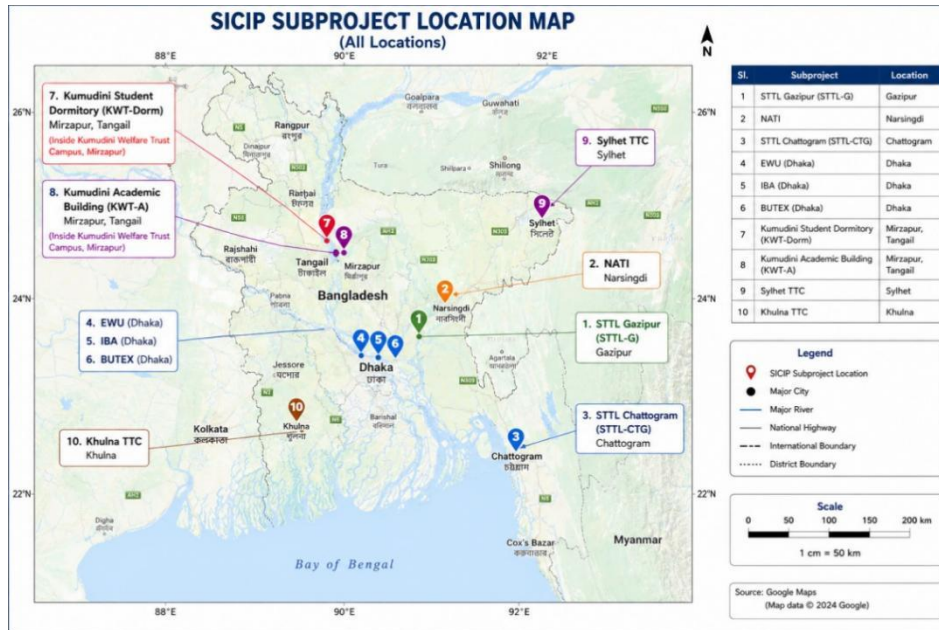


Figure 1: SICIP Subprojects Location Map

1.5 Environmental Safeguards Category

7. All civil works subprojects under the Skills for Industry Competitiveness and Innovation Program (SICIP) have been screened in accordance with the Asian Development Bank (ADB) Safeguard Policy Statement (SPS), 2009 and the Environmental Assessment and Review Framework (EARF) prepared for the Program. The applicable subprojects are classified as **Category B** for environment and, accordingly, require preparation of Initial Environmental Examination (IEE) reports, including corresponding Environmental Management Plans (EMPs), to identify potential environmental impacts and establish appropriate mitigation and monitoring measures.

8. In addition to ADB safeguard requirements, the civil works are subject to the applicable environmental clearance requirements of the Government of Bangladesh. Depending on the nature, scale, built-up area, and implementation status of the respective civil works, the subprojects are required to obtain relevant environmental approvals, including Site Clearance Certificates (SCCs), Environmental Clearance Certificates (ECCs), and/or No Objection Certificates (NOCs) from the Department of Environment (DoE) and other relevant authorities, as applicable.

9. SICIP obtained NOCs for nine construction subprojects, with the exception of the Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail. For this subproject, the DoE instructed SICIP to submit a separate application for an SCC. Accordingly, the SCC application was submitted to the DoE on 26 January 2026. Following its review, the DoE issued a letter dated 3 February 2026 requesting additional supporting documents for processing the SCC application. In response, KWT subsequently submitted the requested documents to the DoE. SICIP continues to follow up with the DoE regarding completion of the review process; however, issuance of the SCC remained pending at the time of preparation of this EMR. Relevant correspondence between SICIP/KWT, and the

DoE is provided in Annex 15.

10. In accordance with Schedule 1 of the Environment Conservation Rules (ECR), 2023, the DoE informed that construction projects with a built-up area between 5,000 m² and 20,000 m² fall under the Orange Category. Accordingly, the Kumudini Nursing Institute (Academic Building) is required to obtain the applicable environmental clearance following completion of the SCC process. The status of the environmental clearance process will continue to be monitored and reported in the subsequent EMR.

11. Environmental categorization and SCC/ECC Status of SICIP Subprojects is shown in Table 1-1.

Table 1-1: Environmental Categorization and SCC/ECC Status of SICIP Subprojects

Sl.	Subproject	ADB Environmental Category	National Classification	SCC/ECC Status	NOC Status	Remarks
1	STTL Chattogram	Category B	No specific category	Not Applicable	Obtained	Construction ongoing
2	NATI Narsingdi	Category B	No specific category	Not Applicable	Obtained	Construction ongoing
3	Kumudini Student Dormitory (KWT-Dorm)	Category B	No specific category	Not Applicable	Obtained	Construction ongoing
4	Kumudini Academic Building (KWT-A)	Category B	Orange	Applied for SCC	ongoing	Applied on 26 January 2026.
5	Sylhet TTC	Category B	No specific category	Not Applicable	Obtained	Construction ongoing
6	STTL Gazipur	Category B	No specific category	Not Applicable	Obtained	Design stage
7	EWU	Category B	No specific category	Not Applicable	Obtained	Construction ongoing
8	IBA	Category B	No specific category	Not Applicable	Obtained	Site mobilization
9	BUTEX	Category B	No specific category	Not Applicable	Obtained	Tendering stage
10	Khulna TTC	Category C	No specific category	Not Applicable	Obtained	Construction ongoing

1.6 Description of civil works

12. The list of civil works under SICIP project is shown in Table 1-2.

Table 1-2: Civil Works under SICIP

Sl.	Package Name	Location	Building Type	Storey	Build up Area
1	Construction and Renovation of Narsingdi Automotive Training Institute	Narsingdi	Renovation of existing academic building	3 storey	870 m ²
			New technical training building	3 storey	372 m ²
2	Construction of STTL in Textile College, Chattogram	Chattogram	Academic building	5 storey	820 m ²
			Technical training testing laboratory	4 storey	1295 m ²
			Trainees' dormitory	5 storey	350 m ²
3	Construction of STTL in new Textile College, Gazipur	Gazipur	Academic building	5 storey	820 m ²
			Technical training testing laboratory	4 storey	1,295 m ²
4	Construction of EDC Building at East West University (EWU)	Dhaka	Academic building	8 storey	210 m ²
5	Construction of EDC Building at IBA	Dhaka	Academic building	10 storey	872 m ²
6	Construction of EDC Building at BUTEX	Dhaka	Academic building	6 storey	1,015 m ²
7	Construction and Renovation of Sylhet TTC	Sylhet	New technical training building	3 storey	900 m ²
			Renovation of existing training building	3 storey	1,674 m ²
8	Construction of Approach Road, Cafeteria and other Ancillary Works at Khulna TTC	Khulna	Tin shed cafeteria	1 storey	180 m ²
			Internal periphery road	500 m	1,600 m ²
9	Construction of Student Dormitory at Kumudini Welfare Trust	Tangail	Trainees' hostel building	6 storey	2,900 m ²
10	Construction of Nursing Institute Academic Building at Kumudini Welfare Trust	Tangail	Nursing academic building	2 storey	6,000 m ²

1.7 Scope of the Semi-Annual Environmental Monitoring Report

13. The scope of this monitoring report is specific for the civil works under SICIP of KWT, NATI, STTLs, EDCs Buildings and TTCs under BMET. This Semi-Annual Environmental Monitoring Report (EMR) covers the period from January to June 2026 and presents the environmental safeguard implementation status of the civil works under the Skills for Industry Competitiveness and Innovation Program (SICIP). The report summarizes the implementation progress of the subprojects; compliance with applicable environmental laws and regulations of the Government of Bangladesh (GoB) and the Asian Development Bank (ADB) Safeguard Policy Statement (SPS), 2009; compliance with relevant environmental provisions and loan covenants; implementation of the Environmental Management Plans (EMPs) and Construction Environmental Management Plans (CEMPs); environmental monitoring results; occupational health and safety (OHS) performance; and the status of the Grievance Redress Mechanism (GRM), including grievances received and actions taken for their resolution.

14. The report also evaluates the effectiveness of environmental mitigation and monitoring

measures implemented at the active construction sites during the reporting period. Environmental performance has been assessed through site inspections, review of monitoring results and project records, consultation with relevant project personnel, and verification of compliance with the mitigation and monitoring requirements specified in the approved IEEs, EMPs, and CEMPs. Any partially complied or outstanding environmental issues are identified together with recommended corrective actions, responsible parties, and implementation timelines for follow-up during the subsequent reporting period.

15. The EMR is organized into the main sections covering Introduction and Project Information, Environmental Monitoring, Environmental Management and EMP Compliance, Occupational Health and Safety (OHS) Implementation Status, and Conclusions and Corrective Action Plans, together with relevant supporting annexes.

1.8 Package- and Subproject-Wise Progress Status

16. The Skills for Industry Competitiveness and Innovation Program (SICIP) is being implemented through a combination of infrastructure development, institutional strengthening, and skills development interventions under the four program outputs. The Program includes the development and upgrading of advanced technical training facilities, strengthening of managerial and green technology capabilities, promotion of industry–academia collaboration, expansion of inclusive skills development opportunities, and enhancement of institutional capacity for skills monitoring and management. Several program activities are also linked to Disbursement-Linked Indicators (DLIs) related to infrastructure development, technical training, institutional partnerships, and skills management systems.

17. During the current reporting period (January–June 2026), implementation of the civil works progressed across several SICIP subprojects at different stages of development. Construction activities were ongoing at the Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC); Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI); Modern Well-Equipped Nursing & Caregiving Student Dormitory under Kumudini Welfare Trust of Bengal (BD) Ltd.; Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail; Sylhet Technical Training Centre (TTC); Executive Development Centre (EDC) at East West University (EWU); and the Construction of Approach Road, Cafeteria and Other Ancillary Works at Khulna Technical Training Centre (TTC). Construction-stage activities included site preparation, structural and associated civil works, environmental safeguard implementation and monitoring, occupational health and safety (OHS) supervision, and implementation of site-specific environmental mitigation measures.

18. Other SICIP subprojects remained at different stages of project development during the reporting period. The Smart Textile Technology Living Lab (STTL), Gazipur and Executive Development Centre (EDC) for Bangladesh University of Textiles (BUTEX) remained at the design stage, while the IBA Annex Building at the Institute of Business Administration (IBA), University of Dhaka (DU) was at the site mobilization stage. Environmental safeguard requirements for these subprojects continued to be considered as part of the design, procurement, and pre-construction processes to ensure that the applicable IEE/EMP requirements are incorporated into subsequent implementation activities.

19. In parallel with the physical works, environmental safeguard implementation continued at the active construction sites through regular site inspections, implementation of the

Environmental Management Plans (EMPs) and Construction Environmental Management Plans (CEMPs), environmental quality monitoring, OHS inspections and training, toolbox meetings, grievance redress arrangements, and follow-up of environmental compliance requirements. The implementation status of the package-wise civil works under SICIP during the January–June 2026 reporting period is summarized in Table 1-3.

Table 1-3: Implementation Status of SICIP Civil Works Packages (January–June 2026)

SI	Package	Contract Amount (BDT)	Project Period	Progress		Work Status
				Physical	Financial	
1	Construction of STTL in Textile College in Chattogram	82,32,25,000.00	January 2025 - December 2026	25%	18.09% (17.64 crore)	Dormitory Building: Full structural frame completed; Laboratory Building: Basement roof slab completed; Academic Building: Third-floor roof slab works ongoing; Road and Drainage: Construction works ongoing.
2	Construction & Renovation of Narsingdi Automotive Training Institute (NATI)	21,90,14,821.449	July 2025- June 2027	35%	24.14% (5.29 crore)	New Building: Main steel structural frame fabrication completed; South Block: Internal brickwork ongoing; North Block: Internal brickwork ongoing; Horizontal Expansion: Slab works completed.
3	Construction of Student Dormitory at Kumudini	71,38,74,000.000	January 2025 - December	40.50%	33.14% (24.35 crore)	Main Building: Fifth-floor

	Welfare Trust		2026			roof casting ongoing; Substation Building: Structural casting completed.
4	Construction and Renovation of Sylhet TTC	17,91,65,884.960	August 2025 - Jul 2027	41.23%	28.75 % (5.90 crore)	Internal finishing work is ongoing
5	Construction of Nursing Institute Academic Building at Kumudini Welfare Trust	44,40,00,000	January 2026 - December 2027	8.12%	2.37% (3.20 crore)	Piling Works: 223 of 560 piles completed.
6	Construction of cafeteria, approach road and other ancillary works in Khulna TTC	1,52,98,986.146	November 2025 - July 2026	40%	20.12% (0.17 crore)	Road macadam works ongoing; cafeteria finishing works ongoing.
7	Construction of EDC Building at East West University (EWU)	18,90,20,756.595	April 2026 - September 2028	5%	-	Piling Works: 36 of 122 piles cast completed
8	Construction of EDC Building at IBA	51,99,99,051.70	July 2026 - December 2028	-	-	Site Mobilization: Mobilization activities ongoing.
9	Construction of EDC Building at BUTEX	-	-	-	-	Design and Safeguards: Tendering stage
10	Construction of STTL in new Textile College, Gazipur	-	-	-	-	Detailed design stage ongoing.

20. Overall implementation progress of the ongoing civil works packages remained satisfactory during the reporting period. Environmental safeguard requirements were regularly monitored through site inspections, environmental quality monitoring, stakeholder consultations, OHS supervision, review of site-level environmental practices, and coordination with Contractors and relevant project personnel. The monitoring activities indicated that the prescribed environmental mitigation and management measures were generally being implemented at the active construction sites. No major environmental non-compliance was identified during the January–June 2026 reporting period; however, identified partially complied

and outstanding actions will continue to be monitored and addressed during the subsequent reporting period.

1.9 Document preparation for IEE/EARF

21. IEEs have been prepared for several SICIP subprojects in accordance with the Environmental Assessment and Review Framework (EARF) and the ADB Safeguard Policy Statement (SPS), 2009. The IEEs for STTL Chattogram, NATI Narsingdi, the EDC at East West University (EWU), the IBA Annex Building at the Institute of Business Administration (IBA), University of Dhaka, the Kumudini Nursing Institute (Academic Building) at KWT, and the EDC at Bangladesh University of Textiles (BUTEX) have been prepared and are currently undergoing review and finalization prior to formal approval and disclosure, as applicable. The IEEs for the KWT Student Dormitory, Sylhet TTC, and Khulna TTC had previously been prepared and disclosed under the respective earlier SEIP programs. Their disclosure status has therefore been reflected in Table 1-4. IEE for the remaining subproject (STTL Gazipur) is under preparation in accordance with the status of its detailed design, procurement, and implementation of the civil works.

22. Site-specific Construction Environmental Management Plans (CEMPs/SEMPs) have been prepared and implemented for the active construction packages of STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory (KWT-Dorm), and Sylhet TTC. These plans have been reviewed and approved by SICIP and subsequently shared with ADB. For the EDC at East West University (EWU), the Contractor has prepared the site-specific CEMP, which is currently under review by SDCMU. As construction activities have commenced, the review and formal approval process is being expedited. Upon approval, the Contractor will implement the approved CEMP throughout the construction period, and the approval date will be reported in the subsequent SEMR. For the Khulna TTC subproject, considering the relatively small scale and nature of the civil works, an Environmental Code of Practice (ECoP) was prepared, approved, and subsequently shared with ADB. For the Kumudini Nursing Institute (Academic Building), the CEMP of the KWT Student Dormitory was previously referred to considering that both packages are located within the same campus, involve broadly similar construction activities, and are being implemented by the same Contractor. However, considering the package-specific requirements of the respective IEEs/EMPs, including differences in mitigation measures, environmental monitoring requirements, and applicable regulatory requirements, a separate CEMP for the KWT Academic Building is being prepared by the Contractor. The separate CEMP will incorporate all package-specific environmental mitigation, monitoring, OHS, waste management, emergency response, and regulatory requirements of the approved/revised IEE/EMP. Upon completion, the CEMP will be submitted to SDCMU for review and formal approval and subsequently shared with ADB. Until such approval, the KWT Dormitory CEMP will not be considered the approved CEMP for the KWT Academic Building package. Safeguard Documentation & Disclosure Status as of June 2026 is shown in Table 1-4.

Table 1-4: Safeguard Documentation & Disclosure Status as of June 2026

Sl.	Subproject	IEE Status	IEE Disclosure Status/Date	SEMP Status	SEMP Approval Status	Remarks
1	Kumudini Student Dormitory (KWT-Dorm)	Prepared & Approved	Disclosed under earlier SEIP program	Prepared	Approved	Shared with ADB
2	Sylhet TTC	Prepared & Approved	Disclosed under earlier SEIP program	Prepared	Approved	Shared with ADB
3	STTL Chattogram	Prepared and under review	Not yet	Prepared	Approved	Shared with ADB
4	NATI Narsingdi	Prepared and under review	Not yet	Prepared	Approved	Shared with ADB
5	Kumudini Academic Building (KWT-A)	Prepared and under review	Not yet	Separate CEMP under preparation by the Contractor	Pending	The CEMP will be submitted to SDCMU for review and formal approval and subsequently shared with ADB.
6	BUTEX	Prepared and under review	Not yet	Not Required Yet	Not Required Yet	Tendering stage
7	EWU	Prepared and under review	Not yet	Prepared and under review	Pending	The CEMP has been prepared by the Contractor and is currently under review by SDCMU. The review and approval process is being expedited. Upon approval, the CEMP will be implemented by the Contractor and the approval date will be reported in the subsequent SEMR.

8	IBA	Prepared and under review	Not yet	Not Required Yet	Not Required Yet	Site mobilization ongoing
9	STTL Gazipur	Under Preparation	Not yet	Not Required Yet	Not Required Yet	Design stage
10	Khulna TTC	Prepared & Approved under earlier SEIP program	Disclosed under earlier SEIP program	ECoP prepared	Approved	Shared with ADB

1.10 Status on relevant GOB permits

23. SICIP obtained NOCs for nine construction subprojects, with the exception of the Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail. The Kumudini Nursing Institute (Academic Building) falls under the Orange Category under the applicable environmental regulatory requirements. KWT submitted the application for the Site Clearance Certificate (SCC) to the Department of Environment (DoE) on 26 January 2026. Subsequently, DoE requested additional documents/information, which were provided by KWT. The SCC/ECC process remains under review by DoE, and the required clearance has not yet been issued. SICIP/KWT is maintaining follow-up with the concerned DoE office to expedite the approval process. Relevant DoE correspondence is provided in the Annex, and the SCC/ECC will be included in the subsequent SEMR upon issuance. The status of GoB permit is presented below.

Table 1-5: Status of GOB permits

SI	Subproject	Permit/ Clearance Type	Approval Status	Approval/ Issuance Date	Validity Period	Remarks
1	Kumudini Student Dormitory (KWT-Dorm)	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
2	Sylhet TTC	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
3	STTL Chattogram	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
4	NATI Narsingdi	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
5	Kumudini Academic Building (KWT-A)	SCC/ECC from DoE	Under process/P ending	Not yet issued	Not Applicable at present	SCC application submitted to DoE
6	BUTEX EDC Building	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
7	EWU	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
8	IBA EDC Building	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
9	STTL Gazipur	NOC from DoE	Issued	1 Dec 2025	Not Applicable	NOC issued by DoE
10	Khulna TTC	NOC from	Issued	1 Dec 2025	Not	NOC issued

		DoE			Applicable	by DoE
11	IBA EDC Building*	CAAB NOC	Not Applicable	Not Applicable	Not Applicable	Building height below applicable threshold
12	BUTEX EDC Building**	CAAB NOC	Not Applicable	Not Applicable	Not Applicable	Building height below applicable threshold

* Building height was revised to a G+9 (10-storey) building with a maximum height of approximately 100 feet.

** Current construction plan is to construct a G+5 (6-storey) building with a maximum height of approximately 60 feet.

1.11 Implementation and Safeguard Integration of SICIP Civil Works

24. Environmental safeguard requirements were integrated into the implementation of the ongoing civil works under SICIP throughout the reporting period. The relevant Environmental Management Plan (EMP) provisions, mitigation measures, monitoring requirements, and safeguard responsibilities were incorporated into the bidding documents and construction contracts to ensure compliance with applicable environmental regulations of the Government of Bangladesh, the ADB Safeguard Policy Statement (SPS), 2009, and other project-specific safeguard requirements. Adequate budgetary provisions were included in the respective civil works contracts, as applicable, to support implementation of environmental mitigation measures, monitoring, occupational health and safety measures, waste management, and other safeguard activities. In accordance with ADB requirements for transparent reporting and effective safeguard implementation, the contracted EMP budget status for all eight awarded subprojects is summarized in the following table. Specific EMP budget provisions are included in the contracts/BoQs of the applicable construction packages. For the Khulna TTC subproject, considering the small scale and nature of the works, no separate EMP budget was provided in the contract; environmental mitigation measures are implemented as part of the construction activities in accordance with the applicable Environmental Code of Practice (ECoP).

Table 1-6: EMP budget for four under construction sites

Sl.	Sub project Name	Contracted EMP Budget (BDT)
1	STTL, Chattogram	3,050,000.566
2	KWT, Dormitory, Tangail	2,540,000.074
3	NATI, Narsingdi	2,475,000.172
4	Sylhet TTC	1,002,737.397
5	KWT Nursing Institute Academic Building	4,364,000.563
6	EDC Building, EWU	2,015,000.000
7	IBA Annex Building, University of Dhaka	2,520,000.000
8	Khulna TTC – Approach Road, Cafeteria and Ancillary Works	No separate EMP budget

25. The contractors were responsible for implementing site-specific environmental mitigation measures, occupational health and safety (OHS) provisions, waste management measures, dust and noise control measures, construction site safety arrangements, and community health and safety measures during construction activities. Safeguard supervision and monitoring activities were carried out regularly by the project implementation and supervision teams

through site inspections, consultation meetings, environmental quality monitoring, and review of contractor compliance status.

26. Environmental safeguard monitoring conducted during the reporting period included monitoring of air quality, noise levels, occupational health and safety practices, implementation of mitigation measures, site housekeeping conditions, construction waste management practices, and community safety arrangements at the active construction sites.

27. Detailed qualitative and quantitative environmental monitoring results are presented in the subsequent sections of this Environmental Monitoring Report (EMR).

1.12 Preparation of monitoring checklist

28. Monitoring checklists were developed to systematically assess the implementation of environmental, health, and safety requirements at the active construction sites. The checklists cover key aspects, including EHS performance, pollution prevention and control, grievance management, workers' accommodation and sanitation, worksite traffic management, occupational accidents and incidents, waste management, and other site-specific environmental and safety issues. The monitoring indicators and parameters included in these checklists were derived from the requirements specified in the respective IEEs, EMPs, CEMPs/ECOPs, and applicable project safeguard requirements. These checklists were used during routine site inspections to document compliance status, identify deficiencies, and facilitate timely corrective actions.

Table 1-7: Site Specific Environmental Monitoring Parameters to be monitored during Construction phase

Item	Parameters	Location
Ambient Air Quality	PM _{2.5} , PM ₁₀ , SO ₂ , CO, NO ₂	Around the project site
Groundwater	pH, TDS, EC, DO, BOD ₅ , COD, Chloride, SS, As, Fe, Total-N, Total-P, Total coliform, turbidity, temperature	At the project site
Surface water quality	pH, BOD ₅ , COD, DO, SS, total coliform, Total P, Total N, turbidity	Around the project site
Noise Level	Noise at different locations and to nearest receptors	Around the project site and nearest receptors
Health	Health status of the workers, visual observation and record check	At site

1.13 Training and Capacity Building Activities

29. Environmental safeguard training and capacity-building activities were conducted at both central and site levels during the reporting period (January–June 2026) to strengthen the implementation of environmental management, monitoring, reporting, and occupational health and safety requirements under SICIP.

30. At the central level, two capacity-building training programs were conducted. The first training, titled "Implementation of Environmental Management Plan," was held on 15 January 2026 and focused on strengthening understanding of EMP implementation requirements and environmental safeguard responsibilities. The second training, titled "Capacity Building Training on Environmental Monitoring and Reporting," was conducted on 23 June 2026 to enhance the

capacity of relevant project personnel in environmental monitoring, documentation, compliance assessment, and reporting.

31. At the site level, environmental awareness and Occupational Health and Safety (OHS) training sessions were conducted at six active construction subprojects: STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory (KWT-Dorm), Kumudini Nursing Institute (Academic Building), Sylhet TTC, and EDC at East West University (EWU). The training and awareness activities primarily targeted Contractor personnel, Site Engineers, supervisors, EHS personnel, and construction workers to strengthen their understanding of environmental safeguard requirements and promote safe construction practices.

32. The site-level training program covered six principal areas: (i) toolbox talks on task-specific hazards; (ii) OHS training, including working at height and excavation safety; (iii) environmental management training covering waste management, dust suppression, and noise control; (iv) emergency response training covering fire safety and first aid; (v) toolbox talks and safety briefings focusing on high-risk construction activities; and (vi) orientation on the Grievance Redress Mechanism (GRM) for workers. Training sessions also addressed EMP implementation, proper use of Personal Protective Equipment (PPE), good housekeeping, site cleanliness, hazard identification and prevention, and other site-specific environmental and safety requirements.

33. A total of 32 site-level training and awareness sessions were conducted across the active subproject sites during the reporting period. In addition, routine toolbox meetings and safety briefings were conducted as part of regular site-level OHS management. These training and capacity-building activities contributed to strengthening environmental compliance, improving workers' OHS awareness, enhancing implementation of mitigation measures, and building the capacity of project personnel to effectively manage environmental and safety risks during construction. Photos and attendance of trainings are shown in Annex 12 and 13, respectively. Details of the site-level training activities are presented in the Table 1-8.

Table 1-8: OHS, Environmental Safeguard and Worker Training Status (January–June 2026)

Project	Toolbox Talk – Task-Specific Hazards	OHS Training – Working at Height/Excavation Safety	Environmental Management Training – Waste/Dust/Noise	Emergency Response – Fire Safety/First Aid	Toolbox Talk – High-Risk Activities	Workers' GRM Orientation
STTL Chattogram	2 May 2026	18 May 2026	31 May 2026	3 Jun 2026	11 Jun 2026	19 Jun 2026
NATI Narsingdi	3 Jan 2026	4 Feb 2026	16 Mar 2026	28 Apr 2026	21 May 2026	21 May 2026
KWT Dormitory	7 Apr 2026	20 Jan 2026	17 Feb 2026	12 Feb 2026	10 Jun 2026	21 Jun 2026
Sylhet TTC	18 Feb 2026	18 Feb 2026	9 Mar 2026	13 Jun 2026	22 Jun 2026	30 Jun 2026
KWT Academic Building	6 Jan 2026	12 Jan 2026	19 Feb 2026	25 Feb 2026	15 Apr 2026	15 Jun 2026
EWU	11 Jun 2026	18 Jun 2026	To be done	To be done	To be	To be done

					done	
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34. A package-wise summary of the environmental safeguard, OHS, and worker training activities conducted during January–June 2026 is presented in Table 1-8A. A total of 32 site-level training and awareness sessions were conducted during the reporting period. The table also presents sex-disaggregated participant information for the reporting period and cumulative participation since commencement of the respective subprojects. The figures have been compiled from the available training records and attendance sheets maintained at the respective construction sites.

Table 1-8A: Summary of Package-Wise Environmental, OHS and Worker Training

Package/ Subproject	No. of Training during Jan- Jun 2026	Participants during Jan- Jun 2026			Cumulative Participants over the Project Period		
		Male	Female	Total	Male	Female	Total
STTL Chattogram	6	51	0	51	122	0	122
NATI Narsingdi	6	79	0	79	105	0	105
KWT Student Dormitory	6	110	0	110	167	0	167
Sylhet TTC	6	94	0	94	124	0	124
KWT Academic Building	6	62	0	62	62	0	62
EWU EDC	2	16	0	16	16	0	16
Grand Total	32	412	0	412	596	0	596

1.14 Grievance Redress Mechanism (GRM)

35. The Grievance Redress Mechanism (GRM) established under SICIP provides a systematic, accessible, and transparent mechanism for receiving, recording, reviewing, and resolving grievances related to environmental and social issues arising from program and subproject activities. The institutional GRM arrangement of SICIP consists of two layers: Layer 1 – Program-Level GRM Committee and Layer 2 – Subproject/Site-Level GRM Sub-Committee. The Site-Level GRM Sub-Committee provides the first institutional point for receiving and addressing grievances at the subproject level, with emphasis on prompt resolution through consultation and conciliation. Grievances that cannot be satisfactorily resolved at the subproject level are referred/escalated to the Program-Level GRM Committee for further review and resolution.

36. The three-level grievance redress process described in the revised IEEs is procedural in nature, whereas the SICIP two-layer GRM represents the institutional arrangement through which grievances are managed and resolved. Under the SICIP system, grievances may initially be received and addressed directly at the site through the Contractor, Site Engineer, designated grievance focal person, or other responsible site personnel. Where the matter

cannot be resolved through this initial site-level handling, it is considered by the Layer 2 Subproject/Site-Level GRM Sub-Committee. Any grievance remaining unresolved at the subproject level may subsequently be escalated to the Layer 1 Program-Level GRM Committee for further review and resolution. Accordingly, the SICIP two-layer institutional GRM provides the necessary steps for initial grievance handling, formal site-level resolution, and subsequent escalation to the Program level, thereby serving the purpose and functional requirements of the three-level grievance redress process described in the IEEs.

37. Site-level grievance arrangements have been established for the active construction packages to facilitate the receipt, recording, review, and resolution of grievances at the subproject level. With the commencement of construction activities at the EDC at East West University (EWU), a Site-Level GRM Sub-Committee has also been constituted for the EWU package. Accordingly, the GRM information in the SEMR has been updated to reflect the current site-level grievance arrangements for the active construction packages. The composition and membership details of the Site-Level GRM Sub-Committees, including the EWU GRM Sub-Committee, are provided in Annex 4.

38. Complaint boxes were installed and maintained at all active construction sites, including STTL Chattogram, Kumudini Student Dormitory, Kumudini Nursing Institute (Academic Building), NATI Narsingdi, Sylhet TTC, and EDC at East West University (EWU), to provide an accessible channel for workers, local communities, and other stakeholders to submit complaints, concerns, and suggestions. Community consultation and GRM awareness activities were also conducted during the reporting period (January–June 2026) to inform workers and surrounding communities about ongoing project activities, environmental safeguard measures, occupational health and safety (OHS) requirements, and procedures for submitting and resolving grievances. Participants included local community representatives, Contractors, construction workers, Site Engineers, and relevant project personnel.

39. To ensure that the GRM remained accessible and transparent, the contact details of the Site-Level Grievance Officers, grievance submission procedures, and information on the grievance redress process were publicly displayed on GRM information boards/signboards at the entrances and other prominent locations of the active construction sites. These arrangements were intended to ensure that workers, local communities, students, staff, and other stakeholders could readily access information on how and where to submit grievances. Site-specific photographic evidence of the displayed GRM signboards/information boards, including the relevant grievance contact information, is provided in Annex 9.

40. No grievances or complaints related to environmental, social, or construction activities were officially recorded through the established GRM during the reporting period. Photographs of complaint boxes and GRM information boards, records of consultation and awareness activities, and relevant attendance sheets are provided in the Annexes for reference.

Table 1-9: Layer 1 - Program-Level GRM Committee

Sl.	Designation	Position in Committee
1	Deputy Executive Program Director (PM-2), SICIP	Convenor
2	Internal Control Specialist, SICIP	Member
3	Concerned Assistant Executive Program Director, SICIP	Member
4	Gender Specialist, SICIP	Member

5	Md. Shahin-Uz-Zaman, Program Officer (QA), SICIP (for Training), Mobile No: 01700706492	Member
6	Md. Sultan Al Maruf, Program Officer (QA), SICIP (for Construction), Mobile No: 01700706488	Member
7	Assistant Executive Program Director (PM-1), SICIP	Member Secretary

Table 1-10: Layer 2 - GRM Sub-Committee

Layer 2: Site-Level GRM Sub-Committee for Training Activities		
Sl.	Designation	Position in Committee
1.	Center In-Charge/Principal	Convenor
2.	SEC Representative (if found available)	Member
3.	A trainer nominated by PIU	Member Secretary
Layer 2: Site-Level GRM Sub-Committee for Construction Activities		
Sl	Designation	Position in Committee
1	Local Focal Person/Director/Appropriate Representative	Convenor
2	Contractor's Representative	Member
3	SEC Representative (if found available)	Member
4	Site Engineer, SICIP	Member Secretary

Table 1-11: GRM Register Form

Sub project	Complaint Number	Date	Complaint through (phone/letter/site)	Name of Complainer	Complaint Details	Action Taken by Contractor/PMU/CSC	Date- case resolved (days required)	Remarks- further action, if any
Subproject/work-package Name:								
STTL in CTEC	No complaints	-	-	-	-	-	-	-
Kumudini dormitory	No complaints	-	-	-	-	-	-	-
Kumudini Nursing Institute Academic Building	No complaints	-	-	-	-	-	-	-
NATI, Narsingdi	No complaints	-	-	-	-	-	-	-
Sylhet TTC	No complaints	-	-	-	-	-	-	-
Khulna TTC	No complaints	-	-	-	-	-	-	-
EWU	No complaints	-	-	-	-	-	-	-

1.15 Stakeholder Consultation and Community Engagement

41. Stakeholder consultation and community engagement activities were conducted at different SICIP subproject locations during the reporting period (January–June 2026) to disseminate information on project activities, communicate environmental and occupational health and safety requirements, discuss potential construction-related impacts, and obtain feedback from affected and interested stakeholders. These consultations also provided opportunities for stakeholders to raise concerns and receive information on the environmental

mitigation measures and management arrangements being implemented at the construction sites.

42. The consultation meetings involved representatives of project authorities, Contractors, Site Engineers, teachers and other institutional representatives, construction workers, local communities, and nearby residents, as applicable. Key issues discussed included construction-related environmental impacts, dust and noise control, occupational health and safety (OHS), traffic and access management, construction scheduling, site safety, and the Grievance Redress Mechanism (GRM). Particular emphasis was placed on informing participants about available grievance channels, contact details of responsible grievance officers, and procedures for submitting and resolving complaints. The consultations contributed to strengthening stakeholder awareness, facilitating communication between the project and surrounding communities, and supporting effective implementation of environmental and social safeguard measures. A summary of the stakeholder consultation and community engagement activities conducted during the reporting period is presented in the following table. The photos and attendance of stakeholder consultation meetings are shown in Annex 13 and Annex 14, respectively.

Table 1-12: Summary of Stakeholder Consultation Meetings during January–June 2026

Sl. No.	Project Site	Date	Participants	Key Issues Raised	Response / Action Taken
1	NATI, Narsingdi	10/06/2026	Institute representatives, contractor staff, workers, local stakeholders	Dust generation, worker safety, traffic movement during material transportation	Water spraying increased; PPE enforcement strengthened; traffic movement instructed during off-peak hours
2	Student Dormitory, Kumudini Welfare Trust (KWT)	09/03/2026, 17/06/2026	KWT authority, contractor representatives, local community members	Noise during construction, worker accommodation management, waste disposal	Noise-generating work restricted to daytime; waste bins installed; labor shed cleanliness improved
3	Kumudini Nursing Institute Academic Building	11/02/2026, 16/06/2026	KWT authority, contractor representatives, local community members	Noise during construction, worker accommodation management, waste disposal	Noise-generating work restricted to daytime; waste bins installed; labor shed cleanliness improved
4	Sylhet TTC	12/02/2026, 21/05/2026	TTC authority, contractor staff, workers, local participants	Site safety, drainage congestion during rainfall, public access control	Temporary drainage maintained; safety signage and barricading improved
5	STTL, Chattogram	17/03/2026, 22/06/2026	College authority, contractor	Site safety, Dust suppression, PPE usage, construction	safety signage and barricading improved, Regular

			representatives, workers	material storage	water spraying conducted; PPE compliance monitored; designated material storage areas maintained
6	EWU	15/06/2026	University authority, contractor representatives, workers	Dust suppression, PPE usage, construction material storage	Regular water spraying conducted; PPE compliance monitored; designated material storage areas maintained

A package-wise summary of stakeholder consultation and community engagement activities conducted during January–June 2026 is presented in Table 1-12A. The table provides the number of consultation meetings held for each subproject, together with sex-disaggregated participant information (male, female, and total) for the reporting period and cumulative participation over the project period. The information has been compiled from the available consultation records and attendance sheets maintained for the respective subprojects.

Table 1-12A: Package-Wise Summary of Stakeholder Consultation Meetings

Package	No. of consultation held during Jan-Jun 2026	Participants during Jan-Jun 2026			Cumulative Participants over the Project Period		
		Male	Female	Total	Male	Female	Total
STTL Chattogram	2	19	0	19	27	0	27
NATI Narsingdi	1	6	0	6	11	0	11
KWT Student Dormitory	2	22	0	22	29	0	29
Sylhet TTC	2	17	0	17	30	0	30
KWT Academic Building	2	17	0	17	17	0	17
EWU EDC	1	11	0	11	11	0	11
Grand Total	10	92		92			

Outcome of Consultations

43. Overall, stakeholders expressed general support for the ongoing civil works and associated activities under SICIP. The consultations indicated that the principal concerns of stakeholders were related to temporary construction impacts, including dust and noise generation, occupational and public safety, and construction-related traffic and access management. The Contractors and project management teams addressed these concerns

through continued implementation of the mitigation and management measures specified in the approved Environmental Management Plans (EMPs) and Construction Environmental Management Plans (CEMPs), together with regular site supervision and monitoring.

44. No major grievances, objections, or significant environmental and social concerns related to project implementation were recorded during the January–June 2026 reporting period. Stakeholder consultation and community engagement will continue throughout the construction period to facilitate timely identification and resolution of emerging concerns and to maintain effective communication between the project and relevant stakeholders.

1.16 Implementation Status of ADB Mission Recommendations

45. During the reporting period, SICIP continued to implement and follow up on environmental safeguard recommendations provided by ADB through review comments, monitoring missions, Aide-Mémoires, and consultations and communications with the ADB Environmental Specialist. The recommended corrective and improvement measures were communicated to the concerned Contractors, Site Engineers, EHS personnel, and relevant project officials for necessary action. Progress in implementing these recommendations was subsequently reviewed through regular site inspections, document review, and environmental safeguard monitoring. The implementation status of the key ADB recommendations and corresponding actions taken by SICIP during the reporting period is summarized in the following tables.

Table 1-13: Compliance Status of Environmental Safeguard Actions Agreed during the ADB Loan Review Mission (July–December 2025)

Sl. No.	Recommended Corrective Measures	Corrective Action Taken	Responsibility	Compliance Status	Further Action Required
1	Strengthen implementation and monitoring of Occupational Health and Safety (OHS) measures at active construction sites.	OHS monitoring was strengthened through regular site safety inspections, monitoring of PPE availability and use, toolbox meetings and safety briefings, and maintenance of first aid and emergency response facilities at active construction sites.	Contractors, Site Engineers and SDCMU	Complied	Continue regular OHS inspections, toolbox meetings, PPE monitoring, and documentation of safety performance.
2	Ensure preparation, approval, and implementation of site-specific CEMPs/SEMPs prior to and	CEMPs for STTL Chattogram, NATI Narsingdi, KWT Dormitory, Sylhet TTC, and KWT Academic Building were prepared by the Contractors,	Contractors, Environmental Specialist and SDCMU	Partially Complied	Complete the review and approval of the EWU CEMP and continue monitoring implementation

Sl. No.	Recommended Corrective Measures	Corrective Action Taken	Responsibility	Compliance Status	Further Action Required
	during construction activities.	reviewed and approved by SICIP, and shared with ADB. The CEMP for EWU has been prepared by the Contractor and is currently under review. For Khulna TTC, an ECoP was prepared, reviewed and approved by SICIP, and shared with ADB.			n of the approved CEMPs/ECoP at active construction sites.
3	Conduct environmental quality monitoring at the frequency specified in the revised monitoring requirements, including quarterly monitoring of relevant environmental parameters.	Environmental quality monitoring covering ambient air quality, water quality, and noise was undertaken at the active construction sites during the reporting period. The monitoring frequency was increased from semi-annual to quarterly monitoring during the current reporting period.	Environmental Specialist and Contractors	Complied	Continue quarterly environmental quality monitoring and report the results in subsequent EMRs.
4	Strengthen documentation of stakeholder consultations and environmental safeguard implementation records.	Stakeholder consultation and awareness activities were documented through meeting records, attendance sheets, photographs, and other supporting evidence. Relevant documentation has been maintained and included in the EMR annexes, as applicable.	SDCMU and Site Teams	Complied	Continue periodic stakeholder consultations and maintain complete supporting records for subsequent reporting.
5	Strengthen the Grievance	Site-level GRM arrangements were	SDCMU and	Complied	Continue GRM awareness

Sl. No.	Recommended Corrective Measures	Corrective Action Taken	Responsibility	Compliance Status	Further Action Required
	Redress Mechanism (GRM) and improve awareness among workers and surrounding communities.	established and maintained. Complaint boxes were installed at active construction sites, and GRM contact details and grievance submission procedures were displayed through information boards/signboards. GRM awareness was also incorporated into worker and stakeholder engagement activities.	Contractors		activities, maintain grievance registers, and document the receipt and resolution of grievances, if any.
6	Complete the review, updating, and finalization of outstanding IEEs in accordance with ADB comments and requirements.	The relevant IEEs are being updated and reviewed in response to ADB comments and recommendations. The review and finalization process remained ongoing during the reporting period.	Environmental Specialist and SDCMU	Partially Complied	Finalize the outstanding IEEs and submit/share the revised documents with ADB for review and further action, as applicable.
7	Organize sessions on GRM for workers	Training on GRM for Workers were conducted in all active construct sites	Contractors, Site Engineers, Environmental Specialist and SDCMU	Complied	Continue during whole construction phase

Table 1-13A: Compliance Status of Environmental Safeguard Actions Agreed during the ADB Loan Review Mission (January–June 2026)

Sl. No.	Recommended Corrective Measures	Corrective Action Taken	Responsibility	Compliance Status	Further Action Required
1	Finalize and approve CEMPs/SEMPs for all awarded packages and share with ADB.	CEMPs for STTL Chattogram, NATI Narsingdi, KWT Student Dormitory, and Sylhet TTC were prepared by the respective Contractors, reviewed and approved by SDCMU, and shared with ADB. For Khulna TTC, an ECoP was prepared, reviewed and approved by SDCMU, and shared with ADB. The EWU CEMP has been prepared by the Contractor and is currently under review by SDCMU. For the KWT Academic Building, a separate package-specific CEMP is currently under preparation by the Contractor to incorporate the mitigation measures, environmental monitoring	Contractors, Environmental Specialist and SDCMU	Partially Complied	Complete the preparation of the separate CEMP for the KWT Academic Building and submit it to SDCMU for review and formal approval. Complete the review and approval of the EWU CEMP. Following approval, the CEMPs will be shared with ADB. Continue monitoring implementation of the approved CEMPs/ECoP at the active construction sites.

		requirements, OHS provisions, waste management measures, and applicable regulatory requirements specified in its IEE/EMP.			
2	Prepare and submit a capacity-building/training plan and maintain complete training records.	The capacity-building and training plan was prepared and submitted to ADB. ADB's comments and recommendations were incorporated, and the revised plan was subsequently resubmitted to ADB. Training activities were conducted during the reporting period, and the corresponding training records are maintained and reported in this SEMR.	Contractors, Environmental Specialist and SDCMU	Complied	Continue environmental safeguard and OHS training and capacity-building activities throughout the construction period. Maintain complete training and attendance records and report the activities in subsequent SEMRs.
3	Conduct quarterly environmental quality monitoring for ambient air quality, noise, surface water and groundwater and share the results with ADB.	Quarterly environmental quality monitoring covering ambient air quality, noise, surface water and groundwater was conducted at STTL Chattogram, NATI Narsingdi, KWT Student Dormitory and KWT Academic Building during the reporting period. The monitoring results are presented in this SEMR.	Environmental Specialist and Contractors	Complied	Continue quarterly environmental quality monitoring in accordance with the respective IEE/EMP/EMoP requirements and report the results in subsequent SEMRs.
4	Appoint environment, health, and safety officer (EHSO) for each awarded package	Environment, health, and safety officers (EHSO) are appointed in all active packages.	Contractors and SDCMU	Complied	

5	Conduct consultation meetings with local communities to publicize GRM, install complaint boxes, and maintain records	Site-level GRM arrangements were established and maintained. Complaint boxes were installed at active construction sites, and GRM contact details and grievance submission procedures were displayed through information boards/signboards. GRM awareness was also incorporated into worker and stakeholder engagement activities.	SDCMU and Contractors	Complied	Continue GRM awareness activities, maintain grievance registers, and document the receipt and resolution of grievances, if any.
6	Submit semi-annual EMRs within 45 days of reporting period; improve quality by incorporating response matrix recommendations and signed checklists	Semi-annual EMR is submitted within 45 days of reporting period. Response matrix recommendations and signed checklists are incorporated in SEMR.	EHSO, Project Manager, Site Engineer, Environmental Specialist	Complied	Keep continue
7	Submit revised semi-annual progress report for July-December 2025	Submission of Revised semi-annual progress report for July-December 2025 was delayed submission.	EHSO, Project Manager, Site Engineer, Environmental Specialist	Partially Complied	
8	Submit semi-annual progress report for January-June 2026	Semi-annual progress report for January-June 2026 was submitted in 15 August 2026	EHSO, Project Manager, Site Engineer, Environmental Specialist	Complied	

SICIP will continue periodic follow-up of safeguard-related recommendations through site inspections, contractor coordination meetings, and semi-annual environmental monitoring activities.

1.17 Environmental Quality Test

46. Environmental quality monitoring was conducted at the active construction sites to assess and verify the prevailing environmental conditions within and around the respective project areas. The monitoring activities were undertaken to evaluate potential construction-related environmental impacts, support informed environmental management decisions, and assess

possible effects on nearby communities, workers, and other site personnel. Environmental quality monitoring included ambient air quality monitoring, noise level measurement, and water quality testing, as applicable, to verify compliance with relevant environmental standards, regulatory requirements, and the monitoring provisions specified in the respective IEEs and EMPs.

47. In response to ADB recommendations and in accordance with the environmental monitoring requirements of the IEEs, the monitoring frequency for STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory (KWT-Dorm), and Kumudini Nursing Institute (Academic Building) was increased from semi-annual to quarterly monitoring during the January–June 2026 reporting period. However, Sylhet TTC continued with semi-annual environmental quality monitoring because the existing civil works contract does not include a provision for increasing the frequency of environmental monitoring tests. This difference in monitoring frequency will continue to be clearly reflected in the EMR to maintain consistency between contractual requirements and the monitoring activities actually undertaken.

48. Construction activities at the EWU subproject commenced on 10 June 2026. Therefore, routine construction-phase environmental quality monitoring was not undertaken during the January–June 2026 reporting period due to the limited period of construction activity before the end of the reporting period. Baseline environmental quality monitoring was conducted in accordance with the requirements of the IEE/Environmental Monitoring Plan (EMoP) prior to the commencement of construction activities. Regular environmental quality monitoring will be conducted during the subsequent reporting period in accordance with the monitoring frequency and parameters specified in the IEE/EMoP.

Air Quality Monitoring:

49. Ambient air quality monitoring was conducted at five active SICIP construction subprojects during the January–June 2026 reporting period in accordance with the environmental monitoring requirements specified in the respective EMPs. For the subprojects where quarterly monitoring was adopted, two rounds of monitoring were undertaken: at the Kumudini Student Dormitory (KWT-Dorm) and Kumudini Nursing Institute (Academic Building) on 13–14 May 2026 and 17–18 June 2026; at STTL Chattogram on 29–30 April 2026 and 15–16 June 2026; and at NATI Narsingdi on 13–14 April 2026 and 20–21 June 2026. At Sylhet TTC, where environmental quality monitoring continued on a semi-annual basis, air quality monitoring was conducted on 11–12 June 2026. Air quality monitoring was not conducted at the EDC at East West University (EWU) during the January–June 2026 reporting period, as construction activities commenced only on 10 June 2026, near the end of the reporting period. Environmental quality monitoring at EWU will therefore be undertaken during the subsequent monitoring period in accordance with the applicable EMP/CEMP monitoring requirements.

50. The monitoring covered the key ambient air quality parameters particulate matter (PM_{2.5} and PM₁₀), sulfur dioxide (SO₂), carbon monoxide (CO), and nitrogen dioxide (NO₂). The monitoring results were assessed against the applicable ambient air quality standards of the Government of Bangladesh and the relevant IFC Environmental, Health and Safety (EHS) Guidelines to evaluate compliance and identify any potential deterioration in ambient air quality associated with ongoing construction activities. The frequency and dates of air quality monitoring are shown in Table 1-14.

Table 1-14: Project-wise Air Quality Monitoring Schedule during January–June 2026

Sl. No.	Subproject	Monitoring Frequency	First Monitoring Round	Second Monitoring Round	Remarks
1	STTL Chattogram	Quarterly	29–30 April 2026	15–16 June 2026	Two rounds of monitoring completed
2	NATI Narsingdi	Quarterly	13–14 April 2026	20–21 June 2026	Two rounds of monitoring completed
3	Kumudini Student Dormitory (KWT-Dorm)	Quarterly	13–14 May 2026	17–18 June 2026	Two rounds of monitoring completed
4	Kumudini Nursing Institute (Academic Building)	Quarterly	13–14 May 2026	17–18 June 2026	Two rounds of monitoring completed
5	Sylhet TTC	Semi-annual	11–12 June 2026	Not applicable	One monitoring round completed in accordance with the applicable monitoring arrangement
6	EDC at East West University (EWU)	—	Not conducted	Not conducted	Civil works commenced on 10 June 2026; therefore, air quality monitoring was not undertaken during this reporting period

Methodology of Ambient Air Quality Monitoring

51. Ambient air quality monitoring was conducted at one (01) representative location within each monitored project site in accordance with the applicable environmental monitoring schedule. A portable OCEANUS AQM-09 Air Quality Monitoring Station, as shown in Figure 2, was used for continuous measurement and recording of the key ambient air pollutants, including particulate matter (PM₁₀ and PM_{2.5}), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and carbon monoxide (CO).



Figure 2: Ambient Air Quality Monitoring Equipment (OCENASUS: AQM-09)

52. Ambient air quality sampling and monitoring were carried out with reference to the recommendations of the United States Environmental Protection Agency (USEPA). At each monitoring location, ambient air quality was monitored continuously for 24 hours using the OCEANUS AQM-09 Continuous Ambient Air Quality Monitoring System (CAAQMS) through continuous in-situ sampling. The instrument automatically measured and recorded PM₁₀, PM_{2.5}, NO₂, SO₂, and CO concentrations at one-minute intervals, with the monitoring data directly logged onsite. The recorded data were subsequently processed to obtain the required averaging periods for assessment against the applicable Bangladesh environmental standards and the relevant IFC Environmental, Health and Safety (EHS) Guidelines (2007). Continuous, automatic, and real-time monitoring methods were applied for both particulate matter and gaseous pollutants. The monitoring and analytical methods are summarized in Table 1-15.

Table 1-15: Analysis Methods of Air Quality Sampling and Analysis

Parameters	Instrument Name	Methods of Monitoring	Monitoring Principle	Analysis Method
PM ₁₀ , PM _{2.5}	OCENASUS AQM-09	Continuously, Automatically, and Real-time	Light scattering technique	Descriptive Statistical Analysis using MS Excel
Nitrogen dioxide (NO ₂), Sulfur dioxide (SO ₂), and carbon monoxide (CO)			High precision Electrochemical sensor	

53. Particulate matter (PM₁₀ and PM_{2.5}) and gaseous pollutants (NO₂, SO₂, and CO) were monitored continuously over a 24-hour period at each sampling location. Measurements were automatically recorded at one-minute intervals by the OCEANUS AQM-09 monitoring system. PM₁₀ and PM_{2.5} were measured using the light-scattering technique, while NO₂, SO₂, and CO were measured using high-precision electrochemical sensors. The recorded monitoring data were processed and evaluated using descriptive statistical analysis in MS Excel. The resulting ambient air quality concentrations were then compared with the applicable Department of Environment (DoE), Government of Bangladesh standards and the relevant IFC EHS Guideline values to assess compliance and identify any construction-related deterioration in ambient air quality. The technical specifications of the OCEANUS AQM-09 used for ambient air quality monitoring are presented below.

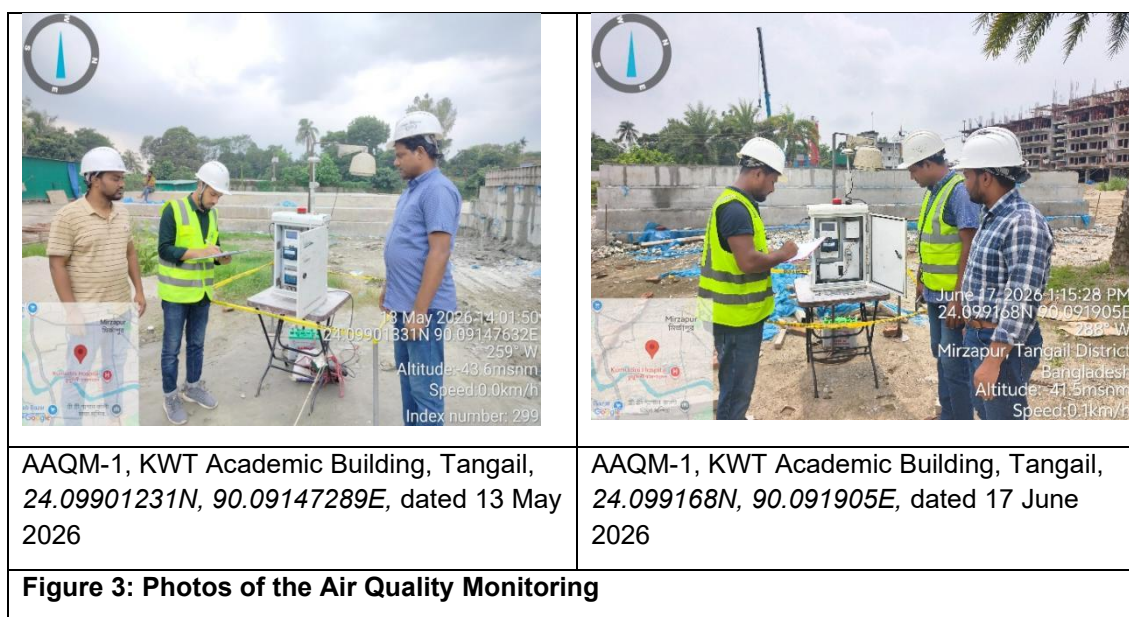
Table 1-16: Technical Specifications of the OCEANUS AQM-09 used for ambient air quality monitoring

Items	Description	Specification
Particle Modules	Monitor method	Continuously, automatically and real-time
	Working principle	Light scattering technique
	Measurement data	PM _{2.5} , PM ₁₀
	Measuring range	0~1000ug/m ³ (Range can be extended)
	Response time	≤60s
	Resolution	1ug/m ³
	Parallelism	<10%
	Sampling flow	1.3L/min, ±0.15
	Dehumidification	With the automatic dehumidification function module
	Alarm function	With high concentration alarm function, the platform can configure the alarm threshold
Gas modules	Monitor method	Continuously, automatically and real-time
	Working principle	High precision Electrochemical sensor
	Gas monitor	SO ₂ , NO ₂ , CO, O ₃
	T90	≤120s
	Sulfur dioxide SO ₂	Measuring range: 0~500ppb Resolution: 1ppb Indication error: ±10%F. S Minimum detection value: 5ppb
	Nitrogen dioxide NO ₂	Measuring range: 0~500ppb Resolution: 1ppb Indication error: ±10%F. S Minimum detection value: 5ppb
	Ozone O ₃	Measuring range: 0~10ppm Resolution: 0.1ppm Indication error: ±10%F. S Minimum detection value: 0.04ppm
	Carbon Monoxide CO	Measuring range: 0~500ppb Resolution: 1ppb Indication error: ±10%F. S Minimum detection value: 5ppb

54. Photographic evidence of the ambient air quality monitoring activities, including the monitoring equipment setup and sampling locations, is presented in Figure 3.

	
AAQM-1, STTL, Chittagong, 22.86106683N, 91.52380709E, dated 29 April 2026	AAQM-1, STTL, Mirsharai, Chittagong 22.86118296N, 91.52371891E, dated 15 June 2026

	
AAQM-1, NATI, Narsingdi, dated 13 April 2026	AAQM-1, NATI, Narsingdi, dated 20 June 2026
	
AAQM-1, KWT Dormitory, Tangail, 24.099914N, 90.0911563E, dated 13 May 2026	AAQM-1, KWT Dormitory, Tangail, 24.099983N, 90.091573E, dated 17 June 2026
	
AAQM-1, STTC, Sylhet, 24.87508983N, 89.077526E, 11 June 2026	



Air Quality Monitoring Results

55. The monitoring results indicate that the measured concentrations of PM_{2.5}, PM₁₀, SO₂, NO₂, and CO generally remained within the applicable reference standards and baseline ranges during the monitoring events conducted at the respective project sites. Overall, the monitoring results did not indicate any significant deterioration in ambient air quality attributable to the ongoing construction activities during the reporting period. The detailed ambient air quality monitoring results, together with the applicable reference standards, are presented in Table 1-17.

Table 1-17: Test Result of Ambient Air Quality Monitoring (a - e)

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

Parameter	National Standard	IFC EHS Standard 2007	STTL (CTG) (Baseline) April 2025	STTL (CTG) (Dec 2025)	STTL (CTG) (April 2026) First Monitoring Round	STTL (CTG) (June 2026) Second Monitoring Round	Remarks
PM _{2.5}	65 (µg/m ³)	25 (µg/m ³)	25.25	21.18	15.38	14.18	Satisfactory (good)
PM ₁₀	150 (µg/m ³)	50 (µg/m ³)	44.31	34.93	31.02	28.92	Satisfactory (good)
SO ₂	80 (µg/m ³)	20 (µg/m ³)	14.73	12.81	6.59	5.49	Satisfactory (good)
NO ₂	80 (µg/m ³)	200 (µg/m ³)	16.85	11.77	8.90	7.70	Satisfactory (good)
CO	5 (mg/m ³)	NYS	-	-	0.49	0.39	Satisfactory (good)

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Parameter	National Standard	IFC EHS Standard 2007	NATI (Baseline) June 2025	NATI (November 2025)	NATI (April 2026) First Monitoring Round	NATI (June 2026) Second Monitoring Round	Remarks
PM _{2.5}	65 (µg/m ³)	25 (µg/m ³)	36	46	22.65	19.54	Satisfactory (good)

Parameter	National Standard	IFC EHS Standard 2007	NATI (Baseline) June 2025	NATI (November 2025)	NATI (April 2026) First Monitoring Round	NATI (June 2026) Second Monitoring Round	Remarks
PM ₁₀	150 (µg/m ³)	50 (µg/m ³)	68	72	33.67	30.45	Satisfactory (good)
SO ₂	80 (µg/m ³)	20 (µg/m ³)	7.55	6.85	10.05	9.89	Satisfactory (good)
NO ₂	80 (µg/m ³)	200 (µg/m ³)	12.45	11.65	13.21	15.21	Satisfactory (good)
CO	5 (mg/m ³)	NYS	0.73	0.89	1.21	1.25	Satisfactory (good)

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Parameter	National Standard	IFC EHS Standard 2007	KWT-Dorm (Baseline) April 2025	KWT-Dorm (December 2025)	KWT-Dorm (May 2026) First Monitoring Round	KWT-Dorm (June 2026) Second Monitoring Round	Remarks
PM _{2.5}	65 (µg/m ³)	25 (µg/m ³)	23.96	13.87	21.35	19.37	Satisfactory (good)
PM ₁₀	150 (µg/m ³)	50 (µg/m ³)	36.23	29.52	35.27	31.58	Satisfactory (good)
SO ₂	80 (µg/m ³)	20 (µg/m ³)	9.81	8.99	8.36	6.57	Satisfactory (good)
NO ₂	80 (µg/m ³)	200 (µg/m ³)	15.22	11.76	12.53	11.28	Satisfactory (good)
CO	5 (mg/m ³)	NYS	-	-	0.35	0.49	Satisfactory (good)

(d) Sylhet Technical Training Centre (TTC), Sylhet

Parameter	National Standard	IFC EHS Standard 2007	STTC AAQM-1 (December 2025)	STTC AAQM-2 (December 2025)	STTC (June 2026) Semi-annual monitoring	Remarks
PM _{2.5}	65 (µg/m ³)	25 (µg/m ³)	18.31	19.55	24.41	Satisfactory (good)
PM ₁₀	150 (µg/m ³)	50 (µg/m ³)	48.63	43.41	48.44	Satisfactory (good)
SO ₂	80 (µg/m ³)	20 (µg/m ³)	12.14	11.68	15.29	Satisfactory (good)
NO ₂	80 (µg/m ³)	200 (µg/m ³)	17.13	19.81	16.17	Satisfactory (good)
CO	5 (mg/m ³)	NYS	0.39	0.41	0.51	Satisfactory (good)

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

Parameter	National Standard	IFC EHS Standard 2007	KWT Dorm (Baseline) April 2025	KWT Academic Building (May 2026) First Monitoring Round	KWT Academic Building (June 2026) Second Monitoring Round	Remarks
PM _{2.5}	65 (µg/m ³)	25 (µg/m ³)	23.96	20.02	17.70	Satisfactory (good)
PM ₁₀	150 (µg/m ³)	50 (µg/m ³)	36.23	34.32	32.44	Satisfactory (good)
SO ₂	80 (µg/m ³)	20 (µg/m ³)	9.81	8.39	6.49	Satisfactory (good)

Parameter	National Standard	IFC EHS Standard 2007	KWT Dorm (Baseline) April 2025	KWT Academic Building (May 2026) First Monitoring Round	KWT Academic Building (June 2026) Second Monitoring Round	Remarks
NO ₂	80 (µg/m ³)	200 (µg/m ³)	15.22	12.50	10.72	Satisfactory (good)
CO	5 (mg/m ³)	NYS	-	0.35	0.49	Satisfactory (good)

56. The ambient air quality monitoring results for the five active subprojects—STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory, Kumudini Nursing Institute (Academic Building), and Sylhet TTC—indicate generally satisfactory air quality conditions during the January - June 2026 reporting period. The monitored parameters included PM_{2.5}, PM₁₀, SO₂, NO₂, and CO. All reported monitoring values were within the applicable Bangladesh national standards, and the parameters for which IFC EHS reference values were presented were also within those limits.

57. At STTL Chattogram, the monitored concentrations generally decreased between the first and second monitoring rounds. At NATI Narsingdi, all parameters remained within the applicable limits despite minor variations between rounds. Similarly, results for the KWT Student Dormitory and KWT Academic Building remained within the applicable standards during both monitoring rounds. At Sylhet TTC, the June 2026 semi-annual monitoring results were also within the stated reference limits. Overall, the results indicate that the ongoing construction activities did not cause significant deterioration of ambient air quality at the monitored locations during the reporting period.

Water Quality Monitoring

58. Groundwater and surface water quality monitoring was conducted at five active SICIP construction subprojects during the January–June 2026 reporting period in accordance with the environmental monitoring requirements specified in the respective EMPs. For STTL Chattogram, both surface water and groundwater samples were collected on 29 April 2026 and 16 June 2026. At NATI Narsingdi, sampling was undertaken on 13 April 2026 and 20 June 2026. For the Kumudini Student Dormitory (KWT-Dorm) and Kumudini Nursing Institute (Academic Building) subprojects, water samples were collected on 28 April 2026 and 18 June 2026. At Sylhet TTC, one round of surface water and groundwater quality monitoring was conducted on 12 June 2026. Sylhet TTC continued with semi-annual monitoring because the existing civil works contract does not include provision for increasing the frequency of environmental quality monitoring from semi-annual to quarterly. Water quality monitoring was not conducted at the EDC at East West University (EWU) during the January–June 2026 reporting period, as construction activities commenced only on 10 June 2026, near the end of the reporting period. Environmental quality monitoring at EWU will therefore be undertaken during the subsequent monitoring period in accordance with the applicable EMP/CEMP monitoring requirements.

59. Water samples were collected from designated monitoring locations within or near the respective project sites and analyzed at laboratory facilities following standard sampling and analytical procedures. Surface water quality monitoring covered pH, BOD₅, COD, DO, suspended solids (SS), total coliform, total phosphorus (Total-P), total nitrogen (Total-N), and turbidity. The surface water monitoring results will be assessed against the applicable

Bangladesh standards and relevant IFC Environmental, Health and Safety (EHS) Guideline values, as appropriate. Groundwater quality monitoring covered pH, TDS, electrical conductivity (EC), DO, BOD₅, COD, chloride, SS, arsenic (As), iron (Fe), Total-N, Total-P, total coliform, turbidity, and temperature. The groundwater monitoring results will be compared with the applicable Bangladesh drinking water standards and relevant World Health Organization (WHO) guideline values, where available, to assess water quality conditions and identify any potential influence associated with ongoing construction activities.

Table 1-18: Sub-project wise Water Quality Monitoring Schedule

Sl. No.	Subproject	Monitoring Frequency	First Monitoring Round	Second Monitoring Round	Remarks
1	STTL Chattogram	Quarterly	29 Apr 2026	16 Jun 2026	Surface water and groundwater monitored
2	NATI Narsingdi	Quarterly	13 Apr 2026	20 Jun 2026	Surface water and groundwater monitored
3	KWT Student Dormitory	Quarterly	28 Apr 2026	18 Jun 2026	Surface water and groundwater monitored
4	KWT Academic Building	Quarterly	28 Apr 2026	18 Jun 2026	Surface water and groundwater monitored
5	Sylhet TTC	Semi-annual	12 Jun 2026	—	Surface water and groundwater monitored
6	EDC at EWU	—	Not conducted	Not conducted	Civil works commenced on 10 June 2026; therefore, water quality monitoring was not undertaken during this reporting period

Methodology of Surface Water Sampling and Analysis

60. Surface water quality monitoring was conducted at the active construction sites in accordance with the monitoring schedule established for the January–June 2026 reporting period. One surface water sample was collected from the designated monitoring location at each subproject site during each scheduled monitoring event. Two rounds of sampling were conducted for STTL Chattogram (29 April and 16 June 2026), NATI Narsingdi (13 April and 20 June 2026), Kumudini Student Dormitory (28 April and 18 June 2026), and Kumudini Nursing Institute (Academic Building) (28 April and 18 June 2026). At Sylhet TTC, where environmental quality monitoring continued on a semi-annual basis, one round of surface water sampling was conducted on 12 June 2026.

61. Surface water samples were collected from the designated water bodies following standard procedures for sample container preparation, collection, storage, preservation, and transportation. Sampling was undertaken in accordance with the APHA Standard Methods for the Examination of Water and Wastewater and the applicable requirements of Schedule 2A(1) of the Environmental Conservation Rules (ECR), 2023. Grab samples were collected from the central portion of the selected water body, where practicable, at approximately 0.5 m below the water surface to obtain representative samples and minimize the influence of floating materials and surface contamination.

62. Sampling Procedure

1. **Sample Containers:** A 5-litre pre-washed plastic container and a 1-litre sterilized PET bottle were used for collection of the required water samples.
2. **Container Sterilization:** PET bottles used for relevant analyses were sterilized by autoclaving or treatment with 70% ethanol and subsequently air-dried prior to use.
3. **Container Rinsing:** Appropriate sample containers were rinsed with water from the sampling source prior to final collection to minimize the potential for external contamination.
4. **Grab Sampling:** Surface water samples were collected using the grab sampling technique from the designated location, preferably toward the central portion of the water body and approximately 0.5 m below the water surface.
5. **Labeling and Preservation:** Immediately after collection, samples were properly labeled, sealed, stored in iceboxes, and preserved in accordance with the applicable APHA procedures.
6. **Transportation:** The collected samples were transported to the laboratory in clean, properly sealed containers under appropriate preservation conditions. Laboratory testing was undertaken within the required holding period, including within **48 hours of collection**, where applicable.
7. **Laboratory Analysis:** Laboratory analyses were conducted at the Government laboratory of the **Department of Public Health Engineering (DPHE)** and at **BEETLSL, an ISO/IEC 17025:2017 accredited laboratory**, following the applicable standard analytical methods.

63. The surface water quality parameters analyzed included pH, biochemical oxygen demand (BOD₅), chemical oxygen demand (COD), dissolved oxygen (DO), suspended solids (SS), total coliform, total phosphorus (Total-P), total nitrogen (Total-N), and turbidity. Following laboratory analysis, the monitoring results were compared with the applicable national surface water quality standards specified in Schedule 2A(1) of the ECR 2023, particularly Categories (d) and (f), considering the relevant uses of the receiving water bodies for fisheries/fish culture and agricultural purposes, as applicable. The results were also compared with relevant international reference values, where applicable, for the purpose of environmental performance assessment.

64. The name of the water quality parameters and their determination methods, and national standards are given in Table 1-19.

Table 1-19: Methods of Surface Water Quality Monitoring

SN	Parameters	Analysis	Referred Laboratory	Units	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guidelines APR 30 2007
					**D	**F	
1	Biochemical Oxygen Demand (BOD)	5 days Incubation with 20° C	BEETLSL	mg/L	6 or less	12 or less	30
2	Chemical Oxygen Demand (COD)	CRM	DPHE	mg/L	50	100	125
3	Dissolved Oxygen (DO)	Multimeter	DPHE	mg/L	5 or more	NYS	NYS
4	pH	pH Meter	DPHE	-	6-9	6.5-8.5	6.0-9.0
5	Total Suspended Solid (TSS)	Gravimetric Method	DPHE	mg/L	NYS	NYS	NYS
6	Turbidity	Turbidity Meter	DPHE	NTU	NYS	NYS	NYS
7	Coliform (Total)	MFM	BEETLSL	CFU/100 ml	≤5,000	≤50,000	NYS
8	Total P	UVS	BEETLSL	mg/L	0.5	2	NYS
9	Total N	UVS	BEETLSL	mg/L	NYS	NYS	NYS

*The Environment Conservation Rules (ECR) 2023, Schedule-2 (A) Standard for Inland Surface Water (d & f)

d. Water usable by fisheries

f. Water usable for irrigation

* NYS = Not Yet Set, BEETLSL= Bangladesh Environmental Engineering Training and Laboratory Services Ltd.

Methodology of Groundwater Sampling and Analysis

65. Groundwater quality monitoring was conducted at the active construction sites in accordance with the environmental monitoring schedule established for the January -June 2026 reporting period. One groundwater sample was collected from the designated monitoring location at each subproject site during each scheduled monitoring event. Two rounds of groundwater sampling were conducted at STTL Chattogram (29 April and 16 June 2026), NATI Narsingdi (13 April and 20 June 2026), Kumudini Student Dormitory (28 April and 18 June 2026), and Kumudini Nursing Institute (Academic Building) (28 April and 18 June 2026). At Sylhet TTC, where environmental quality monitoring continued on a semi-annual basis, one round of groundwater sampling was conducted on 12 June 2026.

66. Groundwater samples were collected from the designated groundwater sources following

standard procedures for sample container preparation, collection, preservation, storage, transportation, and laboratory analysis. Sampling was undertaken following the relevant procedures of the American Public Health Association (APHA) Standard Methods for the Examination of Water and Wastewater. Appropriate measures were taken throughout the sampling process to prevent external contamination and maintain sample integrity. The collected samples were properly preserved and transported to the laboratory for analysis within the applicable holding period, including within 48 hours of collection, where required.

67. Sampling Procedure

1. **Container Selection:** High-Density Polyethylene (HDPE) bottles were used for groundwater sample collection due to their chemical resistance and suitability for preserving water samples.
2. **Cleaning and Sterilization:** The sampling bottles were cleaned using laboratory-grade detergent and thoroughly rinsed with deionized water prior to use. Bottles intended for microbiological analysis were sterilized by autoclaving to minimize the risk of microbial contamination.
3. **Labeling and Identification:** Each sample container was clearly labeled with a unique Sample ID, sampling location, and other relevant sampling information to ensure proper identification and traceability throughout the sampling and laboratory analysis process.
4. **Sample Collection and Preservation:** Groundwater samples were collected directly from the designated borewell/submersible well or other identified groundwater source, while avoiding contact with external contaminants. The sample containers were immediately sealed following collection and preserved in accordance with the applicable standard procedures.
5. **Storage and Transportation:** Immediately after collection, the samples were stored in a dark, insulated ice cooler under appropriate temperature-controlled conditions to maintain sample integrity. Samples were transported to the laboratory within a few hours of collection, with analysis undertaken within the applicable holding time, including within 48 hours, where required by the relevant analytical method.
6. **Laboratory Analysis:** The collected groundwater samples were submitted to BEETLSL, an ISO/IEC 17025:2017 accredited laboratory, for analysis using the applicable standard analytical methods.

68. The groundwater quality parameters analyzed included pH, total dissolved solids (TDS), electrical conductivity (EC), dissolved oxygen (DO), biochemical oxygen demand (BOD₅), chemical oxygen demand (COD), chloride, suspended solids (SS), arsenic (As), iron (Fe), total nitrogen (Total-N), total phosphorus (Total-P), total coliform, turbidity, and temperature. Following laboratory analysis, the groundwater quality results were compared with the applicable national standards specified in Schedule 2(B) of the Environmental Conservation Rules (ECR), 2023 and relevant international guideline values, particularly the World Health Organization (WHO) drinking-water guidelines, as applicable. This comparison was undertaken to assess the prevailing groundwater quality conditions and identify any potential changes associated with construction activities at the monitored subproject sites. The analysis methods of different parameters of groundwater are given in the following Table 1-20.

Table 1-20: Methods of Ground Water Quality Monitoring

SN	Parameter	Unit	Analysis Method	Referred Laboratory	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024
1	Total Dissolve Solid (TDS)	mg/L	Multimeter	DPHE	1000	NYS
2	Turbidity	NTU	Turbidity Meter	DPHE	10	≤5
3	Temperature	°C	Thermometer	DPHE	20-30	NYS
4	EC	μS	Multimeter	DPHE	-	NYS
5	pH	-	pH Meter	DPHE	6.5-8.5	6.5-8.5
6	Dissolved Oxygen (DO)	mg/L	Multimeter	DPHE	6	NYS
7	Phosphate	mg/L	UVS	DPHE	NYS	NYS
8	TSS	mg/L	Gravimetric Method	DPHE	10	NYS
9	Biochemical Oxygen Demand (BOD)	mg/L	5 days Incubation	BEETLSL	0.2	NYS
10	Chemical Oxygen Demand (COD)	mg/L	CRM	DPHE	4.0	NYS
11	Iron (Fe)	mg/L	AAS	DPHE	0.3-1.0	NYS
12	Arsenic (As)	mg/L	AAS	DPHE	0.05	0.01
13	Chloride	mg/L	Titrimetric	DPHE	150-600	250
14	Coliform (Total)	CFU/100 ml	MFM	BEETLSL	0	0
15	T-N	mg/L	UVS	BEETLSL	NYS	NYS

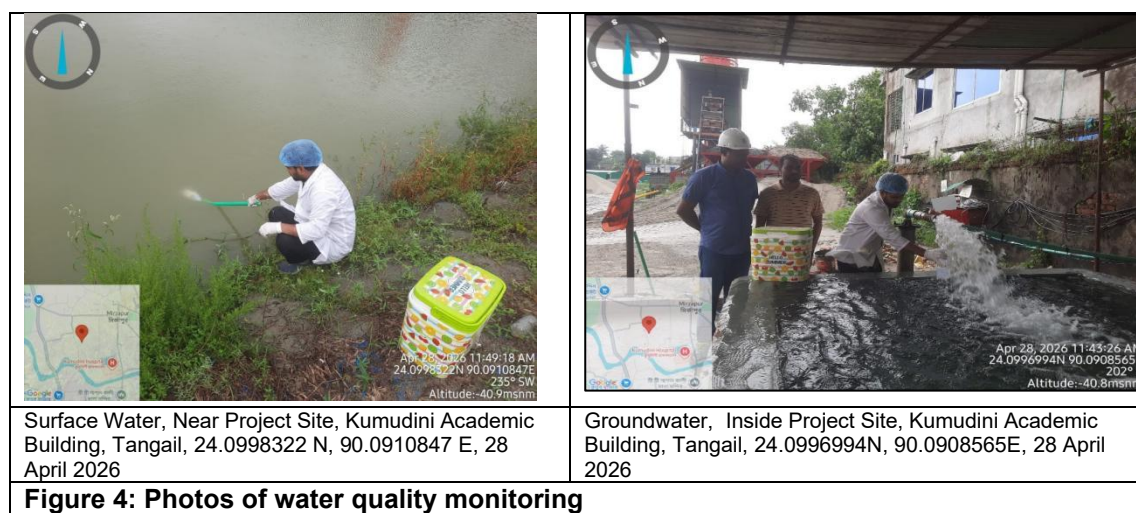
*The Environment Conservation Rules (ECR) 2023, Schedule-2 (B) Standard for Safe Drinking Water

* NYS = Not Yet Set

* BEETLSL= Bangladesh Environmental Engineering Training and Laboratory Services Ltd.

69. Photos of water quality monitoring (both groundwater and surface water) is shown in Figure 4.

 April 30, 2026 9:38:45 AM 22.861126N 91.523230E 299° NV Zorargonj, Chittagong District 432 Bangladesh Altitude:-44.0msnm Speed:0.0km/h	 April 30, 2026 9:46:40 AM 22.861083N 91.523965E 284° W Zorargonj, Chittagong District Bangladesh Altitude:-54.2msnm Speed:0.0km/h
Surface Water, STTL, Near Project Site Pond, MIRSHARAI, CHITTAGONG, 22.86162598N, 91.52293432E, 30 April 2026	Groundwater, STTL, Inside Project Site, Mirsharai, Chittagong, 22.86109572N, 91.52393008E, 30 April 2026
	
Surface Water, NATI, Narsingdi, 13 April 2026	Groundwater, NATI, Narsingdi, 13 April 2026
 Apr 28, 2026 11:57:08 AM 24.099518N 90.092588E 74° E Mirzapur Tangail District Dhaka Division Altitude:-46.3msnm Speed:2.8km/h	 Apr 28, 2026 11:44:37 AM 24.0997083N 90.0908708E 116° SE Altitude:-40.8msnm
Surface Water, Near Project Site, Kumudini Student Dormitory, Tangail, 24.099794N 90.091751E, 28 April 2026	Groundwater, Inside Project Site, Kumudini Student Dormitory, Tangail, 24.099697N 90.090816E, 28 April 2026



70. The detailed monitoring results for surface water is presented in Table 1-21.

Table 1-21: Test Result of Water Quality Monitoring (Surface water) (a-e)

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	STTL (CTG) (Baseline)	STTL (CTG) (Dec 2025)	STTL (CTG) (April 2026) First Monitoring Round	STTL (CTG) (June 2026) Second Monitoring Round	Remarks
	**D	**F						
pH	6-9	6.5-8.5	6.0-9.0	7.2	7.3	7.2	7.2	Satisfactory
BOD	6 or less	12 or less	30	3.8 mg/l	4 mg/l	12 mg/l	3.2 mg/l	Satisfactory
COD	50	100	125	48 mg/l	8 mg/l	60 mg/l	8 mg/l	
DO	5 or more	NYS	NYS	4.90 mg/l	5 mg/l	5 mg/l	4.95 mg/l	
TSS	NYS	NYS	NYS	5.0 mg/l	36 mg/l	60 mg/l	60 mg/l	
Total coliform	≤5,000	≤50,000	NYS	-	-	58 CFU/100 ml	73 CFU/100 ml	
Total P	0.5	2	NYS	-	-	<2 mg/l	<2 mg/l	
Total N	NYS	NYS	NYS	1.7 mg/l	1.9 mg/l	6.1 mg/l	7.1 mg/l	
Turbidity	NYS	NYS	NYS	-	-	46.9 NTU	58.1 NTU	

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	NATI (Baseline) June 2025	NATI (November 2025)	NATI (April 2026) First Monitoring Round	NATI (June 2026) Second Monitoring Round	Remarks
	**D	**F						
pH	6-9	6.5-8.5	6.0-9.0	6.2	7.7	7.2	7.3	Satisfactory
BOD	6 or less	12 or less	30	-	-	4.7 mg/l	5.3 mg/l	Satisfactory
COD	50	100	125	18 mg/l	22 mg/l	42 mg/l	44 mg/l	Satisfactory
DO	5 or more	NYS	NYS	6.8 mg/l	5.9 mg/l	5.6 mg/l	5.9 mg/l	Satisfactory
TSS	NYS	NYS	NYS	4 mg/l	6 mg/l	17 mg/l	19 mg/l	
Total coliform	≤5,000	≤50,000	NYS	-	-	265 CFU/100 ml	263 CFU/100 ml	
Total P	0.5	2	NYS	-	-	<2 mg/l	<2 mg/l	
Total N	NYS	NYS	NYS	-	-	1.6 mg/l	1.5 mg/l	
Turbidity	NYS	NYS	NYS	-	-	3.4 NTU	37 NTU	

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	KWT-Dorm (Baseline) April 2025	KWT-Dorm (December 2025)	KWT-Dorm (May 2026) First Monitoring Round	KWT-Dorm (June 2026) Second Monitoring Round	Remarks
	**D	**F						
pH	6-9	6.5-8.5	6.0-9.0	7.8	7.4	7.8	7.8	Satisfactory
BOD	6 or less	12 or less	30	4.0 mg/l	2 mg/l	5 mg/l	9.7 mg/l	Satisfactory
COD	50	100	125	4.0 mg/l	8 mg/l	24 mg/l	20 mg/l	Satisfactory
DO	5 or more	NYS	NYS	6.10 mg/l	5.06 mg/l	5.85 mg/l	4.85 mg/l	Satisfactory
TSS	NYS	NYS	NYS	5.0 mg/l	58 mg/l	22 mg/l	2 mg/l	
Total coliform	≤5,000	≤50,000	NYS	-	-	56 CFU/100ml	53 CFU/100m	
Total P	0.5	2	NYS	-		<2 mg/l	0.84 mg/l	
Total N	NYS	NYS	NYS	-	-	1.4 mg/l	1.69 mg/l	
Turbidity	NYS	NYS	NYS	-	-	24.6 NTU	6.3 NTU	

(d) Sylhet Technical Training Centre (TTC), Sylhet

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	STTC (December 2025)	STTC (June 2026) Semi-annual monitoring	Remarks
	**D	**F				
pH	6-9	6.5-8.5	6.0-9.0	7.7	7.3	Satisfactory
BOD	6 or less	12 or less	30	-	9.5 mg/l	Satisfactory
COD	50	100	125	-	48 mg/l	Satisfactory
DO	5 or more	NYS	NYS	-	4.65 mg/l	
TSS	NYS	NYS	NYS	-	78 mg/l	
Total coliform	≤5,000	≤50,000	NYS	-	52 CFU/100ml	

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	STTC (December 2025)	STTC (June 2026) Semi-annual monitoring	Remarks
	**D	**F				
Total P	0.5	2	NYS	-	0.86 mg/l	
Total N	NYS	NYS	NYS	-	1.73 mg/l	
Turbidity	NYS	NYS	NYS	-	81.2 NTU	

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (A)		IFC EHS Guideline 2007	KWT Dorm (Baseline) April 2025	KWT Academic Building (May 2026) First Monitoring Round	KWT Academic Building (June 2026) Second Monitoring Round	Remarks
	**D	**F					
pH	6-9	6.5-8.5	6.0-9.0	7.8	7.5	7.5	Satisfactory
BOD	6 or less	12 or less	30	4.0 mg/l	10 mg/l	9.6 mg/l	
COD	50	100	125	4.0 mg/l	44 mg/l	88 mg/l	
DO	5 or more	NYS	NYS	6.10 mg/l	4.7 mg/l	4.10 mg/l	
TSS	NYS	NYS	NYS	5.0 mg/l	54 mg/l	318 mg/l	
Total coliform	≤5,000	≤50,000	NYS	-	54 CFU/100 ml	50 CFU/100 ml	
Total P	0.5	2	NYS	-	<2 mg/l	0.87 mg/l	
Total N	NYS	NYS	NYS	-	1.3 mg/l	1.63 mg/l	
Turbidity	NYS	NYS	NYS	-	35.7 NTU	192 NTU	

*The Environment Conservation Rules (ECR) 2023, Schedule 2-B Standard for Drinking Water, **Primary Data Source:**

Laboratory: DPHE & BEETLSL, ECR =Environmental Conservation Rules, IFC= International Finance Cooperation, NYS =Not Yet Set, **D: Water usable for fisheries; **F: Water usable for irrigation

Discussion of Surface Water Quality Monitoring Results

71. The surface water quality monitoring results for the five subprojects generally indicate satisfactory water quality conditions during the January–June 2026 reporting period. At STTL Chattogram, NATI Narsingdi, KWT Student Dormitory, Sylhet TTC, and KWT Academic Building, the measured pH, BOD₅, and COD values remained within the applicable Bangladesh standards and relevant IFC EHS reference limits.

72. Some variations were observed in DO, TSS, and turbidity, particularly at the KWT Academic Building, where the June 2026 results showed DO of 4.10 mg/L, TSS of 318 mg/L, and turbidity of 192 NTU. At Sylhet TTC, DO was 4.65 mg/L, while TSS and turbidity were 78 mg/L and 81.2 NTU, respectively. These parameters should therefore continue to be closely monitored, particularly during the monsoon period when surface runoff and suspended sediment may increase. Overall, the monitoring results do not indicate major deterioration of surface water quality; however, continued implementation of runoff control, erosion and sediment management, proper material storage, and waste management measures is recommended at all active construction sites.

73. The detailed monitoring results for groundwater is presented in Table 1-22.

Table 1-22: Test Result of Water Quality Monitoring (Groundwater) (a-e)**(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)**

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	STTL (CTG) (Baseline) April 2025	STTL (CTG) (April 2026) First Monitoring Round	STTL (CTG) (June 2026) Second Monitoring Round
1	Total Dissolve Solid (TDS)	1000	NYS	172 mg/L	185 mg/L	170 mg/L
2	Turbidity	10	≤5	-	1 NTU	6.1 NTU
3	Temperature	20-30	NYS	-	25.8 °C	25.6 °C
4	EC	-	NYS	-	370 μS	340 μS
5	pH	6.5-8.5	6.5-8.5	7.3	7.3	7.5
6	Dissolved Oxygen (DO)	6	NYS	-	5.2 mg/L	5.90 mg/L
7	Phosphate	NYS	NYS	0.41 mg/L	0.65 mg/L	0.48 mg/L
8	TSS	10	NYS	-	4 mg/L	10 mg/L
9	Biochemical Oxygen Demand (BOD)	0.2	NYS	-	5 mg/L	0.003 mg/L
10	Chemical Oxygen Demand (COD)	4.0	NYS	-	24 mg/L	8 mg/L
11	Iron (Fe)	0.3-1.0	NYS	0.35 mg/L	0.64 mg/L	0.88 mg/L
12	Arsenic (As)	0.05	0.01	0.006 mg/L	0.007 mg/L	0.007 mg/L
13	Chloride	150-600	250	-	20 mg/L	10 mg/L
14	Coliform (Total)	0	0	0 CFU/100 ml	0 CFU/100 ml	0 mg/L
15	T-N	NYS	NYS	1.3 mg/L	4.59 mg/L	3.88 mg/L

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	NATI (Baseline) June 2025	NATI (April 2026) First Monitoring Round	NATI (June 2026) Second Monitoring Round
1	Total Dissolve Solid (TDS)	1000	NYS	220 mg/L	72 mg/L	75 mg/L
2	Turbidity	10	≤5	-	2.7 NTU	2.9 NTU
3	Temperature	20-30	NYS	-	28 °C	27 °C
4	EC	-	NYS	-	231 μS	238 μS
5	pH	6.5-8.5	6.5-8.5	7.4	7.4	7.2
6	Dissolved Oxygen (DO)	6	NYS	0	5.8 mg/L	6.2 mg/L
7	Phosphate	NYS	NYS	1.5 mg/L	1.4 mg/L	1.5 mg/L

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	NATI (Baseline) June 2025	NATI (April 2026) First Monitoring Round	NATI (June 2026) Second Monitoring Round
8	TSS	10	NYS	-	16 mg/L	17 mg/L
9	Biochemical Oxygen Demand (BOD)	0.2	NYS	-	1.1 mg/L	1.2 mg/L
10	Chemical Oxygen Demand (COD)	4.0	NYS	-	6.7 mg/L	6.9 mg/L
11	Iron (Fe)	0.3-1.0	NYS	0.07 mg/L	0.71 mg/L	0.70 mg/L
12	Arsenic (As)	0.05	0.01	0.001 mg/L	0.002 mg/L	0.005 mg/L
13	Chloride	150-600	250	-	129 mg/L	127 mg/L
14	Coliform (Total)	0	0	0 CFU/100 ml	0 CFU/100 ml	0 CFU/100 ml
15	T-N	NYS	NYS	3.5 mg/L	<2 mg/L	<2 mg/L

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	KWT-Dorm (Baseline) April 2025	KWT-Dorm (May 2026) First Monitoring Round	KWT-Dorm (June 2026) Second Monitoring Round
1	Total Dissolve Solid (TDS)	1000	NYS	220 mg/L	230 mg/L	235 mg/L
2	Turbidity	10	≤5	-	0.82 NTU	0.97 NTU
3	Temperature	20-30	NYS	-	26 °C	26.1 °C
4	EC	-	NYS	-	460 μS	470 μS
5	pH	6.5-8.5	6.5-8.5	7.7	7.3	7.5
6	Dissolved Oxygen (DO)	6	NYS	-	5.9 mg/L	5.20 mg/L
7	Phosphate	NYS	NYS	0.63 mg/L	0.25 mg/L	0.72 mg/L
8	TSS	10	NYS	-	4 mg/L	4 mg/L
9	Biochemical Oxygen Demand (BOD)	0.2	NYS	-	5 mg/L	0.11 mg/L
10	Chemical Oxygen Demand (COD)	4.0	NYS	-	12 mg/L	4 mg/L
11	Iron (Fe)	0.3-1.0	NYS	0.07 mg/L	0.08 mg/L	0.21 mg/L
12	Arsenic (As)	0.05	0.01	0.006 mg/L	0.007 mg/L	0.007 mg/L
13	Chloride	150-600	250		30 mg/L	20 mg/L
14	Coliform (Total)	0	0	0 CFU/100 ml	0 CFU/100 ml	0 CFU/100 ml
15	T-N	NYS	NYS	1.1 mg/L	2.6 mg/L	0.42 mg/L

(d) Sylhet Technical Training Centre (TTC), Sylhet

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	STTC (December 2025)	STTC (June 2026) Semi-annual monitoring
1	Total Dissolve Solid (TDS)	1000	NYS	322 mg/L	100 mg/L
2	Turbidity	10	≤5	-	9.3 NTU
3	Temperature	20-30	NYS	-	26.1 °C
4	EC	-	NYS	-	200 µS
5	pH	6.5-8.5	6.5-8.5	7.9	7.2
6	Dissolved Oxygen (DO)	6	NYS	-	5.15 mg/L
7	Phosphate	NYS	NYS	0.4 mg/L	0.03 mg/L
8	TSS	10	NYS	-	1 mg/L
9	Biochemical Oxygen Demand (BOD)	0.2	NYS	-	0.12 mg/L
10	Chemical Oxygen Demand (COD)	4.0	NYS	-	12 mg/L
11	Iron (Fe)	0.3-1.0	NYS	0.63 mg/L	3.12 mg/L
12	Arsenic (As)	0.05	0.01	0.005 mg/L	0.010 mg/L
13	Chloride	150-600	250	-	15 mg/L
14	Coliform (Total)	0	0	0 CFU/100 ml	0 CFU/100 ml
15	T-N	NYS	NYS	-	0.41 mg/L

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

SN	Parameter	*Bangladesh Standard ECR 2023, Schedule-2 (B)	WHO STANDARD 2024	KWT Dorm (Baseline) April 2025	KWT Academic Building (May 2026) First Monitoring Round	KWT Academic Building (June 2026) Second Monitoring Round
1	Total Dissolve Solid (TDS)	1000	NYS	220 mg/L	240 mg/L	230 mg/L
2	Turbidity	10	≤5	-	0.46 NTU	1.6 NTU
3	Temperature	20-30	NYS	-	26.1 °C	25.8 °C
4	EC	-	NYS	-	480 µS	460 µS
5	pH	6.5-8.5	6.5-8.5	7.7	7.6	7.8
6	Dissolved Oxygen (DO)	6	NYS	-	6.0 mg/L	5.1 mg/L
7	Phosphate	NYS	NYS	0.63 mg/L	0.42 mg/L	0.6 mg/L
8	TSS	10	NYS	-	2 mg/L	4 mg/L
9	Biochemical Oxygen Demand (BOD)	0.2	NYS	-	2 mg/L	0.12 mg/L
10	Chemical Oxygen Demand (COD)	4.0	NYS	-	8 mg/L	8 mg/L
11	Iron (Fe)	0.3-1.0	NYS	0.07 mg/L	0.09 mg/L	0.16 mg/L
12	Arsenic (As)	0.05	0.01	0.006 mg/L	0.007 mg/L	0.007 mg/L
13	Chloride	150-600	250		30 mg/L	20 mg/L
14	Coliform (Total)	0	0	0 CFU/100 ml	0 CFU/100 ml	0 CFU/100 ml
15	T-N	NYS	NYS	1.1 mg/L	3.34 mg/L	0.03 mg/L

*The Environment Conservation Rules (ECR) 2023, Schedule 2-B Standard for Drinking Water, **Primary Data Source: Laboratory: DPHE, BEETLSL**, ECR =Environmental Conservation Rules, WHO= World Health Organization, NYS =Not Yet Set

Discussion of Groundwater Quality Monitoring Results

74. The groundwater quality monitoring results for the five subprojects generally indicate acceptable groundwater quality conditions, although some parameters showed variations from the applicable reference values. At STTL Chattogram, NATI Narsingdi, KWT Student Dormitory, Sylhet TTC, and KWT Academic Building, pH and TDS remained within the applicable Bangladesh ECR 2023 standards during the monitoring period. Arsenic concentrations also remained within the Bangladesh standard at all monitored locations, while total coliform was not detected, indicating satisfactory microbiological quality of the sampled groundwater.

75. Some parameters require continued attention. At STTL Chattogram, turbidity increased to 6.1 NTU in June 2026, slightly exceeding the stated WHO reference value of ≤5 NTU. At Sylhet TTC, turbidity was 9.3 NTU, and iron increased to 3.12 mg/L, exceeding the Bangladesh

standard range of 0.3–1.0 mg/L. Variations in BOD, COD, DO, and TSS were also observed among the monitoring locations and between monitoring rounds. Overall, the results do not indicate widespread deterioration of groundwater quality associated with the ongoing construction activities; however, continued periodic monitoring is recommended, particularly for iron, turbidity, and other parameters showing variation or exceedance, to identify trends and ensure appropriate corrective measures where necessary.

Noise Level Monitoring

76. Noise level monitoring was conducted at the active SICIP construction sites during the January–June 2026 reporting period in accordance with the environmental monitoring requirements specified in the respective Environmental Management Plans (EMPs). Monitoring was undertaken at selected locations within and around the construction sites to assess construction-related noise levels and verify compliance with the applicable Department of Environment (DoE), Bangladesh standards and relevant IFC/World Bank EHS guideline values.

77. For the subprojects where quarterly environmental monitoring was adopted, two rounds of noise monitoring were completed during the reporting period. At STTL Chattogram, monitoring was conducted on 29–30 April 2026 and 15–16 June 2026 at two locations during each round. At NATI Narsingdi, monitoring was undertaken on 13 April 2026 and 20 June 2026 at four locations during each round. For the Kumudini Student Dormitory (KWT-Dorm) and Kumudini Nursing Institute (Academic Building), monitoring was conducted on 13–14 May 2026 and 17–18 June 2026, with two monitoring locations selected for each subproject during each round. At Sylhet TTC, one round of monitoring was conducted on 11 June 2026 at one location, as the existing contract does not include provision for increasing environmental monitoring from semi-annual to quarterly frequency.

78. Noise level monitoring was not conducted at the EDC at East West University (EWU) during the current reporting period because construction activities commenced only on 10 June 2026, near the end of the January–June reporting period. Noise monitoring at EWU will therefore be undertaken during the subsequent monitoring period in accordance with the applicable EMP/CEMP monitoring requirements.

Table 1-23: Noise Level Monitoring Schedule and Number of Monitoring Locations

Sl. No.	Subproject	First Monitoring Round	No. of Monitoring Locations	Second Monitoring Round	No. of Monitoring Locations	Remarks
1	STTL Chattogram	29–30 April 2026	2	15–16 June 2026	2	Quarterly monitoring
2	NATI Narsingdi	13 April 2026	4	20 June 2026	4	Quarterly monitoring
3	Kumudini Student Dormitory (KWT-Dorm)	13–14 May 2026	2	17–18 June 2026	2	Quarterly monitoring
4	Kumudini Nursing Institute	13–14 May 2026	2	17–18 June 2026	2	Quarterly monitoring

	(Academic Building)					
5	Sylhet TTC	11 June 2026	1	—	—	Semi-annual monitoring; no contractual provision for increasing monitoring frequency to quarterly
6	EDC at East West University (EWU)	Not conducted	—	Not conducted	—	Civil works commenced on 10 June 2026; monitoring will be undertaken in the subsequent reporting period

Methodology of Noise Level Monitoring

79. Noise level monitoring was conducted at the selected locations and the monitoring dates presented in Table 1-23: Noise Level Monitoring Schedule and Number of Monitoring Locations. The monitoring locations were selected within and around the respective construction sites to represent prevailing noise conditions and assess potential construction-related noise impacts on workers, institutional users, and nearby sensitive receptors.

80. Noise levels were measured using a Lutron SL-4033SD Sound Level Meter, as shown in Figure 5. Monitoring was conducted continuously for 24 hours at each selected location, covering both daytime and nighttime periods. The instrument recorded sound levels at one-minute intervals throughout the monitoring period. The principal parameters assessed were maximum noise level (Lmax), minimum noise level (Lmin), equivalent daytime noise level (Leq-day), and equivalent nighttime noise level (Leq-night).

81. The monitoring instrument was positioned at the selected sampling locations to record representative ambient noise conditions. The Lutron SL-4033SD has a measurement range of 30–130 dB, a resolution of 0.1 dB, and a frequency range of 31.5 Hz–16 kHz. The instrument is equipped with an electric condenser microphone, SD-card data recording capability, and maximum/minimum value recording functions. Calibration provisions were available for calibration at the 94 dB reference level.

82. Following completion of each 24-hour monitoring event, the recorded data were retrieved from the instrument and subjected to descriptive statistical analysis to determine the equivalent noise level (Leq) for each monitoring location. Leq represents the equivalent continuous sound level over a specified monitoring period and was determined following the approach described

in ISO 1996/1 (1987). The analysis method and monitoring equipment are summarized in Table 1-24, while the equation and associated parameters used for calculation of L_{eq} are presented immediately below the table.

83. The resulting L_{eq} -day and L_{eq} -night, together with the recorded L_{max} and L_{min} , were used to characterize the noise environment at each monitored subproject site. The monitoring results were subsequently compared with the applicable Department of Environment (DoE), Bangladesh noise standards and relevant IFC/World Bank guideline values to assess compliance and identify any potential noise impacts associated with ongoing construction activities.



Figure 5: Noise Level Monitoring Equipment (Lutron SL-4033SD)

Table 1-24: Analysis Methods of Noise Level Monitoring

Parameters	Device Name	Laboratory	Analysis Method
L-max, L-min, and L_{eq} -day	Lutron SL-4033DS	ECIL, In House	Descriptive Statistical Analysis by MS Excel.

The ISO 1996/1 (1987) defines L_{eq} , in dBA, as described by below Equation...

$$L_{eq} = 10 \times \log \left[\frac{1}{T} \times \sum_{i=1}^n t_i \times 10^{\frac{L_i}{10}} \right]$$

Where,

n = the total numbers of samples taken;

T = Total time in hours;

L_i = Sound level in dB;

t_i = fraction of total sample time

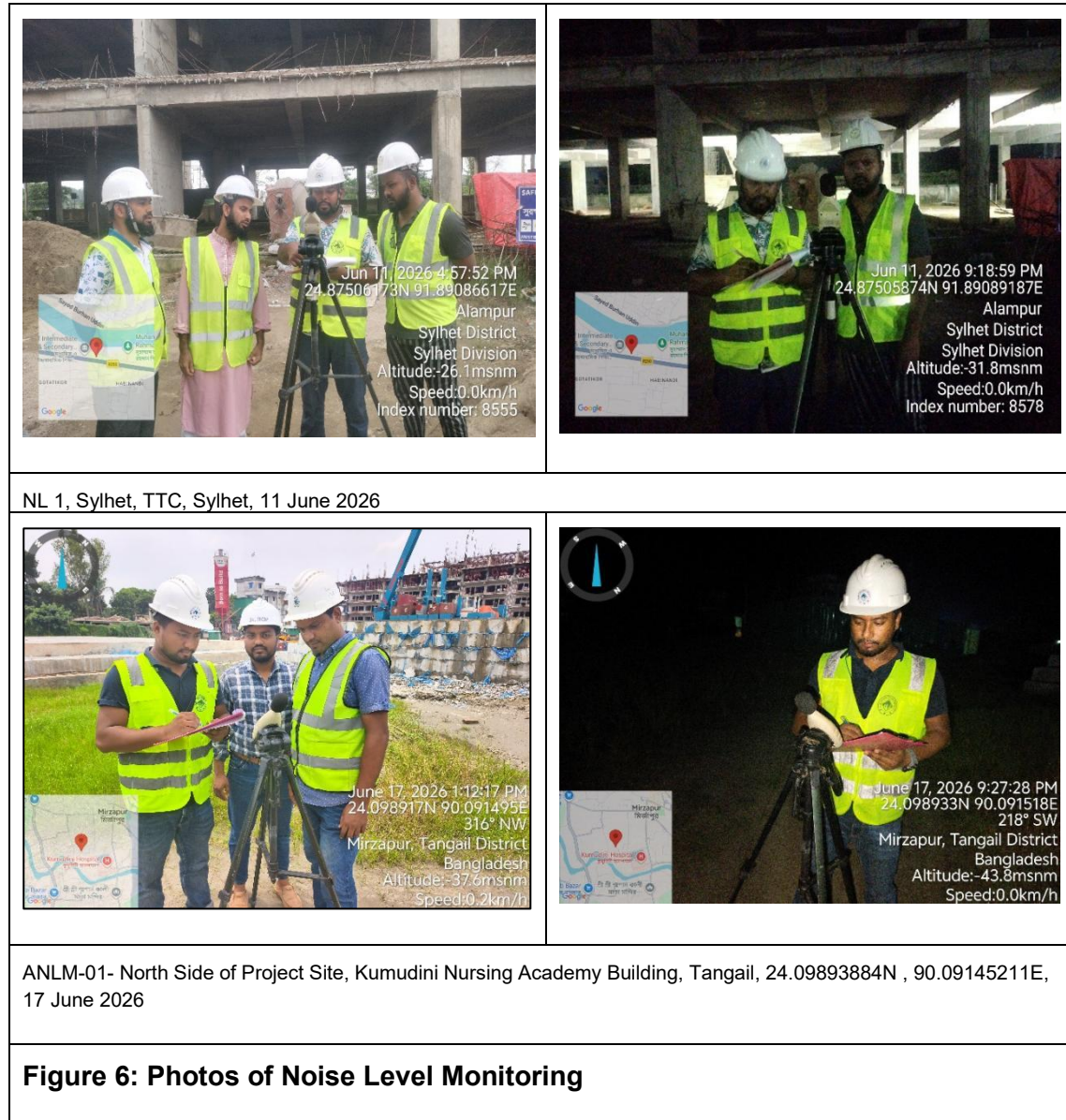
The L_{eq} measure is usually used in the environmental noise analysis. The Equivalent Level of Sound (L_{eq}) is the level of continuous noise that people can be exposed.

Specifications of Lutron SL-4033SD are given below:

Manufacturer	Lutron
Model No	SL-4033SD
Measuring Parameters	Sound
Sound	30 to 130 db
Accuracy	± 2.0 dB to ± 3.5 dB
Resolution_1	0.1 dB
Frequency	31.5 to 16 KHz.
Operating Temperature	0 to 50°C
Operating Humidity	< 85 % RH
Memory Card	SD memory card. 1 GB to 16 GB.
Data Hold	Freeze the display reading.
Peak Hold	To latch the max. measuring value.
Microphone type	Electric condenser microphone.
Circuit	Custom one-chip of micro-processor LSI circuit.
Memory Recall	Maximum & Minimum value
Calibrator	B & K (Bruel & kjaer), Multifunction Acoustic Calibrator 4226.
Calibration VR	Build in external calibration VR, easy to calibrate on 94 dB level by screw driver.
Power Supply	Alkaline or heavy-duty DC 1.5 V battery (UM3, AA) x 6 PCs, or equivalent
Dimension	245 X 68 X 45 mm
Weight	489 Grams

84. Photos of noise level monitoring is shown in Figure 6.





85. The detailed noise level monitoring results is presented in Table 1-25.

Table 1-25: Test Result of Noise Level Monitoring (a-e)

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}	L _{min}		
ANLM-01-STTL, Inside Project Site, Mirshorai, Chittagong 22.86105228N, 91.52382725E	Baseline, April 2025	57.97	70.0	38.2	48.74	60.8	31.1	Mixed Area	
	First Round, May 2026	55.34	68.54	34.9	46.16	58.3	34.1		
	Second Round, June 2026	52.90	64.9	33.1	45.09	57.1	32.8		
ANLM-02-STTL, Project Site, Mirshorai, Chittagong 22.86132222 N, 91.52394444 E	Baseline, April 2025	52.63	64.7	32.9	45.50	57.5	31.2	Mixed Area	
	First Round, May 2026	59.57	71.8	41.4	49.89	62.43	38.5		
	Second Round, June 2026	58.77	70.8	39.0	48.58	60.6	36.3		
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential: Intuitional: Educational								55	45

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Location	Monitoring Frequency	Monitoring Duration			Concentration Present (dBA)			Category
		Day			Night			
South Side of the Project Area	Baseline, June 2025	57.64	-	--	-	-	-	Silent Zone
	First round April 2026	48.33	66.34	33.56	38.62	64.21	32.1	
	Second round June 2026	49.11	69.67	32.45	38.88	67.29	33.21	
East Side of the	Baseline, June 2025	53.31	-	-	-	-	-	Silent Zone

Location	Monitoring Frequency	Monitoring Duration			Concentration Present (dBA)			Category
		Day			Night			
Project Area	First round April 2026 2026	47.16	68.26	32.76	39.31	65.64	33.6	
	Second round June 2026	47.76	67.44	32.22	37.34	65.87	31.82	
North Side of the Project Area	Baseline, June 2025	56.51	-	-	-	-	-	Silent Zone
	First round April 2026	49.56	67.43	33.82	37.44	63.34	32.02	
	Second round June 2026	48.82	68.23	31.98	38.19	66.94	33.65	
Infront of workshop Building-1	Baseline, June 2025	58.25	-	-	-	-	-	Silent Zone
	First round April 2026	48.67	64.98	32.45	39.89	69.53	33.78	
	Second round June 2026	46.91	67.98	33.56	38.98	67.38	32.32	
Bangladesh Standard						Day Time	Night Time	
Industrial area						75	70	
Commercial						70	60	
Mixed area						60	50	
Residential area						55	45	
Silent Area						50	40	
World Bank / IFC Standard								
Industrial area						70	70	
Residential; Intuitional; Educational						55	45	

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}	L _{min}		
ANLM-01- North Side of Project Site, Kumudini, Tangail 24.099919N, 90.091582E	Baseline, April 2025	48.81	60.8	31.2	39.68	51.6	30.7	Silent	
	First Round May 2026	51.36	63.32	38.56	41.68	51.6	33.5		
	Second Round June 2026	44.91	56.9	34.1	37.21	48.8	31.1		
ANLM-02- South Side of Project Site, Kumudini, Tangail 24.100294N, 90.091363E	Baseline, April 2025	47.26	59.3	32.5	38.66	50.5	30.2	Silent	
	First Round, May 2026	52.64	64.1	35.8	40.31	52.3	32.6		
	Second Round June 2026	46.28	58.3	35.5	35.57	46.7	31.9		
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential; Intuitional; Educational								55	45

(d) Sylhet Technical Training Centre (TTC), Sylhet

Location	Date	Time	Analyzed Value (Decibel)						Category	
			Day			Night				
			L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}	L _{min}		
ANLM-1 (Silent Zone, Middle Side)	11 June 2026-12 June 2026	4.00 PM to 4.00 PM	43.77	68.12	33.98	36.73	61.35	30.96	Silent	
	Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
	Industrial area								75	70
	Commercial								70	60
	Mixed area								60	50
	Residential area								55	45
	Silent Area								50	40
	World Bank / IFC Standard									
	Industrial area								70	70
	Residential; Institutional; Educational								55	45

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}	L _{min}		
ANLM-01- North Side of Project Site, Kumudini, Tangail 24.09893884N, 90.09145211E	First Round, May 2026	51.6	62.4	37.4	39.6	53.3	31.5	Silent	
	Second Round, June 2026	46.81	58.8	34.7	39.55	51.1	32.7		
ANLM-02- South Side of Project Site, Kumudini, Tangail 24.09887185N 90.09138261E	First Round, May 2026	52.03	63.2	38.7	38.9	54.8	32.6	Silent	
	Second Round, June 2026	47.73	59.7	33.2	38.76	49.9	32.2		
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential: Intuitionl: Educational								55	45

Discussion on Noise Level Monitoring Results

86. The noise level monitoring results for the five active subprojects—STTL Chattogram, NATI Narsingdi, KWT Student Dormitory, Sylhet TTC, and KWT Nursing Academic Building—indicate that noise conditions were generally satisfactory during the January–June 2026 reporting period. The results were assessed against the applicable Bangladesh Noise Pollution Control Rules, 2006 and relevant World Bank/IFC guideline values, considering the designated land-use category of each monitoring location.

87. At STTL Chattogram, which was assessed as a mixed area, the daytime and nighttime Leq values remained within the applicable Bangladesh limits of 60 dBA and 50 dBA, respectively, during both monitoring rounds. At NATI Narsingdi, the monitoring locations were categorized as silent zones. The recorded Leq values ranged from 46.91–49.56 dBA during daytime and 37.34–39.89 dBA during nighttime, remaining within the applicable Bangladesh limits of 50 dBA during daytime and 40 dBA during nighttime.

88. At the KWT Student Dormitory, some daytime Leq values during the first monitoring round in May 2026 (51.36 and 52.64 dBA) were slightly above the Bangladesh silent-area limit of 50 dBA; however, the levels decreased during the second monitoring round in June to 44.91 and 46.28 dBA, respectively. Nighttime Leq values remained generally close to or within the applicable limits. At the KWT Nursing Academic Building, daytime Leq values also showed slight exceedances during the first round (51.60 and 52.03 dBA) but decreased to 46.81 and 47.73 dBA during the second round. Nighttime Leq values remained within the applicable limit.

89. At Sylhet TTC, the recorded daytime and nighttime Leq values were 43.77 dBA and 36.73 dBA, respectively, which were within both the applicable Bangladesh silent-area standards and relevant World Bank/IFC guideline values.

90. Overall, the monitoring results indicate that construction-related noise was generally controlled within the applicable standards, with only minor daytime exceedances observed during the first monitoring round at the KWT sites. The reduction in noise levels during the subsequent monitoring round indicates improvement in site noise conditions. Contractors should continue implementing noise-control measures, including proper maintenance of construction equipment, restriction of high-noise activities to daytime hours, and regular noise monitoring, particularly near educational and other sensitive receptors.

Assessment of Exceedances, Material Variations and Corrective Actions

91. The environmental quality monitoring results for January–June 2026 were further reviewed to identify parameters that exceeded the applicable reference standards or showed material deterioration compared with baseline or previous monitoring results. For each identified issue, the probable cause, possible linkage with construction activities, corrective/preventive measures and available follow-up monitoring results were assessed. The review indicates that ambient air quality remained within the applicable standards at all monitored subprojects, while localized variations or exceedances were identified mainly in surface-water quality, groundwater quality and noise.

Table 1-26: Parameter Exceedances, Material Variations and Corrective Actions

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
STTL Chattogram	Groundwater turbidity increased to 6.1 NTU in June 2026, exceeding the WHO reference value of ≤5 NTU. The April 2026 value was 1 NTU.	The increase may be associated with localized sediment intrusion, rainfall-related infiltration, disturbance around the groundwater source, or other local conditions. A direct construction linkage cannot be conclusively established from one monitoring result.	Maintain good housekeeping; prevent sediment-laden runoff and wastewater from entering the groundwater-source area; maintain drainage around the water source; inspect the source surroundings; and continue groundwater monitoring.	No subsequent monitoring result was available within the reporting period. The issue will be verified during the next monitoring round.
STTL Chattogram	Groundwater DO was 5.2 mg/L in April	These variations may reflect natural/local	Maintain sanitation, waste-management and spill-prevention	BOD improved from 5 to 0.003 mg/L

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
	and 5.90 mg/L in June, compared with the stated Bangladesh reference value of 6 mg/L. Groundwater COD was 24 mg/L in April and 8 mg/L in June, compared with the stated reference value of 4 mg/L. BOD was 5 mg/L in April but decreased to 0.003 mg/L in June.	groundwater characteristics, organic matter, surrounding land-use influence or localized site conditions. Construction linkage is not confirmed because the parameters improved substantially between the first and second monitoring rounds.	measures; prevent wastewater infiltration near the groundwater source; and continue periodic groundwater monitoring.	and COD decreased from 24 to 8 mg/L during the second round. DO also improved from 5.2 to 5.90 mg/L, although it remained slightly below the stated reference value. Continued monitoring is required.
NATI Narsingdi	Groundwater monitoring showed TSS of 16 and 17 mg/L, BOD of 1.1 and 1.2 mg/L, and COD of 6.7 and 6.9 mg/L during April and June, respectively, compared with the stated groundwater reference values of 10 mg/L TSS, 0.2 mg/L BOD and 4 mg/L COD. DO was 5.8 mg/L in April, slightly below the stated 6	The relatively stable values between the two monitoring rounds suggest that the results may reflect local groundwater characteristics rather than a sudden construction-related deterioration. Nevertheless, possible influence from site sanitation, surface infiltration or construction-site runoff cannot be completely excluded.	Maintain sanitation and drainage facilities; prevent discharge or infiltration of wastewater and contaminated runoff; maintain spill-control measures; and continue groundwater monitoring.	DO improved to 6.2 mg/L and met the stated reference value in June. TSS, BOD and COD remained elevated in the second round; therefore, continued monitoring and source verification are required.

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
	mg/L reference, but increased to 6.2 mg/L in June.			
KWT Student Dormitory	Groundwater DO was 5.9 mg/L in May and 5.20 mg/L in June, below the stated 6 mg/L reference. BOD was 5 mg/L in May but decreased to 0.11 mg/L in June. COD decreased from 12 mg/L in May to 4 mg/L in June.	The first-round BOD/COD elevation may have been influenced by localized organic loading, or infiltration; however, the strong reduction during the second round does not indicate continuing deterioration attributable to construction.	Maintain sanitation facilities and septic arrangements; prevent wastewater leakage and surface runoff infiltration; maintain good housekeeping and continue monitoring.	BOD and COD improved substantially and were within/at the stated reference values in June. DO remained below the stated reference and therefore requires continued observation.
KWT Student Dormitory	Daytime noise levels of 51.36 and 52.64 dBA during the first monitoring round slightly exceeded the Bangladesh silent-area limit of 50 dBA.	The temporary elevation was likely associated with construction equipment, material handling and other daytime construction activities within the campus environment.	Maintain equipment properly, restrict high-noise activities to daytime hours, avoid unnecessary idling, and maintain supervision near sensitive educational receptors.	Noise decreased to 44.91 and 46.28 dBA during the June monitoring round, returning within the applicable limit. The corrective measures were therefore considered effective; routine monitoring will continue.

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
KWT Academic Building	Surface-water DO declined from the baseline value of 6.10 mg/L to 4.7 mg/L in May and 4.10 mg/L in June, below the applicable fisheries-use reference of 5 mg/L. TSS increased from 5 mg/L baseline to 54 mg/L in May and 318 mg/L in June, while turbidity increased from the baseline condition to 35.7 NTU in May and 192 NTU in June, representing material deterioration.	The marked increase in TSS and turbidity during the monsoon period may be associated with sediment-laden surface runoff from surrounding areas. The run off from exposed soil, earthwork, material stockpiles and disturbed construction areas are very minimal or none. Lower DO may also be influenced by increased suspended solids and organic load. A construction influence is therefore may not be possible. But rainfall and other local catchment conditions may contribute.	Strengthen temporary drainage, runoff interception, sediment-control barriers/silt traps and erosion protection; cover loose materials and stockpiles; prevent disposal of soil or construction waste near drainage paths; improve housekeeping; and inspect controls after rainfall.	No monitoring round after the June result was available within the reporting period. The issue remains open for follow-up monitoring during the subsequent reporting period to verify the effectiveness of corrective measures.
KWT Academic Building	Groundwater DO decreased from 6.0 mg/L in May to 5.1 mg/L in June, below the stated 6 mg/L reference. BOD was 2 mg/L in May but improved to 0.12 mg/L in June. COD remained 8 mg/L in both	The improvement in BOD suggests that there was no continuing deterioration in organic loading. COD and DO variations may reflect local groundwater characteristics or localized influence from surrounding sanitation/infiltration conditions. A direct	Maintain sanitation, spill-prevention and drainage measures; protect the groundwater source from construction runoff and wastewater; and continue groundwater monitoring.	BOD improved substantially during the second round. DO declined and COD remained elevated relative to the stated reference; therefore, these parameters will continue to

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
	monitoring rounds compared with the stated 4 mg/L reference.	construction linkage has not been established.		be monitored.
KWT Academic Building	First-round daytime noise levels of 51.60 and 52.03 dBA slightly exceeded the 50 dBA silent-area limit.	The temporary exceedance was likely associated with construction equipment and daytime construction activities within the educational campus.	Restrict high-noise activities to daytime periods; maintain equipment; avoid unnecessary equipment operation/idling; and maintain monitoring near sensitive receptors.	Noise decreased to 46.81 and 47.73 dBA during the second monitoring round and returned within the applicable limit, indicating improvement following continued noise-control measures.
Sylhet TTC	Surface-water DO was 4.65 mg/L, below the applicable 5 mg/L fisheries-use reference, while TSS was 78 mg/L and turbidity 81.2 NTU, indicating elevated suspended solids/turbidity requiring attention.	Possible causes include monsoon rainfall, sediment-laden runoff, disturbed soil on river banks. There is no drainage line from construction site to the river. The river is half kilometer away from the construction site. Though there is no direct connection to river from the construction site and no wastes are thrown to river, hence, the degree of construction	Maintain/strengthen drainage, erosion and sediment controls; protect stockpiles; prevent waste and loose soil from entering drainage routes; maintain housekeeping; and conduct follow-up surface-water monitoring.	No subsequent monitoring result was available within January–June 2026 because Sylhet TTC was monitored on a semi-annual basis. The issue remains open for verification during the next scheduled monitoring round.

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
		influence cannot be conclusively determined.		
Sylhet TTC	Groundwater turbidity was 9.3 NTU, above the WHO reference value of ≤ 5 NTU, and iron increased from 0.63 mg/L in December 2025 to 3.12 mg/L in June 2026, exceeding the Bangladesh standard range of 0.3–1.0 mg/L. Groundwater DO was 5.15 mg/L, below the stated 6 mg/L reference, and COD was 12 mg/L, above the stated 4 mg/L reference.	Elevated iron may be related to natural geochemical characteristics of the aquifer, corrosion or localized groundwater conditions and cannot automatically be attributed to construction. Turbidity may result from sediment intrusion or disturbance around the groundwater source. The available monitoring information is insufficient to establish a direct construction linkage.	Inspect the groundwater source and surrounding drainage/sanitation conditions; prevent surface runoff and wastewater infiltration; maintain good housekeeping and spill prevention; and repeat groundwater monitoring to determine whether the elevated values persist.	No subsequent groundwater monitoring was conducted within the reporting period. The issue remains open for follow-up monitoring, with particular attention to iron and turbidity.
EWU EDC	No construction-phase exceedance was identified during January–June 2026. Baseline monitoring of air, noise, surface water	Construction commenced only on 10 June 2026; therefore, there was insufficient construction-period monitoring data during the reporting period to assess deterioration from	Continue implementation of the applicable EMP/CEMP measures and undertake routine construction-phase environmental quality monitoring during the next	Baseline conditions will be used for comparison with subsequent construction-phase monitoring results.

Subproject	Parameter / Observation	Probable Cause and Possible Construction Linkage	Corrective / Preventive Measure	Follow-up Result / Status
	and groundwater had been conducted prior to construction.	baseline.	reporting period.	
Khulna TTC	No instrumental environmental-quality exceedance was identified because comprehensive environmental quality monitoring was not undertaken for this small-scale package.	The package involved limited works and generally fewer than five workers, with environmental management undertaken through the approved ECoP and routine supervision.	Continue ECoP implementation, housekeeping, dust/noise control, waste management, drainage management and OHS supervision. Additional monitoring should be undertaken if site conditions or environmental risks warrant it.	No significant environmental pollution incident was reported during the reporting period.

92. Overall, the identified exceedances and material variations were localized rather than program-wide. Ambient air quality remained within the applicable standards at all monitored sites, and noise exceedances at the two KWT sites were temporary, with subsequent monitoring confirming improvement to within the applicable limit. The most significant issue requiring continued follow-up is the deterioration in surface-water DO, TSS and turbidity at the KWT Academic Building, together with localized groundwater-quality variations at STTL, NATI, KWT Dormitory, KWT Academic Building and Sylhet TTC. The available results do not, by themselves, demonstrate that all groundwater variations were caused by construction activities; therefore, site controls will be maintained and subsequent monitoring will be used to confirm trends and determine whether additional corrective measures are required. The issues for which no follow-up monitoring result was available by 30 June 2026 will remain open until subsequent monitoring verifies improvement or satisfactory conditions.

Trend Comparison of Environmental Quality Monitoring Results

93. To assess changes in environmental quality over the project implementation period, the monitoring results were reviewed comparatively against the available baseline conditions, previous-semester monitoring results, first monitoring round, and second monitoring round during January–June 2026. Trend comparisons were undertaken only where comparable historical monitoring data were available. Where a complete four-stage dataset was not

available, the comparison was made using the available monitoring periods and this limitation is identified accordingly.

Ambient Air Quality

94. Ambient air-quality trends for PM_{2.5}, PM₁₀, SO₂, NO₂ and CO generally indicate stable or improving conditions across the monitored construction sites. At STTL Chattogram, monitored concentrations generally decreased between the first and second monitoring rounds. At NATI Narsingdi and the two KWT packages, some fluctuations occurred between monitoring periods, but all reported concentrations remained within the applicable national standards and relevant IFC EHS reference values. Sylhet TTC was monitored on a semi-annual basis and its June 2026 results also remained within the applicable limits. Overall, comparison of the available baseline, previous-period and current monitoring results does not indicate a progressive deterioration in ambient air quality attributable to construction activities.

Surface Water Quality

95. Surface-water trends were generally stable for pH, BOD and COD, although changes were observed in DO, TSS and turbidity at some locations. At NATI, comparison across the baseline, November 2025, April 2026 and June 2026 monitoring periods indicates some parameter fluctuations, including an increase in turbidity during the second monitoring round; therefore, continued observation is required.

96. At the KWT Student Dormitory, DO changed from 6.10 mg/L at baseline to 5.06 mg/L in December 2025, increased to 5.85 mg/L in May 2026, and decreased to 4.85 mg/L in June 2026. TSS changed from 5 mg/L at baseline to 58 mg/L in December 2025, 22 mg/L in May and 2 mg/L in June 2026, indicating substantial improvement in suspended solids by the second monitoring round. Turbidity also declined from 24.6 NTU in May to 6.3 NTU in June 2026.

97. At the KWT Academic Building, the available comparison is based on the April 2025 KWT campus baseline and the May and June 2026 monitoring rounds. Surface-water quality showed a deteriorating trend for the parameters of greatest concern: DO declined from 6.10 mg/L at baseline to 4.7 mg/L in May and 4.10 mg/L in June 2026; TSS increased from 5 mg/L at baseline to 54 mg/L in May and 318 mg/L in June; and turbidity increased from 35.7 NTU in May to 192 NTU in June 2026. This trend indicates a need for strengthened runoff, erosion and sediment-control measures and follow-up monitoring during the subsequent reporting period.

98. For Sylhet TTC, a complete baseline–previous semester–two-round comparison is not available because environmental monitoring is conducted semi-annually. The June 2026 surface-water monitoring recorded DO 4.65 mg/L, TSS 78 mg/L and turbidity 81.2 NTU. These results will serve as an important reference for comparison with the next semi-annual monitoring round.

99. At STTL Chattogram, surface-water quality was compared across the baseline condition, December 2025 monitoring, April 2026 first monitoring round, and June 2026 second monitoring round. BOD increased from 3.8 mg/L at baseline to 4 mg/L in December 2025 and 12 mg/L in April 2026, but subsequently decreased substantially to 3.2 mg/L in June 2026. COD showed a similar fluctuating pattern, changing from 48 mg/L at baseline to 8 mg/L in December 2025, increasing to 60 mg/L in April 2026, and decreasing again to 8 mg/L in June 2026. The second-round results therefore indicate improvement in both BOD and COD

compared with the first monitoring round. Dissolved oxygen (DO) remained comparatively stable, changing from 4.90 mg/L at baseline to 5.0 mg/L in December 2025 and April 2026, and 4.95 mg/L in June 2026. TSS showed an increasing trend from 5 mg/L at baseline to 36 mg/L in December 2025 and 60 mg/L in April 2026, remaining at 60 mg/L in June 2026. This indicates that suspended-solid levels remained elevated compared with baseline and should continue to be monitored, particularly during periods of rainfall and construction-related surface runoff.

Groundwater Quality

100. At STTL Chattogram, groundwater turbidity increased from 1 NTU in April 2026 to 6.1 NTU in June 2026, while BOD decreased from 5 mg/L to 0.003 mg/L, COD decreased from 24 mg/L to 8 mg/L, and DO improved from 5.2 mg/L to 5.90 mg/L. Thus, although turbidity deteriorated during the second round, several organic-pollution indicators improved.
101. At NATI Narsingdi, groundwater TDS decreased substantially from the 220 mg/L baseline to 72 mg/L in April and 75 mg/L in June 2026, while turbidity remained relatively stable at 2.7–2.9 NTU. DO improved from 5.8 mg/L in April to 6.2 mg/L in June. TSS, BOD and COD showed relatively small increases between the first and second monitoring rounds and therefore require continued observation, although the overall groundwater condition did not show a marked deteriorating trend.
102. At the KWT Student Dormitory, groundwater BOD decreased from 5 mg/L in May to 0.11 mg/L in June, COD decreased from 12 mg/L to 4 mg/L, and total nitrogen decreased from 2.6 mg/L to 0.42 mg/L, indicating improvement in several parameters. However, DO decreased from 5.9 mg/L at baseline to 5.20 mg/L in June, and iron increased from the 0.07 mg/L baseline to 0.21 mg/L, although it remained within the stated Bangladesh standard range.
103. At the KWT Academic Building, groundwater TDS remained relatively stable at 220 mg/L baseline, 240 mg/L in May and 230 mg/L in June. Turbidity increased modestly from 0.46 NTU in May to 1.6 NTU in June, but remained below the stated WHO reference value. BOD decreased from 2 mg/L in May to 0.12 mg/L in June, while COD remained at 8 mg/L in both rounds. DO decreased from 6.0 mg/L in May to 5.1 mg/L in June, indicating that this parameter should continue to be monitored.
104. At Sylhet TTC, comparison between December 2025 and June 2026 indicates improvement in TDS from 322 mg/L to 100 mg/L and pH remained within the applicable range; however, iron increased from 0.63 mg/L to 3.12 mg/L, while June turbidity was 9.3 NTU. Because only semi-annual monitoring results are available, these parameters should be closely compared with the subsequent monitoring round to determine whether the observed increase represents a persistent trend or a temporary/localized condition.

Noise Level

105. Noise trends were generally stable or improving. At STTL Chattogram and NATI Narsingdi, daytime and nighttime Leq values remained within the applicable limits during the monitoring rounds. At the KWT Student Dormitory, baseline daytime Leq values at the two monitoring locations were 48.81 and 47.26 dBA. These increased to 51.36 and 52.64 dBA during the first monitoring round in May 2026, but subsequently decreased to 44.91 and 46.28 dBA in June 2026. This indicates a temporary increase during construction followed by improvement to below both the first-round and baseline levels.

106. Similarly, at the KWT Academic Building, daytime values of 51.60 and 52.03 dBA during the first round decreased to 46.81 and 47.73 dBA during the second round, demonstrating improvement following continued implementation of noise-control measures. At Sylhet TTC, the June 2026 daytime and nighttime Leq values of 43.77 and 36.73 dBA remained within the applicable standards.

107. EWU EDC. Baseline environmental quality monitoring covering ambient air, noise, surface water and groundwater was conducted on 4 April 2026, prior to commencement of construction. Since construction commenced on 10 June 2026, comparable first- and second-round construction-phase monitoring data were not available within the January–June 2026 reporting period. Accordingly, the April 2026 results will serve as the baseline against which subsequent construction-phase monitoring results will be compared.

108. Khulna TTC. A trend comparison of instrumental environmental quality monitoring is not applicable for the reporting period because comprehensive air, noise, surface-water and groundwater monitoring was not undertaken for this small-scale package. Environmental performance was managed through implementation of the ECoP and routine site supervision.

Overall Trend Assessment

109. Overall, comparison of the available baseline, previous-semester and January–June 2026 monitoring results indicates that ambient air quality remained generally stable and within applicable standards, while noise conditions generally improved during the second monitoring round, particularly at the two KWT sites. Water-quality trends were more variable. The most notable deteriorating trend was observed in surface-water DO, TSS and turbidity at the KWT Academic Building, while localized groundwater variations were observed at STTL, NATI, KWT Dormitory, KWT Academic Building and Sylhet TTC. These variations do not indicate uniform deterioration across the SICIP construction sites; however, parameters showing exceedance or a deteriorating trend will continue to be monitored and addressed through the corrective measures identified in the SEMR and CAP.

1.18 Waste Management Performance

110. Waste management performance at the active SICIP construction subprojects was reviewed during the January–June 2026 reporting period to assess implementation of the waste management provisions contained in the respective EMPs and CEMPs. The review covered measurable information on construction and domestic waste generation, segregation, temporary storage, on-site reuse, recycling or sale, and final disposal arrangements. Particular attention was also given to used paint and chemical containers and other potentially contaminated waste streams, where generated.

111. Waste management activities were implemented by the respective Contractors under the supervision of the Site Engineers and Environmental, Health and Safety Officers (EHSOs). Construction wastes were generally segregated according to waste type and temporarily stored at designated locations within the construction sites. Reusable and recyclable materials, particularly concrete debris and steel/rebar scrap, were separated from general waste and reused on site, recycled, or sold where feasible. Domestic and food wastes were collected separately in designated bins and subsequently transferred to the respective municipal or city corporation disposal facilities. The package-wise waste management information for the six active construction subprojects is summarized in Table 1-27.

Table 1-27: Package-wise Waste Management Performance during January–June 2026

Subproject	Construction Waste Generated	Reuse / Recycling	Domestic / Food Waste	Paint / Chemical Containers	Used Oil / Lubricant	Temporary Storage and Final Disposal Arrangement
STTL Chattogram	Concrete debris: 6.2 t; Steel/rebar scrap: 12 t	Steel/rebar: 5 t reused and 7 t recycled/sold	2,200 kg	460 nos.	None generated	Construction waste segregated manually and stored at designated locations. Domestic waste collected in separate bins and transferred to Hali Shahar Ananda Bazar landfill/dumping station approximately once every two days.
NATI Narsingdi	Concrete debris: 2 t; Steel/rebar scrap: 8 t	Concrete: 1 t reused; Steel/rebar: 5 t reused and 3 t recycled/sold	1,500 kg	10 nos.	Not generated/reported	Concrete debris and steel scrap stored separately in designated areas. Domestic waste collected in separate bins and transferred to Narsingdi Municipality dumping station approximately once every two days.

Subproject	Construction Waste Generated	Reuse / Recycling	Domestic / Food Waste	Paint / Chemical Containers	Used Oil / Lubricant	Temporary Storage and Final Disposal Arrangement
						Used paint/chemical containers stored under a protected shed for reuse, where suitable.
KWT Student Dormitory	Concrete debris: 3 t; Steel/rebar scrap: 16 t	Concrete debris reused; Steel/rebar: 5 t reused and 11 t recycled/sold	4,000 kg	85 nos.	Not generated/reported	Construction wastes stored at designated locations. Domestic waste collected separately and transferred to Mirzapur Municipality dumping station approximately once every two days. Paint/chemical containers stored under a protected shed and reused where practicable.
Sylhet TTC	Concrete debris: 0 t; Steel/rebar scrap: 4 t	Steel/rebar scrap: 4 t recycled/sold	1,800 kg	None reported	None generated	Construction waste segregated and stored at designated locations. Domestic waste collected in separate bins

Subproject	Construction Waste Generated	Reuse / Recycling	Domestic / Food Waste	Paint / Chemical Containers	Used Oil / Lubricant	Temporary Storage and Final Disposal Arrangement
						and transferred daily to the City Corporation dumping site.
KWT Academic Building	Concrete debris: 9 t; Steel/rebar scrap: 20 t	Concrete debris reused; Steel/rebar: 7 t reused and 13 t recycled/sold	3,600 kg	148 nos.	Not generated/reported	Construction waste stored at designated locations. Domestic waste collected in separate bins and transferred to Mirzapur Municipality dumping station approximately once every two days. Used paint/chemical containers were retained for reuse in construction where practicable.
EWU	Concrete/brick debris: 3.5 t; Steel/rebar scrap: 1 t	Concrete/brick debris recycled; steel/rebar scrap retained for subsequent sale/recycling	230 kg	None reported	Not generated/reported	Construction waste stored at designated locations. Domestic waste collected in separate bins and transferred daily to the

Subproject	Construction Waste Generated	Reuse / Recycling	Domestic / Food Waste	Paint / Chemical Containers	Used Oil / Lubricant	Temporary Storage and Final Disposal Arrangement
						City Corporation dumping station.

112. The package-wise records indicate that construction waste was predominantly managed through segregation, temporary storage, reuse, and recycling, rather than direct disposal. At STTL Chattogram, 12 t of steel/rebar scrap was reported, comprising 5 t reused and 7 t recycled/sold, while 2,200 kg of domestic/food waste was collected separately and transferred to the designated landfill/dumping facility. NATI similarly reported 8 t of steel/rebar scrap, of which 5 t was reused and 3 t recycled/sold, together with 1,500 kg of domestic/food waste managed through separate collection and municipal disposal.

113. At the KWT Student Dormitory, 16 t of steel/rebar scrap was reported, comprising 5 t reused and 11 t recycled/sold. Domestic waste was collected in separate bins and transferred to the Mirzapur Municipality dumping station, while used paint/chemical containers were stored under a protected shed and reused in construction where suitable. At the KWT Academic Building, the package-wise information reported 20 t of steel/rebar scrap, of which 7 t was reused and 13 t recycled/sold, together with 3,600 kg of domestic/food waste and 148 used paint/chemical containers.

114. At Sylhet TTC, 4 t of steel/rebar scrap was reported and recycled/sold, while 1,800 kg of domestic/food waste was collected separately and transferred to the City Corporation dumping site. At EWU, 3.5 t of concrete/brick debris and 1 t of steel/rebar scrap were reported, while 230 kg of domestic/food waste was collected in separate bins and transferred to the City Corporation dumping station.

Management of Potentially Hazardous and Contaminated Waste

115. No used oil/lubricant was generated at **STTL Chattogram or Sylhet TTC** during the January–June 2026 reporting period. The submitted data for NATI Narsingdi, KWT Student Dormitory, KWT Academic Building, and EWU also do not report generation of used oil/lubricant during the period. Accordingly, no disposal of used oil was required during the current reporting period.

116. Used paint and chemical containers were reported at several sites. STTL Chattogram reported 460 containers, NATI reported 10 containers, KWT Student Dormitory reported 85 containers, and KWT Academic Building reported 148 containers. At NATI and KWT Student Dormitory, such containers were stored under protected arrangements and reused in construction where suitable. No generation of oily rags/contaminated absorbents, batteries/e-waste, or similar hazardous waste streams was reported in the available package-wise records for the reporting period.

117. Where used oil, contaminated materials, batteries, chemical residues, or other hazardous wastes are generated during subsequent construction activities, the Contractors will be required to segregate such wastes from general construction waste; maintain them in clearly identified, covered and secure storage areas with appropriate secondary containment where necessary; maintain quantities and movement records; and transfer them only through an appropriate recycling or disposal route in accordance with applicable requirements.

Overall Waste Management Performance

118. Overall, the package-wise information indicates that waste management measures were being implemented at the six active SICIP construction subprojects during January–June 2026. Construction materials with reuse or recycling potential were generally segregated and retained for beneficial reuse, recycling, or sale. Domestic wastes were separately collected and transferred to municipal or city corporation disposal facilities. The reported reuse and recycling of concrete debris and steel/rebar scrap reduced the quantity of construction waste requiring final disposal.

119. However, waste management recordkeeping requires further strengthening. Although measurable waste-generation and management data have now been compiled, supporting documentation such as waste registers, disposal challans, recycler/vendor receipts, and waste handover records was not consistently reported in the submitted data. For example, the package-wise STTL records provide quantities, storage arrangements, and disposal/recycling information, while the supporting-record field is reported as N/A. Contractors should therefore maintain a standardized monthly waste register recording the waste type, quantity generated, quantity reused, quantity recycled/sold, quantity finally disposed, storage location, disposal/recycling destination, date and frequency of collection, and corresponding supporting evidence.

120. Photographs of waste segregation bins, designated temporary storage areas, and recyclable-waste collection arrangements should be included as **supporting evidence**, together with the quantitative records. Photographs alone should not be used as evidence of overall compliance with the Waste Management Plan. Photographs illustrating waste management practices at SICIP construction sites during January–June 2026 are presented in Annex 18, while the corresponding package-wise waste management data for January–June 2026 are provided in Annex 19.

1.19 Implementation arrangements

121. The Finance Division, Ministry of Finance (MoF), Government of Bangladesh, serves as both the Executing Agency and Implementing Agency for the Program. The Skills Development Coordination and Monitoring Unit (SDCMU), established under the Skills for Employment Investment Program (SEIP), continues to function as the program management unit responsible for facilitating, coordinating, supervising, and monitoring the overall implementation of SICIP. The SDCMU is headed by the Executive Program Director (EPD) and is staffed with professionals recruited competitively based on the required qualifications, technical expertise, and relevant experience. The National Program Director (NPD), Secretary of the Finance Division, provides overall policy guidance, oversees program financing, and facilitates the release of funds for implementation of the Results-Based Lending (RBL) Program. The SDCMU is responsible for coordinating program activities among relevant implementing partners,

monitoring implementation progress, and ensuring effective and timely delivery of the Program in accordance with the agreed requirements.

An inter-ministerial project steering committee (PSC), chaired by secretary of the Finance Division, includes selected senior officials from key ministries, institutions, and NSDA, with the EPD of the RBL program as the member-secretary. The PSC will provide overall policy advice and oversight, approve annual operation plans, review achievements against targets, and ensure compliance with fiduciary oversight arrangements.

The key implementing partner ministries include the Technical and Madrasah Education Division in the Ministry of Education; Bureau of Manpower, Employment and Training in the Ministry of Expatriates' Welfare and Overseas Employment; Ministry of Industries; and Ministry of Textiles and Jute. The Skills Development Implementation Committee (SDIC) headed by the EPD with representatives from all the public and private partner agencies will provide a common forum to discuss implementation issues and to make joint efforts to resolve problems emanating from implementation. If problems cannot be resolved at this level, these will be escalated to the PSC level for resolution.

The Project Implementation Unit (PIU), headed by a National Program Director (NPD), is established to coordinate policy issues and monitor implementing activities of the project.

Project management and coordination functions for the project are provided by the Skills Development Coordination and Monitoring Unit (SDCMU). SDCMU is also responsible for providing secretarial support to the PSC and ensuring overall coordination for implementation of the project. The SDCMU is headed by an Executive Program Director (EPD), supported by 4 Deputy Executive Program Directors and 10 Assistant Executive Program Directors.

Within the Skills Development Coordination and Monitoring Unit (SDCMU), the Deputy Executive Program Director (PM-2) serves as the focal person responsible for coordination, monitoring, and reporting of safeguard-related activities under SICIP. The Environmental Specialist is engaged intermittently to provide technical support and guidance on environmental safeguard compliance and monitoring activities.

The construction firms/Contractors are primarily responsible for implementing the Environmental Management Plans (EMPs) and associated environmental safeguard measures at the respective construction sites under the supervision and monitoring of the SDCMU, with technical guidance and support from the Environmental Specialist. To strengthen environmental, occupational health, and safety performance during construction, the Contractors have appointed dedicated Environment, Health and Safety (EHS) Officers at the active construction sites, including STTL Chattogram, Kumudini Student Dormitory at KWT, NATI Narsingdi, Sylhet TTC, and Kumudini Nursing Institute (Academic Building). The EHS Officers are responsible for day-to-day monitoring of EMP/CEMP implementation, OHS requirements, PPE compliance, waste management, pollution prevention and control, toolbox meetings, incident reporting, and other site-specific environmental and safety measures. They also maintain relevant monitoring records and coordinate with Site Engineers, Contractors, SDCMU, and the Environmental Specialist to identify and address environmental and OHS issues in a timely manner.

The detailed information is listed below:

SI	Designation	Email Address	Position	Contact no.
1.	Md Manjur Alam Prodhan Joint Secretary Deputy Executive Program Director (DEPD-2), SICIP	manjur@sicip.gov.bd	Convenor	+880255138753-5 or +8801332810882

Detailed information of Environmental Specialist is below:

SI	Name	Designation	Contact number	Email address
1	Dr. A H M Mojammal	Environmental Specialist	+8801758428271	mojammal.ahm@gmail.com

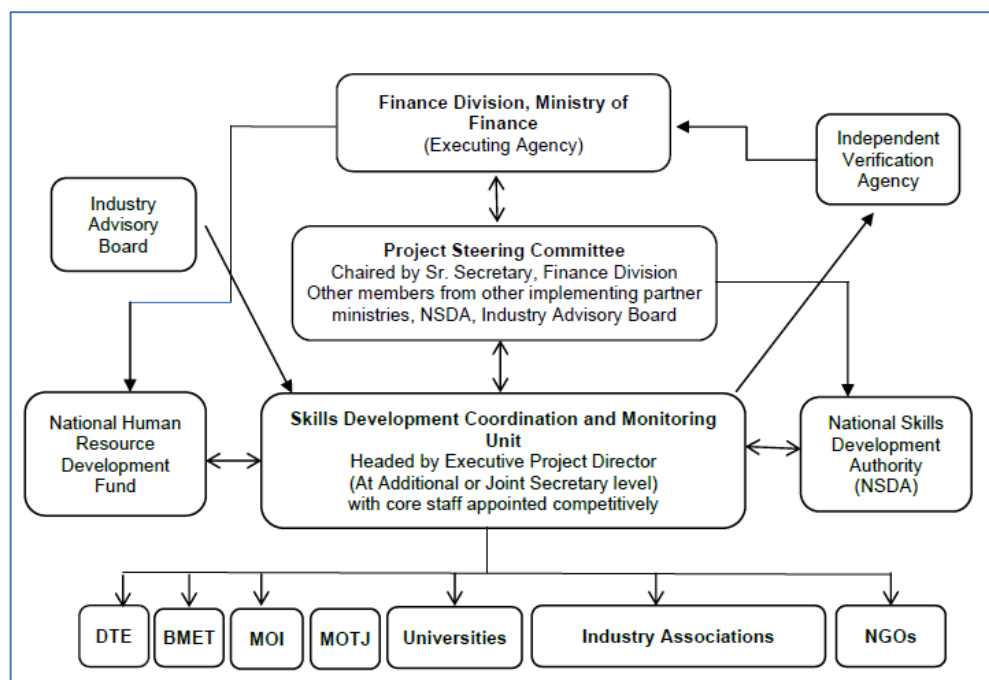
Detailed information on Environment, Health and Safety Managers is below:

Subproject	Name	Designation	Educational Qualification	Years of Experience	Contact Number	Email Address
Construction of Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)	MD Abir Hasan	Environment, Health & Safety Officer (EHSO)	B. Sc. In Civil Engineering Diploma in Civil Engineering	3.5	01734586025	abirhasanpranto5829@gmail.com
Establishment of a Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.	Shuvo Biswas	Environment, Health & Safety Officer (EHSO)	B.Sc. in Civil Engineering	9	01313450130	construction70@sheltechengineering.com.bd
Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail	Shuvo Biswas	Environment, Health & Safety Officer (EHSO)	B.Sc. in Civil Engineering	9	01313450130	construction70@sheltechengineering.com.bd
Renovation and Construction in Sylhet Technical Training Centre (STTC)	Md. Abir Ahmed	Environment, Health & Safety Officer (EHSM)	B.Sc. in Civil Engineering	4.5 years	01648650946	Abirahmed.tealbd@gmail.com

Renovation and Construction in Narsingdi Auto-tech Training Institute (NATI)	Asraful Alam	Environment, Health & Safety Officer (EHSO)	Diploma in Construction Tech	11	01762117473	Asrafulalam.ue@gmail.com
EDC Building at EWU	Not appointed during the reporting period	N/A	N/A	N/A	N/A	N/A
Khulna TTC	Not appointed during the reporting period	N/A	N/A	N/A	N/A	N/A

During the January–June 2026 reporting period, designated Environmental/EHS personnel had not been appointed for the EDC Building at EWU and Khulna TTC packages. Accordingly, the qualification, relevant experience, and contact details of Environmental/EHS personnel for these two packages were not available for reporting during this period. The Contractors will be required to appoint and mobilize appropriate Environmental/EHS personnel for the respective packages. Following their appointment and mobilization, the names, qualifications, relevant experience, mobilization dates, and contact details of the designated EHSOs will be reported in the subsequent SEMR.

The project operational organogram of SICIP is presented below.



2 ENVIRONMENTAL MONITORING

2.1 IEE, EARF & SEMP Compliances

122. In accordance with ADB's Safeguard Policy Statement (SPS), 2009, the SICIP program created an Environmental Assessment and Review Framework (EARF) for the whole program. The EARF has been disclosed on the SICIP website to ensure transparency and public access to the program's environmental safeguard framework. In line with the EARF, Initial Environmental Examination (IEE) reports have been prepared for the individual construction subprojects under the SICIP program to assess potential environmental impacts and identify appropriate mitigation and monitoring measures.
123. Initial Environmental Examination (IEE) reports for the Executive Development Centre (EDC) at East West University (EWU), Executive Development Centre (EDC) at Bangladesh University of Textiles (BUTEX), IBA Annex Building in Institute of Business Administration (IBA) at University of Dhaka, Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC), Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT) in Tangail, and Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi were prepared during the previous reporting period.
124. ADB completed the review of six IEE reports and provided comments for revision. In response to ADB's review comments, SICIP is currently updating the six IEE reports for resubmission.
125. The IEE for Sylhet Technical Training Centre (Sylhet TTC) was prepared separately in 2021. Among all the IEEs prepared under the program, the IEEs for Sylhet TTC and the Kumudini Student Dormitory (KWT-Dorm) have been approved by ADB. To date, only the approved IEE for Sylhet TTC has been disclosed on the ADB website.
126. Site-specific Construction Environmental Management Plans (CEMPs) have been prepared for the Smart Textile Technology Living Lab (STTL), Chattogram; Modern Well-Equipped Nursing and Caregiving Student Dormitory under Kumudini Welfare Trust (KWT), Tangail; Narsingdi Automotive Training Institute (NATI), Narsingdi; and Sylhet Technical Training Centre (TTC) subprojects. The CEMPs have been reviewed and approved by the Skills Development Coordination and Monitoring Unit (SDCMU) under SICIP, and the approved CEMPs have been shared with ADB for information.
127. The approved CEMP for the Kumudini Student Dormitory was initially referred to for the Kumudini Nursing Institute (Academic Building), considering that both subprojects are located within the same campus and involve broadly similar construction activities and methodologies. However, considering the package-specific requirements of the Academic Building, including the mitigation measures, environmental monitoring requirements, OHS provisions, waste management measures, and applicable regulatory requirements specified in its IEE/EMP, a separate package-specific CEMP for the KWT Academic Building is currently under preparation by the Contractor. Upon completion, the CEMP will be submitted to SDCMU for review and formal approval and subsequently shared with ADB. Until its approval, the KWT Student Dormitory CEMP will not be considered the approved CEMP for the Academic Building package.
128. The Contractor of EDC Building of EWU package has prepared a site-specific CEMP for the sub-project, which is currently under review by SDCMU. As construction activities commenced on 10 June 2026, the review and formal approval process will be expedited. Upon

approval, the Contractor will implement the approved CEMP throughout the construction period, and the approval status/date will be reported in the subsequent SEMR.

129. An Environmental Code of Practice (ECoP) has been prepared for the construction of the approach road, cafeteria, and other ancillary facilities at Khulna Technical Training Centre (TTC). In view of the relatively small scale and low environmental risk of these works, preparation of an ECoP was considered appropriate in lieu of a site-specific CEMP.

130. Frequent site visit and monitoring was conducted by the consultant for the construction sites. Table 2-1 shows consultant and other officials monitoring visit to sub-project sites during the reporting period.

Table 0-1: Itinerary of monitoring visits during January to June 2026

Package	Location of construction site	Date of inspection	Inspection conducted by
WD-102	STTL, Chattogram	15-02-2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir – Engineering Specialist
		08-04-2026	Mohammed Walid Hossain - Executive Program Director Maureen Karim - AEPD (PM-3) Ahammad Kabir – Engineering Specialist
		20-05-2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir – Engineering Specialist
WD-201	Kumudini Student Dormitory, Tangail	26/01/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist
		08/02/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist
		11/05/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist
WD-204	Kumudini Nursing Academic Building, Tangail	26/01/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist
		08/02/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist ,
		11/05/2026	Sohel Mahmud - AEPD (PM-7) Ahammad Kabir - Engineering Specialist
WD - 202	TTC, Sylhet	16/02/2026	Sohel Mahmud - AEPD (PM-7) Ahammad kabir - Engineering Specialist Md. Badruzzaman - Engineering Specialist AHM Mojammal - Environmental Specialist
		20/04/2026	MD. Badruzzaman- Engineering specialist MD.Ododour Rahman - Site engineer (Electrical)
		12/05/2026	Mohammed Walid Hossain - Additional Secretary (EPD) Myenul Hasan - Joint Secretary, DEPD (PM) MD.Badruzzaman - Engineering Specialist
		26/06/2026	Md.Manjurul Alam Prodhon - DEPD and KOICA Team
WD - 101	NATI, Narsingdi	26/04/2026	Mohammed Walid Hossain - Additional Secretary (EPD) Sohel Mahmud - AEPD (PM-7) Md. Badruzzaman - Engineering specialist Ahammad Kabir – Engineering Specialist

WD-203	TTC, Khulna	25/06/2026	Md. Badruzzaman - Engineering specialist AHM Mojammal - Environmental Specialist
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During the January–June 2026 reporting period, the Environmental Specialist directly participated in site inspections of Sylhet TTC and Khulna TTC. The limited package-wise inspection coverage by the Environmental Specialist was partly associated with the administrative procedure followed by SICIP, under which prior written approval from the competent/higher authority is required before undertaking official visits to construction sites to ensure transparency and appropriate authorization of site visits. Nevertheless, environmental safeguard supervision at the active construction sites continued through the respective site-level personnel and project supervision arrangements. Recognizing the need for more frequent direct oversight by the Environmental Specialist, SICIP has approved increased frequency of site visits to the active construction packages for the subsequent reporting period. Accordingly, the Environmental Specialist will undertake more frequent and systematic package-wise inspections to verify implementation of the EMP/CEMP/ECOP, identify environmental safeguard issues, recommend corrective measures, and follow up on their implementation. The inspection findings, corrective actions, and follow-up status will be documented and reported in the subsequent SEMR.

2.2 Status Monitoring parameters/Plan

131. During the reporting period, no significant environmental issues or non-compliances were observed at the project sites. Construction activities remained within the approved scope of work, and no major activities with the potential to cause significant environmental impacts—such as tree felling or other extensive site clearance works—were undertaken. Consequently, the existing environmental conditions at the construction sites and their surrounding areas remained largely unchanged, and no adverse environmental degradation attributable to the project was observed.

Table 0-2: Monitoring Status during the reporting period January - June 2026

(a) Monitoring Status at STTL Chattogram during the reporting period January - June 2026.

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
1. IEE and EMP Update	IEE and EMP review	The IEE and EMP were under review to verify continued applicability and incorporate project-specific revisions and ADB comments where necessary.	During this reporting period	The IEE/EMP review and updating process continued during the reporting period. Environmental mitigation and monitoring requirements continued to be implemented at	Partially Complied

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
				site; however, finalization of the updated IEE remained outstanding.	
2. CEMP Verification	CEMP review and approval	The Contractor's CEMP was reviewed by the PIU and Environmental Specialist to verify consistency with the approved EMP, EMoP and contractual environmental requirements. The CEMP was approved by SDCMU and shared with ADB.	During this reporting period	The approved CEMP includes site-specific mitigation measures, environmental monitoring, reporting procedures, emergency preparedness and occupational health and safety requirements.	Completed
3. Labor	Local labour recruitment and worker welfare	Recruitment records, worker welfare facilities and labour management practices were reviewed through routine site inspections during the reporting period.	Monthly	Priority was given to recruiting local workers where feasible. Worker welfare facilities complied with labour requirements and no labour-related grievances were reported.	Completed
4. Materials Sourcing	Approved material sourcing	Procurement records, supplier documentation and BSTI certifications were verified during procurement and material delivery activities.	As required	Construction materials were procured from approved suppliers with valid certifications. No materials were sourced from unauthorized or environmentally unacceptable	Completed

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
				suppliers.	
5. Surface Water	Erosion and sediment control measures	Site-level erosion/runoff controls were monitored. Surface water quality was tested on 29 April and 16 June 2026 .	Monthly site inspection ; Quarterly monitoring	Two rounds of surface-water monitoring were completed. No significant construction-related deterioration of surface water quality at STTL was identified in the SEMR. Erosion/sediment-control measures were maintained during construction.	Complied
	Worker sanitation and wastewater management	Worker sanitation and wastewater-management arrangements were monitored during site supervision.	Once before construction and monthly thereafter	Sanitation facilities remained operational. No untreated wastewater discharge was reported/observed in the available site records during the reporting period.	Complied
6. Surface Water, Groundwater & Soils	Spill prevention and fuel management	Equipment condition, fuel/storage arrangements and spill-prevention measures were monitored during site supervision	Monthly during construction	No significant fuel/oil spill was reported during January–June 2026. No used oil was generated at STTL during the reporting period, according to the package waste records.	Complied

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
7. Air Quality	Dust suppression and material covering	Dust-control measures were monitored through site supervision. Ambient air quality was monitored on 29–30 April and 15–16 June 2026.	Weekly observation; Quarterly monitoring	Water spraying, covering of stockpiles/materials and other dust-control practices were implemented. Two monitoring rounds covering PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ and CO were completed. All reported values were within the applicable Bangladesh standards, and concentrations generally decreased between the first and second rounds.	Complied
	Equipment emission control	Construction equipment/vehicles were monitored during site supervision. Ambient air monitoring provided additional evidence of site air-quality conditions.	Weekly observation	No excessive visible exhaust emissions were reported during site supervision. Ambient air-quality monitoring during both rounds remained within applicable standards.	Complied
8. Acoustic Environment	Noise management	Noise-control practices were monitored during construction. Noise monitoring was conducted on 29–30 April and 15–16 June 2026 at two	Weekly observation; quarterly monitoring	Construction activities were generally restricted to daytime hours. Noise monitoring results at STTL remained within	Complied

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
		locations during each round.		the applicable limits during both monitoring rounds, and no significant noise complaint was reported.	
9. Grievance Redress Mechanism	Operation of project and workers' GRM	GRM arrangements, complaint box, grievance records and worker/community awareness arrangements were maintained and reviewed. GRM orientation for workers was conducted on 19 June 2026 .	Monthly/continuous	GRM remained operational. Complaint box and grievance information were maintained at the site. No unresolved environmental/community grievance was reported during the reporting period. Supporting GRM records/signboard photographs should be cross-referenced to the relevant Annex.	Complied
10. Public Safety	Site safety and traffic management	Site fencing, warning signs, access control and traffic management measures were inspected during routine site visits.	Weekly during construction	Construction areas remained adequately secured with effective traffic management and no public safety incidents were reported.	Complied
11. Public Safety	Labour camp management	Labour camp facilities, security arrangements and worker conduct were inspected throughout the	Monthly during construction	Labour camp management remained satisfactory. Worker conduct complied with the Contractor's Code	Complied

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
		reporting period.		of Conduct and no community complaints were received.	
12. Public Safety	Worker code of conduct	Worker awareness programmes and Code of Conduct implementation were monitored during routine inspections.	Monthly during construction	Regular awareness programmes were conducted. No incidents of worker misconduct or community conflict were reported.	Complied
13. Public Health	Worker sanitation and hygiene	Worker sanitation facilities, camp hygiene and health awareness activities were monitored throughout the reporting period.	Once before construction and monthly thereafter	Sanitation facilities remained functional and hygienic. No public health issues associated with construction activities were identified.	Complied
14. Worker Health & Safety	Occupational health and safety	OHS supervision, PPE checks, toolbox meetings and training were undertaken. STTL conducted documented training/awareness sessions on 2 May, 18 May, 31 May, 3 June, 11 June and 19 June 2026.	Weekly during construction	PPE and other OHS measures were implemented. No fatality or LTI was recorded at STTL. Four first-aid cases and one near-miss were recorded during the reporting period. Training records and attendance sheets provide supporting evidence of OHS capacity-building	Complied, with continued monitoring required

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
				activities.	
	Labour camp safety	Labour camp/welfare, sanitation and emergency arrangements were monitored. Groundwater quality was tested on 29 April and 16 June 2026.	Monthly inspection ; Quarterly water quality monitoring	Groundwater monitoring was completed in two rounds. Most parameters were generally acceptable; however, turbidity increased to 6.1 NTU in June 2026, slightly above the stated WHO reference value of ≤ 5 NTU. Continued monitoring of turbidity is required.	Partially Complied / Follow-up Required
15. Worker Health	Worker welfare and hygiene	Worker accommodation/welfare facilities, potable-water arrangements, sanitation and OHS provisions were monitored.	Weekly during construction	Worker welfare, sanitation and hygiene arrangements were maintained during the reporting period. Groundwater quality was monitored twice; the June turbidity result requires continued follow-up as noted above.	Complied, with follow-up monitoring
16. Livelihoods	Community livelihood protection	Construction activities and stakeholder/community interactions were monitored for potential livelihood impacts.	During construction / as required	Construction remained within the institutional/campus area, and no adverse livelihood impact attributable to STTL	Complied

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
				construction was reported during January–June 2026.	
17. Demolition Waste	Demolition waste management	Site preparation/demolition-related waste-management practices were monitored.	Before and during site clearing	No asbestos-containing materials were encountered. Reusable and recyclable materials were managed in accordance with the approved Waste Management Plan.	Complied
18. Construction Waste	Construction waste management	Construction and domestic waste generation, segregation, reuse/recycling and disposal were monitored and recorded.	Monthly/continuous	During Jan–Jun 2026, STTL recorded approximately 6.2 t concrete waste; 12 t steel waste, of which 5 t was reused and 7 t recycled/sold; 2,200 kg domestic waste; and 460 empty containers. Domestic waste was removed to Hali Shahar Ananda Bazar approximately every two days.	Complied
19. Waste Oils	Waste oil management	Generation of used/waste oil was checked through the package waste records and site monitoring.	Monthly during construction	No used oil was generated at STTL during January–June 2026. Therefore, off-site disposal/recycling	Complied/ No waste oil generated

Parameter	Monitoring Activity (as per EMP/IEE)	Monitoring Conducted During Jan–June 2026	Frequency / Period	Findings / Results	Compliance Status
				of waste oil was not required during the reporting period.	

(b) Monitoring Status at NATI, Narsingdi during the reporting period January - June 2026

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
1. IEE and EMP Update	Review and update of IEE/EMP following ADB comments	The IEE/EMP was reviewed following ADB comments, and necessary revisions were initiated to incorporate the comments and confirm the continued applicability of mitigation and monitoring requirements.	During reporting period	Revision of the IEE/EMP remained under progress during the reporting period. Environmental mitigation and monitoring requirements continued to be implemented; however, finalization of the revised IEE remained outstanding.	Partially Complied
2. CEMP Verification	Review and approval of Contractor's CEMP	The Contractor's site-specific CEMP was prepared, reviewed and approved by SDCMU and shared with ADB.	Once before commencement of construction	Approved CEMP is available and provides site-specific environmental mitigation, monitoring, reporting, OHS, waste management and emergency-response	Complied

				requirements. Implementation was monitored during construction.	
3. Surface Water	Erosion and sediment control measures	Erosion/runoff and sediment-control measures were monitored through routine site supervision. Surface-water quality was monitored on 13 April and 20 June 2026.	Monthly inspection; quarterly monitoring	Two rounds of surface-water monitoring were completed during the reporting period. No significant construction-related deterioration of surface-water quality at NATI was identified in the SEMR. Erosion and sediment-control measures were maintained during construction.	Complied
4. Surface Water, Groundwater and Soil	Equipment maintenance, spill prevention and fuel-storage management	Equipment condition, fuel-storage arrangements and spill-prevention measures were monitored during routine site supervision.	Monthly during construction	Equipment and fuel-storage arrangements were maintained, and no significant fuel/oil spill was reported during the reporting period. Spill-prevention measures were maintained at relevant work/storage areas.	Complied
5. Surface Water	Worker sanitation and wastewater management	Worker sanitation facilities and wastewater-management arrangements were monitored during routine site supervision.	Once at commencement and monthly thereafter	Toilet and sanitation facilities were maintained. No untreated wastewater discharge was reported/observed in the available site records during	Complied

				the reporting period.	
6. Air Quality	Dust suppression and control measures	Dust-control measures were monitored through routine site supervision. Ambient air quality was monitored on 13–14 April and 20–21 June 2026.	Weekly observation; quarterly monitoring	Water spraying, stockpile/material covering and other dust-control measures were implemented. Two rounds covering PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ and CO were completed, and all reported values remained within the applicable standards during both monitoring rounds.	Complied
7. Air Quality	Equipment-emission management	Construction equipment and vehicles were monitored during routine supervision. Ambient air monitoring provided additional evidence of overall site air-quality conditions.	Weekly observation	No excessive visible smoke/exhaust emission was reported during site supervision. Ambient air-quality results remained within applicable standards during both monitoring rounds.	Complied
8. Acoustic Environment	Noise and vibration management	Noise-control practices were monitored through routine site supervision. Noise monitoring was conducted on 13 April and 20 June 2026 at four locations during each round.	Weekly observation; quarterly monitoring	Construction activities were generally undertaken during daytime hours and equipment maintenance was maintained. Daytime and nighttime Leq values at NATI remained within the applicable limits during the monitoring rounds. No significant	Complied

				community noise complaint was reported.	
9. Public Safety	Site security, traffic and public-access management	Site fencing/barricading, warning signage, access control and traffic-management measures were monitored during site supervision.	Weekly during construction	The construction area remained demarcated and access controlled within the NPI campus. Traffic/public-safety measures were maintained, and no public-safety incident was reported during the reporting period.	Complied
10. Public Safety	Worker conduct and labour-camp management	Labour-camp arrangements and worker conduct were monitored during routine site supervision.	Monthly during construction	Labour-camp and worker-management measures were maintained. No significant complaint concerning worker conduct or community safety was officially recorded during the reporting period.	Complied
11. Public Health	Sanitation and camp-hygiene management	Worker sanitation, hygiene and welfare facilities were monitored during site supervision.	Once at commencement and monthly thereafter	Sanitation and hygiene facilities remained functional. No construction-related public-health incident was reported during January–June 2026.	Complied
12. Worker Health & Safety	Occupational health and safety implementation	OHS supervision, PPE checks, toolbox meetings and training/awareness	Weekly / continuous	PPE and other OHS measures were implemented. No fatality or LTI was recorded at	Complied, with continued monitoring

	n	s activities were undertaken. Documented NATI sessions were held on 3 January, 4 February, 16 March, 28 April and 21 May 2026, including worker GRM orientation recorded on 21 May 2026.		NATI. Three first-aid cases and no near-miss were recorded during the reporting period. Training/attendance records provide supporting evidence of worker OHS and environmental awareness activities.	required
13. Worker Health	Worker hygiene and communicable-disease prevention	Hygiene facilities, potable-water arrangements and worker-welfare conditions were monitored during site supervision.	Weekly during construction	Handwashing, drinking-water and sanitation arrangements were maintained during the reporting period. No significant worker-health issue associated with site hygiene was reported.	Complied
14. Worker Health & Safety	Construction-camp safety and living conditions	Labour-camp safety, welfare and sanitation arrangements were monitored. Groundwater quality was tested on 13 April and 20 June 2026.	Monthly inspection; quarterly water-quality monitoring	Two rounds of groundwater monitoring were completed. The SEMR indicates that pH and TDS remained within applicable Bangladesh standards, arsenic remained within the standard, and total coliform was not detected at the monitored sites, including NATI. No significant camp-related health or safety issue was reported.	Complied

15. Demolition Waste	Management of demolition materials	Demolition/site-preparation waste-management practices were monitored during site preparation and construction.	Before and during site clearing	No asbestos-containing material was reported as encountered. Reusable/recyclable materials were managed through the site's waste-management arrangements.	Complied
16. Construction Waste	Waste segregation, collection and disposal	Construction and domestic waste generation, segregation, reuse/recycling and disposal practices were monitored and recorded.	Monthly / continuous	During Jan–Jun 2026, approximately 2 t concrete waste was generated, of which 1 t was reused; approximately 8 t steel waste was generated, of which 5 t was reused and 3 t recycled. Approximately 1,500 kg domestic waste and 10 empty containers were recorded. Domestic waste was collected/disposed of through Narsingdi Municipality approximately every two days.	Complied
17. Waste Oils	Storage and disposal of used oils and lubricants	Generation of used/waste oil was checked through site monitoring and the available package waste records.	Monthly	No used oil was generated at NATI during January–June 2026. Therefore, off-site disposal or recycling of waste oil was not required during the reporting period.	Complied / No waste oil generated

(c) Monitoring Status at Student Dormitory Building at KWT during the reporting period January - June 2026

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
1. CEMP Verification	CEMP review and approval	The Contractor's site-specific CEMP was prepared, reviewed and approved by SDCMU and shared with ADB. Implementation was monitored during construction.	During reporting period	Approved CEMP is available and includes site-specific environmental mitigation, monitoring, reporting, OHS, waste management and emergency-response requirements.	Complied
2. Labor	Local labour and worker welfare	Recruitment arrangements and worker-welfare facilities were reviewed through routine site supervision.	Monthly	Local workers were prioritized where feasible. Worker welfare facilities were maintained, and no labour-related grievance was officially recorded during the reporting period.	Complied
3. Materials Sourcing	Approved material sourcing	Supplier documentation and relevant certifications were reviewed during procurement and material delivery, as applicable.	As required	Construction materials were reported to have been procured from approved suppliers, with relevant supplier/material documentation maintained for verification.	Complied
4. Surface Water	Erosion and sediment control	Erosion/runoff controls were monitored through routine supervision. Surface-water quality was monitored on 28 April and 18 June	Monthly inspection; quarterly monitoring	Two rounds of surface-water monitoring were completed. No significant construction-related deterioration of surface-water quality at the Dormitory site	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		2026.		was identified. Erosion and sediment-control measures were maintained during construction.	
5. Surface Water, Groundwater and Soils	Spill prevention and fuel management	Equipment condition, fuel storage and spill-prevention measures were monitored during routine site inspections.	Monthly during construction	No significant fuel/oil spill was reported during January–June 2026. Fuel-storage and spill-prevention arrangements were maintained at relevant work areas.	Complied
6. Surface Water	Worker sanitation and wastewater management	Worker sanitation and wastewater-management arrangements were monitored during routine supervision.	Once at commencement and monthly thereafter	Sanitation facilities remained operational. No untreated wastewater discharge was reported/observed in the available site records during the reporting period.	Complied
7. Air Quality	Dust suppression	Dust-control measures were monitored through routine site supervision. Ambient air quality was monitored on 13–14 May and 17–18 June 2026.	Weekly observation; quarterly monitoring	Water spraying, material/stockpile covering and other dust-control measures were implemented. Two rounds covering PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ and CO were completed, and all reported concentrations remained within the applicable standards.	Complied
8. Air Quality	Equipment emission control	Construction equipment and vehicle emissions were monitored during routine site	Weekly	Equipment was maintained in operating condition, and no excessive visible smoke/exhaust emission was	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		supervision.		reported. Ambient air monitoring results also remained within applicable standards.	
9. Acoustic Environment	Noise management	Noise-control practices were monitored through routine supervision. Noise monitoring was conducted on 13–14 May and 17–18 June 2026 at two locations during each round.	Weekly observation; quarterly monitoring	During the first monitoring round, daytime Leq values of 51.36 and 52.64 dBA slightly exceeded the Bangladesh silent-area limit of 50 dBA. During the June round, the values decreased to 44.91 and 46.28 dBA, within the applicable limit. Continued restriction of high-noise activities to daytime hours and equipment maintenance is required.	Partially Complied – improved during follow-up monitoring
10. Grievance Redress Mechanism	GRM operation	GRM arrangements, complaint box, grievance records and awareness activities were maintained and reviewed. Worker GRM orientation was conducted on 21 June 2026.	Monthly / continuous	GRM remained operational, and grievance information/contact arrangements were maintained at the site. No unresolved environmental/community grievance was officially recorded during the reporting period. Supporting signboard/GRM photographs and records should be cross-referenced to the relevant Annex.	Complied
11. Public Safety	Site safety and traffic management	Fencing/barricading, warning signs, access control and	Weekly	Construction works were undertaken within the KWT	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
	nt	traffic-management arrangements were monitored during routine site supervision.		institutional campus with controlled access to the construction area. No public-safety incident was reported during the reporting period.	
12. Public Safety	Labour-camp management	Labour-camp facilities, security arrangements and worker conduct were monitored during routine site supervision.	Monthly	Labour-camp and worker-management arrangements were maintained. No significant community complaint related to labour-camp operation was officially recorded.	Complied
13. Public Safety	Worker Code of Conduct	Worker awareness and implementation of the Contractor's Code of Conduct were monitored during site supervision and training activities.	Monthly	No worker-misconduct or worker-community conflict was officially reported during the reporting period. Worker awareness was reinforced through toolbox and training activities.	Complied
14. Public Health	Worker sanitation and hygiene	Sanitation, hygiene and worker-welfare facilities were monitored during routine inspections.	Once at commencement and monthly thereafter	Worker sanitation and hygiene facilities remained functional. No construction-related public-health incident was reported during January–June 2026.	Complied
15. Worker Health & Safety	Occupational health and safety	OHS supervision, PPE checks, toolbox meetings and training were undertaken. Documented KWT Dormitory sessions were held on 20	Weekly / continuous	PPE and other OHS measures were implemented. No fatality or LTI was recorded. Four first-aid cases and no near-miss were recorded at the KWT	Complied, with continued monitoring required

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		January, 12 February, 17 February, 7 April, 10 June and 21 June 2026.		Dormitory during the reporting period. Training attendance and photographs provide supporting evidence.	
16. Worker Health	Worker welfare and hygiene	Worker welfare facilities, potable water, sanitation and hygiene arrangements were monitored through routine site supervision.	Weekly	Potable-water, sanitation and hygiene arrangements were maintained throughout the reporting period. No significant worker-welfare issue was reported.	Complied
17. Worker Health & Safety	Labour-camp safety	Labour-camp welfare, sanitation and emergency arrangements were monitored. Groundwater quality was tested on 28 April and 18 June 2026.	Monthly inspection; quarterly water monitoring	Two rounds of groundwater monitoring were completed. The SEMR indicates generally acceptable groundwater conditions, with pH and TDS within applicable standards, arsenic within the Bangladesh standard, and total coliform not detected at the monitored sites. No significant camp-related health/safety issue was reported.	Complied
18. Livelihoods	Local employment and community access	Construction activities and community interaction were monitored for possible livelihood/access impacts.	Prior to new mobilization / during construction	Construction remained within the KWT campus and no adverse livelihood impact attributable to Dormitory construction was reported during January–June 2026. Local employment opportunities were	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
				provided where feasible.	
19. Demolition Waste	Demolition-waste management	Site-preparation/demolition-related waste-management practices were monitored during site preparation and construction.	Before and during site clearing	No asbestos-containing material was reported as encountered. Reusable/recyclable materials were recovered where feasible and managed through site waste-management arrangements.	Complied
20. Construction Waste	Construction-waste management	Construction and domestic waste generation, segregation, reuse/recycling and disposal were monitored and recorded.	Monthly / continuous	Approximately 3 t concrete waste was generated and reused. Approximately 16 t steel waste was generated, of which 5 t was reused and 11 t recycled/sold. Approximately 4,000 kg domestic waste and 85 empty containers were recorded. Domestic waste was removed to the designated disposal location in Mirzapur approximately every two days.	Complied
21. Waste Oils	Waste-oil management	Generation of used/waste oil was checked through site monitoring and available package waste records.	Monthly	No used oil was generated at the KWT Student Dormitory during January–June 2026. Therefore, off-site recycling/disposal of used oil was not required during the reporting period.	Complied / No waste oil generated

(d) Monitoring Status at Sylhet TTC during the reporting period January - June 2026

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
1. CEMP Verification	CEMP review and approval	The Contractor's site-specific CEMP was prepared, reviewed and approved by SDCMU and shared with ADB. Implementation was monitored during construction.	Once before / during construction	Approved CEMP is available and includes site-specific environmental mitigation, monitoring, reporting, OHS, waste-management and emergency-response requirements.	Complied
2. Labor	Local labour recruitment	Recruitment and worker-welfare arrangements were reviewed during routine site supervision.	Monthly	Local workers were prioritized where feasible. Worker-welfare arrangements were maintained, and no labour-related grievance was officially recorded during the reporting period.	Complied
3. Materials Sourcing	Approved material sourcing	Supplier documentation and relevant material certifications were reviewed during procurement/material delivery, as applicable.	As required	Construction materials were reported to have been procured from approved suppliers with relevant supplier/material documentation maintained for verification.	Complied
4. Surface Water	Erosion and sediment control	Erosion/runoff controls were monitored through routine supervision. Surface-water	Monthly inspection; semi-annual environmental monitoring	One contractual monitoring round was completed. pH, BOD ₅ and COD were generally within applicable standards;	Partially Complied – follow-up monitoring required

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		quality was monitored on 12 June 2026.		however, DO was 4.65 mg/L, TSS 78 mg/L and turbidity 81.2 NTU, indicating the need for continued monitoring of runoff and suspended solids, particularly during the monsoon period.	
5. Surface Water, Groundwater & Soils	Spill prevention and fuel management	Equipment condition, fuel-storage arrangements and spill-prevention measures were monitored during routine site supervision.	Monthly	No significant fuel/oil spill was reported during January–June 2026. Spill-prevention and fuel-management measures were maintained at relevant work/storage areas.	Complied
6. Surface Water	Worker sanitation	Worker sanitation and wastewater-management facilities were monitored during routine site supervision.	Monthly	Sanitation facilities remained operational. No untreated wastewater discharge was reported/observed in the available site records during the reporting period.	Complied
7. Air Quality	Dust suppression	Dust-control practices were monitored during routine supervision. Ambient air quality was monitored on 11–12 June 2026.	Weekly observation; semi-annual monitoring	Water spraying and other dust-control measures were implemented. The monitoring covered PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ and CO, and the reported concentrations remained within the applicable reference limits.	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
8. Air Quality	Equipment-emission control	Construction equipment and vehicle emissions were monitored during routine site supervision.	Weekly	No excessive visible smoke/exhaust emissions were reported. Ambient air-quality results also remained within applicable standards/reference limits.	Complied
9. Acoustic Environment	Noise management	Noise-control practices were monitored through routine supervision. Noise monitoring was conducted on 11 June 2026.	Weekly observation; semi-annual monitoring	Construction activities were generally restricted to daytime hours. Recorded daytime and nighttime Leq values were 43.77 dBA and 36.73 dBA, respectively, and remained within the applicable limits. No significant noise complaint was reported.	Complied
10. Grievance Redress Mechanism	GRM operation	GRM records, grievance arrangements, complaint channels and awareness activities were maintained and reviewed. Worker GRM orientation was conducted on 30 June 2026.	Monthly / continuous	GRM remained operational, and no unresolved environmental/community grievance was officially recorded during the reporting period. GRM signboard/contact-information photographs should be cross-referenced to the relevant Annex.	Complied
11. Soil	Soil protection and reinstatement	Disturbed areas, drainage and soil-protection measures were monitored through routine site	Weekly	No significant soil erosion or uncontrolled soil disposal was reported. Disturbed areas were managed	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		supervision.		progressively during construction.	
12. Public Safety	Site safety and traffic management	Fencing/barricading, signage, access-control and traffic-management arrangements were monitored.	Weekly	Construction activities were undertaken within the TTC campus with controlled access to the work area. No public-safety incident was reported during the reporting period.	Complied
13. Public Safety	Labour-camp management	Labour-camp facilities, security arrangements and worker conduct were monitored during routine supervision.	Monthly	Labour-camp arrangements remained satisfactory, and no significant community complaint associated with labour-camp operation was officially recorded.	Complied
14. Public Safety	Worker Code of Conduct	Worker awareness and implementation of the Contractor's Code of Conduct were monitored.	Monthly	No incident of worker misconduct or worker-community conflict was officially reported during January–June 2026.	Complied
15. Public Health	Worker sanitation and hygiene	Worker sanitation, hygiene and welfare facilities were monitored during routine site supervision.	Once at commencement and monthly thereafter	Sanitation and hygiene facilities remained functional. No construction-related public-health incident was reported during the reporting period.	Complied
16. Worker Health & Safety	Occupational health and safety	OHS supervision, PPE checks, toolbox meetings and documented	Weekly / continuous	PPE and other OHS measures were implemented. No fatality or LTI was	Complied, with continued monitoring

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		training/awareness activities were undertaken. Sylhet TTC training/awareness sessions were recorded on 18 February, 9 March, 13 June, 22 June and 30 June 2026, with an additional OHS-related session recorded on 18 February 2026.		recorded. Two first-aid cases and no near-miss were recorded during the reporting period. Continued PPE supervision and incident documentation are required.	required
17. Worker Health	Worker welfare and hygiene	Worker welfare, potable-water, sanitation and hygiene arrangements were monitored.	Weekly	Potable-water, sanitation and hygiene facilities were maintained during the reporting period. No significant worker-welfare issue was reported.	Complied
18. Worker Health & Safety	Labour-camp safety	Labour-camp welfare, sanitation and emergency arrangements were monitored. Groundwater quality was tested on 12 June 2026.	Monthly inspection; semi-annual water monitoring	Groundwater monitoring identified turbidity of 9.3 NTU and iron of 3.12 mg/L. Turbidity exceeded the stated WHO reference value of ≤ 5 NTU, while iron exceeded the Bangladesh standard range of 0.3–1.0 mg/L. Continued monitoring and assessment of the groundwater source are required.	Partially Complied – corrective/follow-up action required

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
19. Construction Waste	Construction-waste management	Construction and domestic waste segregation, reuse/recycling and disposal practices were monitored and recorded.	Monthly / continuous	Package waste records indicate approximately 4 t of steel waste, which was recycled/sold, and approximately 1,800 kg of domestic waste during January–June 2026. Domestic waste was collected/disposed of through the Sylhet City Corporation on a daily basis.	Complied
20. Waste Oils	Waste-oil management	Generation and handling of used/waste oil were checked through site monitoring and available waste records.	Monthly	No used oil was generated at Sylhet TTC during January–June 2026. Therefore, off-site recycling/disposal of waste oil was not required during the reporting period.	Complied / No waste oil generated

(e) Monitoring Status at Nursing Academic Building at KWT during the reporting period January - June 2026

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
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Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
1. IEE and EMP Update	IEE and EMP review/update	The IEE/EMP was reviewed during the reporting period to incorporate project-specific revisions and address ADB comments.	During reporting period	Updating/finalization of the IEE/EMP remained ongoing during the reporting period. Applicable mitigation and monitoring requirements continued to guide site-level environmental management.	Partially Complied – updating/finalization ongoing
2. CEMP Verification	Preparation, review and approval of package-specific CEMP	The KWT Dormitory CEMP was initially referred to because both packages are located within the same campus and involve broadly similar construction activities. However, a separate package-specific CEMP for the Academic Building is currently under preparation by the Contractor.	During reporting period	The separate CEMP will incorporate the Academic Building-specific IEE/EMP mitigation measures, environmental monitoring, OHS, waste management, emergency response and regulatory requirements. It will be submitted to SDCMU for review and formal approval and subsequently shared with ADB. Until approval, the Dormitory CEMP is not considered the approved CEMP for this package.	Partially Complied – separate CEMP under preparation
3. Environmental Clearance	SCC application and environmental-clearance	Application for SCC was submitted to DoE on 26 January	Once prior to / during construction	SCC issuance remained pending at the end of the reporting period.	Partially Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
(SCC/ECC)	process	2026. DoE subsequently requested additional information/supporting documents on 3 February 2026. SICIP/KWT continued follow-up with DoE.		Regulatory follow-up is required until the applicable clearance process is completed.	
4. Climate Change Mitigation	Climate mitigation/resource-efficiency measures	Relevant design provisions were reviewed for energy efficiency, resource conservation and climate-responsive measures.	During design / implementation	Climate-responsive and resource-efficiency measures are incorporated in the design, as applicable. Further implementation of landscaping, tree plantation, rainwater harvesting and/or renewable-energy measures should be tracked during subsequent implementation stages.	Complied / Continued implementation required
5. Labor	Local labour recruitment and worker welfare	Recruitment practices, welfare facilities and labour-management arrangements were monitored through routine site supervision.	Monthly	Local workers were recruited where feasible. Worker-welfare facilities were maintained, and no labour-related grievance was officially recorded during the reporting period.	Complied
6. Materials	Approved material	Procurement records, supplier	As required	Construction materials were	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
Sourcing	sourcing	documentation and relevant certifications were reviewed during procurement/material delivery, as applicable.		reported to have been procured from approved suppliers. Relevant supplier/material documentation was maintained for verification.	
7. Surface Water	Erosion and sediment control	Runoff, erosion and sediment-control measures were monitored. Surface-water quality was tested on 28 April and 18 June 2026.	Monthly inspection; quarterly monitoring	Two monitoring rounds were completed. In June 2026, DO was 4.10 mg/L, TSS 318 mg/L and turbidity 192 NTU, indicating elevated suspended solids/turbidity and reduced DO. Strengthened runoff and sediment controls and continued monitoring, particularly during the monsoon period, are required.	Partially Complied – corrective/follow-up action required
8. Surface Water, Groundwater and Soils	Spill prevention and fuel management	Equipment condition, fuel-storage arrangements and spill-prevention measures were monitored through routine site supervision.	Monthly	No significant fuel/oil spill was reported during January–June 2026. Spill-prevention arrangements were maintained at relevant work/storage areas.	Complied
9. Surface Water	Worker sanitation and wastewater	Worker sanitation and wastewater-management	Once at commencement and	Sanitation facilities remained operational. No	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
	management	arrangements were monitored during routine supervision.	monthly thereafter	untreated wastewater discharge was reported/observed in the available site records during the reporting period.	
10. Air Quality	Dust suppression	Dust-control measures were monitored through routine site supervision. Ambient air quality was monitored on 13–14 May and 17–18 June 2026.	Weekly observation; quarterly monitoring	Water spraying, stockpile/material covering and other dust-control measures were implemented. Two rounds covering PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ and CO were completed, and all reported concentrations remained within the applicable standards.	Complied
11. Air Quality	Equipment-emission control	Construction machinery and vehicle emissions were monitored through routine site supervision.	Weekly	No excessive visible exhaust/smoke emission was reported. Ambient air-quality monitoring also remained within applicable standards during both monitoring rounds.	Complied
12. Acoustic Environment	Noise management	Noise-control practices were monitored. Noise measurements were undertaken on 13–14 May and 17–18 June	Weekly observation; quarterly monitoring	First-round daytime Leq values of 51.60 and 52.03 dBA slightly exceeded the Bangladesh silent-area limit of 50 dBA. During the	Partially Complied – improved during follow-up monitoring

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		2026 at two locations during each round.		second round, values decreased to 46.81 and 47.73 dBA, within the applicable limit. Continued restriction of high-noise activities to daytime hours and equipment maintenance are required.	
13. Grievance Redress Mechanism	Operation of project and workers' GRM	GRM arrangements, complaint channels, grievance records and awareness activities were maintained and reviewed.	Monthly / continuous	Site-level GRM arrangements remained operational. No unresolved environmental/community grievance was officially recorded during the reporting period. GRM signboard/contact-information photographs and records should be cross-referenced to the relevant Annex.	Complied
14. Public Safety	Site safety and traffic management	Fencing/barricading, warning signs, access control and traffic-management arrangements were monitored during routine supervision.	Weekly	Construction works were undertaken within the KWT campus with controlled access to the construction area. No public-safety incident was reported during the reporting period.	Complied
15. Public	Labour-camp	Labour-camp security, worker	Monthly	Labour-camp arrangements	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
Safety	management	conduct and access-control arrangements were monitored.		remained satisfactory, and no significant community complaint related to worker conduct or camp operation was officially recorded.	
16. Public Safety	Worker Code of Conduct	Worker awareness and Code of Conduct implementation were monitored through routine supervision and training activities.	Monthly	No worker-misconduct or worker-community conflict was officially reported during January–June 2026.	Complied
17. Public Health	Worker sanitation and hygiene	Sanitation, hygiene and worker-health/welfare arrangements were monitored.	Once at commencement and monthly thereafter	Sanitation and hygiene facilities remained functional. No construction-related public-health incident was reported during the reporting period.	Complied
18. Worker Health & Safety	Occupational health and safety	OHS supervision, PPE checks, toolbox meetings and training/awareness activities were undertaken. Documented sessions were held on 6 January, 12 January, 19 February, 25 February, 15 April and 15 June	Weekly / continuous	PPE and other OHS measures were implemented. No fatality or LTI was recorded. Three first-aid cases and one near-miss were recorded during the reporting period. Continued supervision, incident documentation and preventive follow-	Complied, with continued monitoring required

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		2026.		up are required.	
19. Worker Health	Worker welfare and hygiene	Worker welfare, potable-water, sanitation and hygiene arrangements were monitored through routine supervision.	Weekly	Worker-welfare and hygiene facilities remained operational and satisfactory during the reporting period.	Complied
20. Worker Health & Safety	Labour-camp safety	Labour-camp welfare, sanitation and emergency arrangements were monitored. Groundwater quality was tested on 28 April and 18 June 2026.	Monthly inspection; quarterly water-quality monitoring	Two rounds of groundwater monitoring were completed. The SEMR indicates generally acceptable groundwater quality at the monitored KWT sites, with no major construction-related deterioration identified. Continued periodic monitoring is required under the EMoP.	Complied
21. Livelihoods	Local employment and community access	Construction activities and community interactions were monitored for potential livelihood/access impacts.	During construction / prior to new mobilization	Works remained within the existing KWT institutional premises. No adverse livelihood impact attributable to construct	
22. Demolition Waste	Demolition-waste management	Site-preparation/demolition-related waste-management	Before and during site clearing	No asbestos-containing material was reported as encountered. Reusable/recyclabl	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		practices were monitored.		e materials were recovered where feasible and managed through site waste-management arrangements.	
23. Construction Waste	Construction-waste management	Waste generation, segregation, reuse/recycling and disposal were monitored and recorded during the reporting period.	Monthly / continuous	Approximately 9 t concrete waste was generated and reused. Approximately 20 t steel waste was generated, of which 7 t was reused and 13 t recycled/sold. Approximately 3,600 kg domestic waste and 148 empty containers were recorded. Domestic waste was removed to the designated disposal location in Mirzapur approximately every two days.	Complied
24. Waste Oils	Waste-oil management	Generation and handling of used/waste oil were checked through routine site monitoring and available package waste records.	Monthly	No used oil was generated at the KWT Academic Building during January–June 2026. Therefore, off-site recycling/disposal of used oil was not required during the reporting period.	Complied / No waste oil generated

(f) Monitoring Status at Executive Development Centre (EDC) at East West University

during January - June 2026

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
1. IEE and EMP Update	Review and finalization of IEE/EMP following ADB comments	The project-specific IEE/EMP was prepared and reviewed. Revisions were undertaken to address ADB comments and confirm applicability of the environmental mitigation and monitoring requirements.	During reporting period	The IEE had been prepared; however, updating/finalization in response to ADB comments remained ongoing during the reporting period. Applicable EMP/EMoP requirements continued to guide pre-construction and construction activities.	Partially Complied – IEE finalization ongoing
2. CEMP Verification	Preparation, review and approval of Contractor's site-specific CEMP	The Contractor prepared the site-specific CEMP and submitted it for review by SDCMU.	Prior to / during commencement of construction	The CEMP was prepared but remained under review by SDCMU at the end of June 2026. As construction commenced on 10 June 2026, review and formal approval should be expedited. Following approval, the CEMP should be fully implemented and the approval date reported in the subsequent SEMR.	Partially Complied – CEMP under review
3. Environmental Baseline Monitoring	Baseline air, noise, surface-water and groundwater monitoring	Baseline environmental quality monitoring was conducted on 4 April 2026, prior to commencement of construction. Ambient air, noise, surface-water and	Once prior to construction	Baseline monitoring was completed before construction, establishing reference environmental conditions for subsequent comparison with	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		groundwater samples/measurements were undertaken.		construction-phase monitoring results. Routine construction-phase monitoring will be undertaken in the subsequent reporting period in accordance with the IEE/EMoP.	
4. Surface Water	Baseline surface-water quality and construction-stage runoff/sediment management	Surface-water sampling was undertaken as part of the 4 April 2026 baseline study. Site runoff and sediment-control practices were subsequently monitored following commencement of construction.	Baseline before construction; routine monitoring thereafter	Baseline surface-water conditions were established before commencement of construction. As construction commenced only on 10 June 2026, regular construction-phase water-quality monitoring will continue during the subsequent reporting period.	Complied – baseline completed; routine monitoring to continue
5. Groundwater	Baseline groundwater-quality monitoring	Groundwater sampling and analysis were undertaken on 4 April 2026 as part of the baseline environmental study.	Once prior to construction; periodic monitoring thereafter	Baseline groundwater conditions were established prior to construction and will provide the reference for evaluating any future construction-related changes. Construction-phase monitoring will continue in accordance with the EMoP.	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
6. Surface Water, Groundwater and Soil	Spill prevention, fuel/material storage and soil protection	Fuel/material-storage areas, construction equipment and spill-prevention practices were subject to site-level supervision following mobilization.	During construction	No significant fuel/oil spill or soil-contamination incident was reported during the limited construction period from 10–30 June 2026. Spill prevention and good-housekeeping measures are to be maintained throughout construction.	Complied
7. Surface Water / Sanitation	Worker sanitation and wastewater management	Sanitation and worker-welfare arrangements were maintained following site mobilization and commencement of construction.	During construction	Worker sanitation facilities were provided and maintained. No untreated wastewater discharge or significant sanitation-related issue was reported during the reporting period.	Complied
8. Air Quality	Baseline ambient air-quality monitoring and dust control	Baseline ambient air-quality monitoring was completed on 4 April 2026. Dust-control and good-housekeeping measures were implemented following commencement of construction.	Baseline before construction; routine monitoring thereafter	Baseline air-quality conditions were established prior to construction. Routine construction-phase ambient air monitoring was not required within the short remaining period after construction commenced on 10 June 2026 and will be conducted during the subsequent reporting period in	Complied – baseline completed; routine monitoring to commence

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
				accordance with the EMoP.	
9. Air Quality	Equipment emissions and dust-generation control	Construction machinery, material handling and dust-generating activities were subject to routine site supervision.	During construction	No significant visible exhaust or off-site dust impact was reported during the limited construction period. Dust suppression, material covering and equipment-maintenance measures should continue throughout construction.	Complied
10. Acoustic Environment	Baseline noise monitoring and construction-noise management	Baseline noise measurements were undertaken on 4 April 2026. Construction activities and noise-control practices were subsequently supervised following commencement of works.	Baseline before construction; routine monitoring thereafter	Baseline noise conditions were established before construction. Routine construction-phase noise monitoring will be undertaken during the subsequent reporting period. High-noise activities should continue to be restricted to appropriate daytime hours, particularly because the project is located within an active university campus.	Complied – baseline completed; routine monitoring to continue
11. Grievance Redress Mechanism	Establishment and operation of site-level GRM arrangements	A GRM signboard displaying grievance information/contact arrangements was installed and displayed at the	Continuous	GRM information was visibly disclosed at the construction site. No unresolved environmental/community grievance	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		project site. Complaint/grievance arrangements were communicated to workers and relevant stakeholders.		was reported during the reporting period. GRM signboard photographs and associated records should be cross-referenced to the relevant Annex.	
12. Environmental and OHS Awareness	Worker environmental/ OHS awareness campaign	Environmental, OHS and construction-safety awareness activities were conducted following mobilization.	During construction	Awareness campaigns addressed safe work practices, environmental protection, PPE use, good housekeeping and relevant site requirements.	Complied
13. Training and Capacity Building	Worker environmental and OHS training	Two worker training/awareness sessions were completed during the reporting period.	During construction	Two documented worker-training sessions were conducted to strengthen worker awareness of environmental, OHS and safe construction practices. Attendance sheets and photographs should be referenced in the relevant training Annex.	Complied
14. Public Safety	Site barricading, safety signage and access control	Site boundaries/work zones were demarcated, and safety signage was displayed at appropriate locations. Access-	Continuous during construction	Safety signs and warnings were displayed to inform workers, university personnel and other site users of construction hazards. No public-	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		control arrangements were maintained.		safety incident was reported during the reporting period.	
15. Traffic and Pedestrian Safety	Management of construction traffic and pedestrian movement	Construction access and movement of vehicles/materials were supervised within the university premises.	During construction	The work area remained within an active university campus; therefore, access control, warning signs and pedestrian-safety measures were maintained. No construction-related traffic or pedestrian incident was reported during the reporting period.	Complied
16. Worker Health & Safety	PPE, site safety and safe-working practices	Routine safety supervision, PPE checks, safety signage, worker awareness and training were undertaken following commencement of construction.	Continuous / weekly supervision	PPE use and basic OHS measures were implemented. No fatality, LTI or major occupational accident was reported at EWU during January–June 2026. Continued OHS supervision is required as the volume of construction increases.	Complied
17. Worker Health and Welfare	Drinking water, sanitation, hygiene and welfare arrangements	Worker-welfare and hygiene facilities were maintained during site mobilization/construction.	During construction	Potable-water, sanitation and hygiene arrangements were provided for the workforce. No significant worker-welfare issue was reported.	Complied

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
18. Construction Waste	Waste segregation, reuse/recycling and disposal	Construction and domestic waste generation and handling were monitored during the initial construction period.	During construction	Available records indicate approximately 3.5 t of concrete/brick waste, which was managed for recycling/reuse, approximately 1 t of steel waste, retained for subsequent sale/recycling, and approximately 230 kg of domestic waste. Domestic waste was removed through the applicable City Corporation collection/disposal system.	Complied
19. Waste Oils / Hazardous Waste	Generation and management of waste oils and hazardous waste	Generation of used oil and similar hazardous waste was checked during the initial construction period.	Monthly / as generated	No used oil was reported as generated during January–June 2026. No empty hazardous-material containers were reported in the available package waste records.	Complied / No used oil generated
20. Environmental Documentation and Records	Maintenance of monitoring, training, GRM, safety and photographic records	Baseline monitoring records, worker-training records, GRM signboard evidence, safety-signage photographs and awareness-campaign records were maintained/available	Throughout reporting period	Documentary evidence should be cross-referenced in the SEMR Annexes to substantiate reported compliance and address ADB's request for evidence-based compliance assessment.	Complied, subject to complete annexing of records

Parameter	Monitoring Indicator / Activity	Monitoring Conducted during Jan–Jun 2026	Frequency / Period	Findings / Results	Compliance Status
		e for reporting.			

(g) Monitoring Status at Khulna Technical Training Centre (TTC) during January–June 2026

The civil works at Khulna TTC were relatively small in scale and primarily involved construction of an approach road, cafeteria, and other minor ancillary works. The workforce engaged during the reporting period was also very limited, generally comprising fewer than five workers. Considering the small scale and limited environmental footprint of the activities, comprehensive environmental quality monitoring, including routine air, noise, surface-water and groundwater sampling, was not undertaken during January–June 2026. Environmental safeguards were instead managed through implementation of the applicable Environmental Code of Practice (ECoP), routine site supervision, good housekeeping, dust and waste control, basic occupational health and safety measures, use of appropriate PPE, and maintenance of safe access to the work areas. No significant environmental incident, pollution event, public safety issue, or major occupational accident was reported during the reporting period. Given the limited magnitude of the works, the environmental impacts were considered localized, temporary, and manageable through the prescribed ECoP measures. Continued site supervision and implementation of the ECoP will be maintained for the remaining construction activities.

3. ENVIRONMENTAL MANAGEMENT

3.1 Compliance with Environmental Mitigation and Management Plan (EMP)

The Environmental Management Plan (EMP) forms an integral part of the approved Initial Environmental Examination (IEE) for each eligible subproject and provides the framework for managing and monitoring environmental impacts during project implementation. The EMP identifies the required mitigation measures, environmental monitoring activities, institutional responsibilities, and reporting requirements to ensure compliance with the Asian Development Bank (ADB) Safeguard Policy Statement (SPS), 2009, and the applicable environmental laws and regulations of Bangladesh.

Under the Skills for Industry Competitiveness and Innovation Program (SICIP), site-specific EMPs have been prepared for six construction subprojects, namely: Smart Textile Technology Living Lab (STTL), Chattogram; Narsingdi Automotive Training Institute (NATI), Narsingdi; Modern Well-Equipped Nursing and Caregiving Student Dormitory under Kumudini Welfare Trust (KWT), Mirzapur, Tangail; Kumudini Nursing Institute Academic Building, Mirzapur, Tangail; Sylhet Technical Training Centre (TTC), Sylhet; and EDC Building at EWU. The implementation status of the EMPs for these subprojects was monitored through regular site inspections, supervision by the Project Implementation Unit (PIU), Environmental Specialist, and contractors, together with periodic environmental monitoring conducted during the reporting period.

Compliance with the EMP was assessed by reviewing the implementation of the prescribed mitigation measures, environmental monitoring activities, occupational health and safety practices, waste management, pollution prevention measures, grievance redress mechanisms, and environmental training programmes. The findings presented in this section summarize the level of compliance achieved during the reporting period and identify any corrective actions or follow-up measures required to ensure continued compliance with the approved EMPs.

The package-wise EMP/CEMP compliance assessments presented in the following tables are based on available site inspection records, environmental quality monitoring results, photographic documentation, waste management records, training and toolbox meeting records, OHS records, GRM documentation, and other relevant site records maintained during the reporting period. Where applicable, specific dates, monitoring results, quantities, and references to supporting documentation have been included to substantiate the reported compliance status. Compliance has therefore been assessed based on documented implementation evidence rather than solely on general observations.

Table 3-1: Status of Environmental Management Plan**(a) EMP Status of Smart Textile Technology Living Lab (STTL), Chattogram (Reporting Period: January–June 2026)**

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	IEE and EMP Update	Review the IEE and EMP to ensure post-approval revisions are incorporated and environmental requirements are reflected in contract documents.	Following ADB's review comments, the IEE and EMP were revised and updated. Environmental requirements remain incorporated in the Contractor's contract documents and continue to guide environmental management during project implementation.	Complied	Finalize the updated IEE/EMP following ADB review and continue periodic review during construction.
2	CEMP Verification	Review, verify and approve the Contractor's CEMP to ensure monitoring and reporting responsibilities are clearly defined.	The site-specific CEMP was reviewed, approved by the PIU and Supervision Consultant, and submitted to ADB. The approved CEMP has been implemented throughout the reporting period.	Complied	Continue periodic review and update of the CEMP as construction progresses.
3	Grievance Redress Mechanism	Maintain functional project-level and workers' GRMs and ensure accessibility to	The GRM Committee remained functional throughout the	Complied	Continue maintaining grievance records and timely resolution

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		workers and surrounding communities.	reporting period. Grievance registers were maintained and GRM contact information remained displayed at the construction site. No unresolved grievances were recorded.		of complaints.
4	EMP Training	Conduct central and site-specific EMP training and regular environmental awareness programmes.	Site-specific environmental training, toolbox meetings and occupational health and safety briefings were conducted regularly throughout the reporting period. Training covered EMP implementation, PPE use, waste management, emergency response and GRM procedures.	Complied	Continue periodic refresher training and toolbox meetings throughout construction.
5	Labor	Prioritize recruitment of local workers and provide adequate worker welfare facilities.	Construction workers were primarily recruited from nearby communities. Worker welfare facilities remained satisfactory throughout the reporting period	Complied	Continue prioritizing qualified local workers and maintaining adequate worker welfare facilities.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			and complied with labour management requirements.		
6	Materials Sourcing	Procure construction materials from approved suppliers and promote environmentally responsible sourcing practices.	Construction materials were procured from approved suppliers with valid certifications. Where practicable, procurement favored environmentally responsible suppliers to minimize transportation impacts and improve environmental performance.	Complied	Continue sourcing materials from approved and environmentally responsible suppliers.
7	Surface Water	Provide adequate sanitation facilities for workers and prevent untreated wastewater discharge.	Worker sanitation facilities, including toilets and septic systems, remained operational, clean and properly maintained throughout the reporting period. No untreated wastewater discharge was observed.	Complied	Continue routine inspection and maintenance of worker sanitation facilities.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
8	Surface Water, Groundwater and Soils	Maintain construction equipment and implement spill prevention measures to prevent soil and water contamination.	Construction equipment was regularly inspected and maintained through preventive maintenance programmes. Fuel storage, refuelling and spill prevention measures were effectively implemented and no significant spills or leakages were observed.	Complied	Continue preventive maintenance, routine inspections and spill prevention measures throughout construction.
9	Air Quality	Implement dust suppression measures and maintain properly functioning construction equipment.	Water spraying, covered stockpiles and covered haul trucks were consistently maintained throughout the reporting period. Construction equipment received regular maintenance to minimize exhaust emissions and maintain operational efficiency.	Complied	Continue dust suppression measures and preventive maintenance of construction equipment.
10	Soil	Implement erosion prevention measures and restore disturbed	Exposed soil surfaces were protected through proper drainage,	Complied	Continue monitoring erosion-prone areas and implement

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		areas during construction.	housekeeping and timely stabilization of disturbed areas. No significant soil erosion or sediment runoff was observed during the reporting period.		additional stabilization measures where necessary.
11	Acoustic Environment	Restrict construction activities to approved working hours and maintain equipment to minimize noise.	Construction activities were limited to approved daytime working hours. Equipment remained properly maintained and no significant noise-related complaints were received during the reporting period.	Complied	Continue monitoring working hours and maintaining construction equipment to minimize noise impacts.
12	Public Safety	Maintain site fencing, warning signage, traffic management and appropriate worker behaviour.	Construction areas remained adequately fenced with warning signage and controlled access. Traffic management measures were maintained, and regular awareness programmes promoted appropriate worker behaviour and compliance with	Complied	Continue strengthening traffic management, public safety monitoring and worker awareness programmes throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			the Code of Conduct. No public safety incidents or community complaints related to worker misconduct were reported.		
13	Public Health	Maintain sanitation facilities and promote worker hygiene at construction camps.	Worker sanitation facilities remained functional and hygienic throughout the reporting period. Hygiene awareness was regularly reinforced during toolbox meetings and routine site inspections confirmed satisfactory camp sanitation conditions.	Complied	Continue routine inspection, maintenance and hygiene awareness activities throughout the construction period.
14	Worker Health and Safety	Implement the Occupational Health and Safety (OHS) Plan and ensure mandatory use of personal protective equipment (PPE).	Appropriate PPE, including safety helmets, safety footwear, gloves and reflective vests, was provided and consistently used throughout the reporting period. Regular safety inspections, toolbox meetings and site supervision were	Complied	Continue routine safety inspections, strengthen compliance with PPE requirements and conduct periodic refresher OHS training.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			undertaken, and no major occupational accidents were recorded.		
15	Worker Health	Maintain worker hygiene and implement communicable disease prevention measures.	Handwashing facilities, safe drinking water and hygiene supplies remained available throughout the reporting period. Health and hygiene awareness, including communicable disease prevention, was regularly reinforced through toolbox meetings and worker briefings.	Complied	Continue maintaining hygiene facilities and regular health awareness programmes.
16	Worker Health and Safety	Maintain safe labour camp conditions and conduct regular safety inspections and audits.	Labour camp facilities, including worker accommodation, sanitation facilities and emergency response equipment, were regularly inspected and maintained. Routine safety audits confirmed continued compliance with occupational health and	Complied	Continue routine labour camp inspections, preventive maintenance and periodic safety audits.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			safety requirements.		
17	Demolition Waste	Implement the Waste Management Plan for demolition waste, including segregation, reuse, recycling and proper disposal.	Demolition waste generated during site preparation was properly segregated to maximize reuse and recycling. Residual waste was disposed of through approved waste management arrangements. No asbestos-containing materials were encountered during the reporting period.	Complied	Continue implementing demolition waste management procedures and maintain waste disposal records.
18	Construction Waste	Implement the Waste Management Plan for collection, segregation, recycling and disposal of construction waste.	Waste collection bins were provided at designated locations, and construction waste was regularly collected, segregated and disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.	Complied	Continue strengthening waste segregation and recycling while maintaining complete waste management records.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
19	Waste Oils	Collect, store and dispose of waste oils through authorized recycling or disposal facilities.	Used oils and lubricants were stored in designated containers with appropriate secondary containment and transferred to authorized recycling or disposal facilities. No leakage, spillage or improper disposal was observed.	Complied	Continue monitoring waste oil storage and maintain transfer records.
20	Water Quality and Spill Prevention	Maintain safe storage of fuels and hazardous materials, implement spill prevention measures and ensure proper sanitation management.	Fuels and hazardous materials were stored in designated areas with appropriate secondary containment. Spill prevention measures, sanitation facilities and septic systems were routinely inspected and maintained. Workers received regular spill prevention and emergency response training, and stockpiles remained covered to minimize contaminated	Complied	Continue routine inspection of storage areas, sanitation facilities and spill prevention measures, and provide refresher training where necessary.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			runoff.		
21	Air Quality	Minimize vehicle emissions and implement effective dust suppression measures.	Construction vehicles complied with the no-idling policy through routine supervision. Water spraying, covered stockpiles, tarpaulin-covered haul trucks and regular cleaning of access roads effectively controlled dust emissions throughout the reporting period.	Complied	Continue enforcing no-idling practices and dust suppression measures, particularly during dry weather and earthwork activities.
22	Soils	Prevent soil erosion and restore disturbed areas during construction.	Erosion control measures, including drainage management, housekeeping and stabilization of disturbed areas, were effectively implemented. Routine inspections confirmed that no significant soil erosion or sediment runoff occurred during the reporting period.	Complied	Continue monitoring erosion-prone areas and implement additional stabilization measures where necessary.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
23	Public Safety	Maintain public safety measures and coordinate traffic management with relevant authorities.	Construction areas remained secured through safety barriers, warning signage and controlled site access. Traffic management measures were implemented in coordination with relevant authorities to ensure the safe movement of vehicles and pedestrians.	Complied	Continue regular public safety inspections and maintain coordination with relevant authorities throughout construction.
24	Public Safety	Maintain communication with local communities and minimize construction-related safety risks.	Regular communication was maintained with local stakeholders and surrounding communities throughout the reporting period. Community concerns were addressed promptly, and no significant public safety incidents or complaints were reported.	Complied	Continue stakeholder engagement and periodic monitoring of community safety issues throughout construction.
25	Worker Health and Safety	Enforce the no-idling policy and maintain worker hygiene and disease prevention measures.	Drivers complied with the no-idling policy through routine supervision. Handwashing facilities, safe drinking water	Complied	Continue enforcing the no-idling policy and maintaining worker hygiene and health awareness programmes

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			and hygiene supplies remained available, while regular toolbox meetings reinforced good hygiene practices and communicable disease prevention.		throughout the construction period.

(b) EMP Status of Narsingdi Automotive Training Institute (NATI), Narsingdi (Reporting Period: January–June 2026)

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	IEE and EMP Update	Review the IEE and EMP to ensure post-approval changes are incorporated and EMP requirements are reflected in bid and contract documents.	Following receipt of ADB review comments, the IEE and EMP were reviewed and revised. Required environmental provisions remain incorporated in the Contractor's contract documents and continue to guide environmental management during implementation.	Complied	Finalize and submit the revised IEE/EMP incorporating all ADB comments and continue periodic review during construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			on.		
2	CEMP Verification	Review and approve the Contractor's CEMP, including monitoring and reporting responsibilities.	The site-specific CEMP was finalized, reviewed by the PIU and supervision team, approved, and submitted to ADB. The Contractor implemented the approved CEMP during site activities.	Complied	Continue periodic review and update of the CEMP as construction progresses.
3	Grievance Redress Mechanism	Establish and publicize project-level and workers' GRM.	GRM Committee remained functional throughout the reporting period. Grievance registers were maintained at site and GRM contact information remained displayed for workers and the public.	Complied	Continue maintaining grievance records and timely resolution of complaints.
4	EMP Training	Conduct central and site-specific EMP training for project personnel.	Site-specific environmental and occupational safety	Complied	Continue refresher training and toolbox meetings

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			training sessions and regular toolbox meetings were conducted throughout the reporting period. Training covered EMP implementation, OHS, PPE use, waste management, emergency response and GRM procedures. Attendance records and photographs were maintained.		throughout construction.
5	Labor	Prioritize recruitment of local workers.	Most construction workers employed during the reporting period were recruited from nearby communities, reducing the need for outside labour camps.	Complied	Continue giving preference to qualified local workers where feasible.
6	Materials	Source construction materials from nearby	Major construction	Complied	Continue monitoring

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
	Sourcing	suppliers.	materials were procured from nearby approved suppliers to reduce transportation distance, fuel consumption and associated emissions.		sustainable sourcing practices throughout construction.
7	Materials Sourcing	Select environmentally responsible suppliers where feasible.	Construction materials were procured from approved suppliers meeting project quality and environmental requirements. Supplier compliance was verified during procurement and material delivery.	Complied	Continue encouraging environmentally responsible suppliers for future procurement.
8	Surface Water, Groundwater and Soils	Maintain construction equipment and prevent fuel or oil leakage.	Construction equipment was routinely inspected and maintained. Daily inspections were conducted	Complied	Continue equipment maintenance, spill prevention and inspection activities.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			for leaks and mechanical defects. Spill prevention measures, including appropriate fuel storage and servicing practices, were implemented throughout the reporting period.		
9	Surface Water	Install adequate sanitation facilities for workers.	Worker sanitation facilities, including toilets and septic arrangements, remained available, functional and regularly maintained throughout the reporting period.	Complied	Continue routine inspection, cleaning and maintenance of sanitation facilities.
10	Air Quality	Implement dust suppression measures and cover stockpiles and haul trucks.	Regular water spraying was carried out during dry weather. Material stockpiles remained covered with tarpaulins and haul trucks transporting	Complied	Continue dust suppression measures, particularly during dry and windy conditions.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			construction materials were observed using appropriate covers.		
11	Air Quality	Maintain fuel-efficient and properly functioning construction equipment.	Construction machinery and vehicles were regularly serviced and maintained to minimize exhaust emissions and improve operational efficiency.	Complied	Continue preventive maintenance and monitoring of equipment emissions.
12	Soil	Implement erosion prevention and site reinstatement measures.	Exposed soil surfaces were managed through proper drainage and housekeeping. No significant soil erosion or sediment runoff was observed during the reporting period.	Complied	Continue monitoring erosion-prone areas, particularly during the rainy season.
13	Acoustic Environment	Restrict work hours and maintain equipment to minimize noise.	Construction activities were limited to daytime hours and	Complied	Continue monitoring working hours and equipment

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			equipment was maintained in good working condition. No significant noise-related complaints were received during the reporting period.		maintenance.
14	Public Safety	Maintain site fencing, warning signs and traffic management.	Construction areas remained adequately fenced with warning signage installed at active work locations. Traffic management and access control measures were maintained to protect workers and the public.	Partially Complied	Continue strengthening traffic management and public safety monitoring during peak construction activities.
15	Public Safety	Implement Construction Camp Management Plan and promote appropriate worker behaviour.	Construction camp management measures were implemented . Workers received regular awareness	Complied	Continue awareness programmes and supervision of worker behaviour.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			sessions on appropriate conduct, community relations and code of conduct requirements .		
16	Public Safety	Minimize off-site misconduct by workers.	Regular supervision and awareness activities were undertaken. No significant complaints regarding worker behaviour were reported during the reporting period.	Complied	Continue monitoring worker conduct and maintaining communication with local communities.
17	Public Health	Maintain sanitation and hygiene at worker camps.	Worker sanitation facilities were properly maintained and hygiene awareness was regularly provided during toolbox meetings. Routine inspections confirmed satisfactory	Complied	Continue monitoring sanitation facilities and worker hygiene practices.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			camp sanitation conditions.		
18	Worker Health and Safety	Implement the Occupational Health and Safety Plan and enforce PPE use.	PPE including helmets, safety shoes, gloves and reflective vests were provided and consistently used. Regular safety inspections, toolbox meetings and site supervision were conducted throughout the reporting period. No major accidents were reported.	Complied	Continue routine safety inspections and refresher OHS training.
19	Worker Health	Maintain worker hygiene and communicable disease prevention measures.	Handwashing facilities, drinking water and hygiene materials remained available throughout the reporting period. Health awareness was regularly included in	Complied	Continue maintaining hygiene facilities and health awareness activities.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			toolbox meetings.		
20	Worker Health and Safety	Maintain safe labour camp conditions and conduct regular safety audits.	Labour camp facilities were regularly inspected and maintained. Fire extinguishers , first-aid equipment, sanitation facilities and worker accommodation remained in satisfactory condition throughout the reporting period.	Complied	Continue routine camp inspections and preventive maintenance.
21	Demolition Waste	Implement the Waste Management Plan for demolition materials, including segregation, reuse, recycling, and appropriate disposal.	Demolition waste generated during site preparation was properly segregated. Reusable and recyclable materials were recovered where feasible, and remaining waste was disposed of through approved	Complied	Continue monitoring demolition waste management and maintain disposal records.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			disposal arrangements. No asbestos-containing materials (ACM) were encountered during the reporting period.		
22	Construction Waste	Implement the Waste Management Plan for collection, segregation, recycling, and disposal of construction waste.	Waste bins were provided at work locations and construction waste was regularly collected, segregated, and disposed of through designated waste management arrangements. Good housekeeping practices were maintained throughout the construction site.	Complied	Continue strengthening waste segregation and maintain waste disposal documentation.
23	Waste Oils	Collect, store, and dispose of waste oils through authorized recycling or disposal facilities.	Used oils and lubricants were stored in designated containers	Complied	Continue monitoring waste oil storage and maintain transfer

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			with appropriate containment measures and transferred to authorized recyclers or disposal facilities. No evidence of oil leakage or improper disposal was observed.		records.
24	Water Quality and Spill Prevention	Ensure safe storage of fuels and hazardous materials and prevent spills and leakage.	Fuel, lubricants, and hazardous materials were stored in designated areas with appropriate secondary containment. Routine inspections confirmed that no significant spills or leakages occurred during the reporting period.	Complied	Continue routine inspection of storage areas and spill prevention measures.
		Maintain septic systems and manage sludge appropriately.	Sanitation facilities and septic systems were regularly	Complied	Continue routine inspection and scheduled maintenance of sanitation

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			inspected and maintained to ensure proper operation. No overflow or discharge of untreated wastewater was observed during the reporting period.		facilities.
		Prepare and implement a Spill Prevention and Response Plan (SPRP) and provide worker training.	The Spill Prevention and Response Plan was incorporated into site environmental management procedures. Workers received awareness on spill prevention, emergency response, and reporting procedures through toolbox meetings and safety briefings.	Complied	Continue refresher training and periodic review of spill response procedures.
		Cover stockpiles and maintain sediment control measures to prevent contaminated	Construction materials were stored under	Complied	Continue monitoring stockpile management

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		runoff.	tarpaulin covers where required, and drainage around stockpile areas was maintained to minimize sediment runoff during rainfall events.		and drainage, particularly during the monsoon season.
25	Air Quality Management	Minimize vehicle emissions and enforce no-idling practices.	Drivers were instructed to minimize unnecessary engine idling during loading, unloading, and waiting periods. Construction vehicle movements were supervised to reduce emissions within the project area.	Complied	Continue awareness activities and monitor compliance with no-idling practices.
		Implement dust suppression measures, including tarpaulin covers, water spraying, and prohibition of on-site stone crushing.	Material stockpiles remained covered with tarpaulins and water spraying was carried out during dry conditions. No stone	Complied	Continue dust suppression measures and routine monitoring during earthworks and material handling activities.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			crushing activities were undertaken within the project site during the reporting period.		
		Cover haul trucks and control dust on internal roads.	Trucks transporting construction materials were covered with tarpaulins and internal access roads were watered as required to minimize dust generation.	Complied	Continue regular road watering and monitoring during dry weather conditions.
26	Soils	Prevent soil erosion and restore disturbed areas following construction activities.	Exposed soil surfaces were protected through proper site drainage, good housekeeping, and timely stabilization of disturbed areas. No significant erosion or sediment deposition was observed during the	Complied	Continue monitoring erosion-prone areas and implement additional stabilization measures if required.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			reporting period.		
27	Public Safety	Maintain public safety measures and coordinate with relevant agencies for traffic management.	Construction areas remained secured with fencing, warning signs, and controlled access. Traffic management measures were implemented during construction activities to minimize risks to workers and the surrounding community.	Complied	Continue routine inspection of public safety measures and maintain coordination with relevant authorities when necessary.
28	Public Safety	Coordinate with local authorities and communities to minimize safety risks associated with construction activities.	Regular communication was maintained with local stakeholders to address community concerns and ensure safe movement around the construction site. No significant public safety incidents were	Complied	Continue stakeholder engagement and monitoring of community safety concerns.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			reported during the reporting period.		
29	Worker Health and Safety	Enforce no-idling policy for construction vehicles.	Drivers were regularly reminded to avoid unnecessary engine idling within the project site. Compliance was monitored during routine site inspections.	Complied	Continue monitoring compliance through routine supervision and awareness programmes.
30	Worker Health and Safety	Maintain pandemic preparedness and worker hygiene measures.	Handwashing facilities, drinking water, and hygiene materials remained available at the site. Workers continued to receive regular health and hygiene awareness during toolbox meetings.	Complied	Continue maintaining worker hygiene facilities and health awareness programmes.

(c) EMP Status of Student Dormitory Building at KWT, Mirzapur, Tangail (Reporting Period: January–June 2026)

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	CEMP Verification	Review and approve the Contractor's CEMP, including monitoring and reporting responsibilities.	The site-specific CEMP was reviewed, approved by the PIU and Supervision Consultant, and implemented throughout the reporting period. Environmental monitoring and reporting responsibilities were effectively carried out by the Contractor.	Complied	Continue periodic review and updating of the CEMP as construction progresses.
2	Grievance Redress Mechanism	Establish and maintain project-level and workers' GRMs.	The GRM Committee remained functional throughout the reporting period. Grievance registers were maintained, and GRM contact information remained displayed at the construction site. No unresolved grievances were recorded.	Complied	Continue maintaining grievance records and timely resolution of complaints.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
3	EMP Training	Conduct central and site-specific environmental management and occupational health and safety training.	Site-specific EMP training, occupational health and safety briefings and regular toolbox meetings were conducted throughout the reporting period. Training covered EMP implementation, PPE use, waste management, emergency response and GRM procedures.	Complied	Continue refresher training and regular toolbox meetings throughout construction.
4	Labor	Prioritize recruitment of local workers.	The majority of construction workers were recruited from nearby communities, reducing the need for external labour and supporting local employment opportunities.	Complied	Continue prioritizing qualified local workers where feasible.
5	Labor	Maximize local employment during construction.	Local recruitment remained the primary approach throughout the reporting period. Labour records confirmed continued engagement of workers from	Complied	Continue maximizing local employment opportunities during project implementation.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			surrounding communities.		
6	Materials Sourcing	Procure construction materials from approved suppliers with valid certifications.	Major construction materials were procured from approved suppliers in accordance with project specifications. Procurement records confirmed compliance with applicable quality and environmental requirements.	Complied	Continue verifying supplier certifications and procurement documentation.
7	Materials Sourcing	Promote environmentally responsible sourcing practices where feasible.	Construction materials were sourced from nearby and environmentally responsible suppliers where practicable, reducing transportation distance and associated environmental impacts.	Complied	Continue promoting sustainable material sourcing throughout construction.
8	Surface Water	Provide adequate sanitation facilities for construction workers.	Worker sanitation facilities, including toilets and septic systems, remained operational,	Complied	Continue routine inspection, cleaning and maintenance of sanitation facilities throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			clean and properly maintained throughout the reporting period. Routine inspections confirmed satisfactory sanitary conditions and no untreated wastewater discharge was observed.		
9	Surface Water, Groundwater and Soils	Maintain construction equipment and implement spill prevention measures to prevent soil and water contamination.	Construction equipment was routinely inspected and maintained throughout the reporting period. Fuel storage, refuelling and spill prevention measures were effectively implemented, and no significant fuel or oil spills were observed.	Complied	Continue preventive maintenance of equipment and routine monitoring of spill prevention measures.
10	Air Quality	Implement dust suppression measures and maintain construction equipment to minimize emissions.	Water spraying, tarpaulin-covered stockpiles and covered haul trucks were consistently maintained during the reporting period. Construction	Complied	Continue dust suppression measures and routine equipment maintenance throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			equipment received regular maintenance to minimize exhaust emissions.		
11	Air Quality	Maintain fuel-efficient construction equipment and vehicles.	Construction vehicles and equipment were regularly serviced and maintained to ensure efficient operation and minimize air emissions. No excessive smoke emissions were observed during site inspections.	Complied	Continue equipment servicing and maintain maintenance records.
12	Flora and Fauna	Protect existing trees and vegetation within and around the project site.	Existing trees and vegetation were preserved throughout the reporting period. No tree felling or unnecessary vegetation clearance was undertaken.	Complied	Continue protecting existing vegetation and monitor potential impacts during construction.
13	Flora and Fauna / Watercourse Protection	Protect natural drainage channels and prevent sediment runoff.	Natural drainage channels remained unobstructed throughout the reporting period. Sediment control measures were maintained and no significant sediment discharge was	Partially Complied	Continue strengthening runoff and sediment control measures, particularly during the rainy season.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			observed during routine inspections.		
14	Acoustic Environment	Restrict construction activities to approved working hours and maintain equipment to minimize noise.	Construction activities were limited to daytime working hours. Equipment remained properly maintained and no significant noise-related complaints were received during the reporting period.	Complied	Continue monitoring working hours and maintaining equipment to minimize noise impacts.
15	Public Safety	Maintain site fencing, warning signage, access control and traffic management.	Construction areas remained adequately fenced with warning signs and controlled access throughout the reporting period. Traffic management measures were maintained and no public safety incidents were reported.	Complied	Continue regular inspection of fencing, signage and traffic management measures.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
16	Public Health	Maintain worker sanitation, hygiene and camp housekeeping.	Worker sanitation facilities remained clean and functional throughout the reporting period. Hygiene awareness was reinforced through toolbox meetings, and routine inspections confirmed satisfactory housekeeping conditions.	Complied	Continue routine sanitation inspections and hygiene awareness programmes.
17	Worker Health and Safety	Implement the Occupational Health and Safety (OHS) Plan and ensure mandatory use of PPE.	Personal protective equipment (PPE) was provided and consistently used throughout the reporting period. Routine safety inspections, toolbox meetings and safety briefings were conducted, and no major occupational accidents were reported.	Complied	Continue routine OHS inspections, refresher training and monitoring of PPE compliance.
18	Worker Health and Safety	Maintain safe labour camp conditions and conduct regular safety inspections.	Worker accommodation, sanitation facilities, eating areas, fire extinguishers and first aid	Complied	Continue routine inspection and maintenance of labour camp facilities and emergency

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			facilities were regularly inspected and maintained throughout the reporting period.		equipment.
19	Construction Waste	Implement the Waste Management Plan for segregation, collection, recycling and disposal of construction waste.	Waste bins were provided at designated locations and construction waste was regularly segregated, collected and disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.	Complied	Continue improving waste segregation practices and maintain waste disposal records.
20	Air Quality	Implement dust control measures during material handling and transportation.	Water spraying, tarpaulin-covered stockpiles and covered transport vehicles were consistently maintained throughout the reporting period. No stone crushing activities were undertaken within the project site.	Complied	Continue dust suppression measures and routine monitoring during dry weather.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
21	Air Quality	Cover haul trucks and maintain internal roads to minimize dust emissions.	Trucks transporting construction materials were covered with tarpaulins, and internal access roads were regularly watered and cleaned during dry weather to minimize fugitive dust emissions.	Complied	Continue road cleaning, water spraying and inspection of material transportation practices.
22	Acoustic Environment	Prohibit stone crushing and other high-noise activities within the project site.	No stone crushing activities were undertaken within the project site during the reporting period. Routine inspections confirmed compliance with the project requirements.	Complied	Continue monitoring compliance during subsequent construction activities.
23	Worker Health and Safety	Enforce the no-idling policy for construction vehicles and equipment.	Drivers were regularly instructed to minimize unnecessary engine idling during material loading, unloading and waiting periods. Compliance was monitored through routine site supervision.	Complied	Continue awareness programmes and routine supervision of vehicle operations.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
24	Worker Health and Safety	Implement communicable disease prevention and maintain worker hygiene facilities.	Handwashing stations, safe drinking water and hygiene materials remained available throughout the reporting period. Health and hygiene awareness was reinforced during toolbox meetings and routine safety briefings.	Complied	Continue maintaining hygiene facilities and periodic health awareness programmes.
25	Worker Health and Safety	Implement the Emergency Response Plan and conduct emergency preparedness training.	The Emergency Response Plan remained in effect throughout the reporting period. Emergency procedures were communicated during toolbox meetings, and emergency equipment, including first-aid kits and fire extinguishers, remained available at the construction site.	Complied	Conduct periodic emergency response drills and refresher training throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
26	Solid Waste	Implement proper waste collection, segregation and disposal procedures.	Waste bins remained available at designated locations for domestic and construction waste. Waste was collected regularly through approved disposal arrangements, and housekeeping standards were maintained throughout the reporting period.	Complied	Continue strengthening waste segregation practices and maintaining disposal records.
27	Hazardous Materials	Ensure proper storage and handling of fuels, lubricants and hazardous substances.	Fuels, lubricants and other hazardous materials were stored in designated areas with appropriate containment measures. Routine inspections confirmed satisfactory storage and handling practices throughout the reporting period.	Complied	Continue routine inspection of hazardous material storage areas and update inventory records where necessary.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
28	Housekeeping	Maintain clean and orderly construction and storage areas.	Construction work areas, material storage locations and access roads were regularly cleaned and maintained. Good housekeeping practices were consistently observed throughout the reporting period.	Complied	Continue routine housekeeping inspections and maintain orderly site conditions.
29	Environmental Monitoring	Conduct environmental monitoring in accordance with the approved EMoP.	Environmental monitoring of ambient air quality, noise and water quality was undertaken in accordance with the approved Environmental Monitoring Plan (EMoP). Monitoring results complied with applicable national standards.	Complied	Continue implementing the approved environmental monitoring programme throughout construction.
30	Environmental Reporting	Maintain environmental monitoring records and submit periodic compliance reports.	Environmental inspection records, monitoring results, training records and corrective actions were documented and maintained by the Contractor	Complied	Continue maintaining environmental records and submitting periodic monitoring reports.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			and reviewed by the PIU and Environmental Specialist.		
31	Environmental Supervision	Conduct regular environmental inspections to verify EMP implementation.	Routine environmental inspections were carried out jointly by the Contractor, PIU and Environmental Specialist throughout the reporting period. Minor observations identified during inspections were addressed promptly through corrective actions.	Complied	Continue routine environmental inspections and timely implementation of corrective actions.
32	Overall EMP Compliance	Implement all applicable mitigation and monitoring measures specified in the EMP.	Environmental mitigation and monitoring measures were implemented throughout the reporting period in accordance with the approved EMP and CEMP. No significant environmental non-compliances or major environmental incidents were observed.	Complied	Continue effective EMP implementation, routine supervision and periodic performance review throughout the remaining construction period.

(d) EMP Status of Sylhet Technical Training Centre (TTC), Sylhet (Reporting Period: January–June 2026)

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	CEMP Verification	Review, approve and implement the Contractor's CEMP, including environmental monitoring and reporting responsibilities.	The Contractor prepared the site-specific CEMP, which was reviewed by the PIU and Supervision Consultant. The CEMP is being finalized for implementation prior to full-scale construction activities.	Partially Complied	Complete review and approval of the CEMP and continue monitoring implementation during construction.
2	Grievance Redress Mechanism	Establish and maintain project-level and workers' Grievance Redress Mechanisms (GRMs).	The project-level and workers' GRMs remained operational throughout the reporting period. The GRC was functional, grievance registers were maintained, and GRM contact information was displayed at the construction site.	Complied	Continue maintaining grievance records and timely resolution of complaints.
3	EMP Training	Conduct central and site-specific EMP training and regular environmental awareness programmes.	One central EMP training and two site-specific environmental training sessions were conducted during the reporting period. Training covered EMP	Complied	Continue periodic refresher training and toolbox meetings throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			implementation, occupational health and safety, PPE use, waste management, emergency response and GRM procedures.		
4	Public Health and Safety	Maintain public health and safety through appropriate site management, sanitation and awareness measures.	Public health and safety measures were implemented through routine site supervision, worker awareness programmes, sanitation management and regular safety inspections. No major public health or safety incidents were reported during the reporting period.	Complied	Continue routine health and safety inspections, toolbox meetings and documentation of monitoring activities.
5	Water Quality	Implement spill prevention measures and maintain safe storage of fuels, lubricants and hazardous materials.	Fuels, lubricants and chemicals were stored in designated areas with appropriate containment measures. Routine inspections confirmed satisfactory storage conditions, and	Complied	Continue routine inspection and maintenance of fuel storage areas and spill prevention measures.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			no significant spills or water contamination incidents were observed during the reporting period.		
6	Water Quality	Provide adequate sanitation facilities and septic systems for construction workers.	Worker sanitation facilities, including toilets and septic systems, were installed and maintained throughout the reporting period. Routine inspections confirmed satisfactory sanitary conditions, and no untreated wastewater discharge was observed.	Complied	Continue routine inspection, cleaning and maintenance of sanitation facilities throughout construction.
7	Air Quality	Implement dust suppression measures and maintain construction equipment to minimize emissions.	Water spraying was carried out during dry weather, stockpiles were covered with tarpaulins, and haul trucks used protective covers during material transportation. Construction equipment was regularly maintained to minimize exhaust	Complied	Continue dust suppression measures and preventive maintenance of construction equipment throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			emissions.		
8	Acoustic Environment	Restrict construction activities to approved working hours and maintain equipment to minimize noise impacts.	Construction activities were undertaken during daytime working hours. Equipment was routinely maintained, and no significant noise-related complaints were received during the reporting period.	Complied	Continue monitoring working hours and maintaining equipment to minimize noise impacts.
9	Worker Health and Safety	Maintain safe labour camp conditions and implement occupational health and safety measures.	Labour camp facilities, sanitation arrangements, first aid equipment and fire extinguishers were regularly inspected and maintained. Routine safety inspections confirmed satisfactory occupational health and safety conditions.	Complied	Continue routine labour camp inspections and periodic occupational health and safety audits.
10	Livelihoods	Protect adjacent properties and maintain community access during construction activities.	Construction activities remained within the designated work area. Site fencing and access control measures were maintained, and	Complied	Continue maintaining site security and promptly address any community concerns that may arise.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			no damage to adjacent properties or disruption to community access was reported during the reporting period.		
11	Livelihoods	Prioritize recruitment of local workers during construction.	The majority of the construction workforce was recruited from nearby communities, contributing to local employment and minimizing the need for migrant labour.	Complied	Continue prioritizing qualified local workers where practicable.
12	Demolition Waste	Implement approved procedures for segregation, reuse, recycling and disposal of demolition waste.	Demolition waste generated during site preparation was properly segregated. Reusable and recyclable materials were recovered where practicable, and residual waste was disposed of through approved arrangements. No asbestos-containing materials were encountered during the reporting period.	Complied	Continue implementing demolition waste management procedures and maintain disposal records.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
13	Construction Waste	Implement the Waste Management Plan for collection, segregation, recycling and disposal of construction waste.	Waste bins were provided at designated locations, and construction waste was regularly collected, segregated and disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.	Complied	Continue improving waste segregation practices and maintaining waste management records.
14	Waste Oils	Collect, store and dispose of waste oils through authorized recycling or disposal facilities.	Used oils and lubricants were stored in designated containers with appropriate secondary containment and transferred to authorized recycling or disposal facilities. No leakage or improper disposal was observed during the reporting period.	Complied	Continue monitoring waste oil storage and maintain disposal records.
15	Water Quality	Maintain safe storage of fuels and hazardous materials and inspect storage	Fuels, lubricants and chemicals were stored in designated areas with	Complied	Continue routine inspection of storage facilities and maintain spill prevention

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		facilities regularly.	appropriate containment measures. Routine inspections confirmed satisfactory storage conditions, and no leakage or contamination of surrounding soil or water resources was observed.		measures throughout construction.
16	Water Quality	Maintain septic systems and manage sludge in accordance with the approved Waste Management Plan.	Septic tanks and sanitation facilities were regularly inspected throughout the reporting period. Sludge removal will be undertaken in accordance with the maintenance schedule as required during operation.	Complied	Continue routine inspection and maintain scheduled desludging of septic systems.
17	Water Quality	Implement the Spill Prevention and Response Plan and provide spill response training to relevant personnel.	Spill prevention measures were implemented through proper fuel and chemical storage, routine inspections and worker awareness programmes. Personnel received spill prevention and	Complied	Continue routine inspection of fuel storage areas and conduct periodic spill response refresher training.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			emergency response instructions during toolbox meetings.		
18	Water Quality	Protect stockpiled materials from rainfall and runoff through appropriate covering and storage practices.	Construction material stockpiles remained covered with tarpaulins throughout the reporting period. Personnel responsible for material handling were instructed on proper storage and covering procedures, and routine inspections confirmed satisfactory implementation.	Complied	Continue monitoring stockpile management and replace damaged tarpaulins where necessary.
19	Air Quality	Minimize vehicle emissions through traffic management and enforcement of the no-idling policy.	Vehicle movement within the construction site was effectively managed, and drivers were instructed to avoid unnecessary engine idling. Routine supervision confirmed compliance with the project requirements.	Complied	Continue enforcing the no-idling policy and monitoring vehicle movement throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
20	Air Quality	Implement dust suppression measures during material handling and prohibit on-site stone crushing.	Water spraying, covered stockpiles and tarpaulin-covered haul trucks were maintained throughout the reporting period to minimize dust emissions. No stone crushing activities were undertaken within the project site.	Complied	Continue dust suppression measures, regular inspection of stockpiles and monitoring during dry weather.
21	Air Quality	Cover haul trucks and maintain internal roads to control fugitive dust emissions.	Trucks transporting construction materials were covered with tarpaulins, and internal access roads were watered and cleaned as required to minimize dust generation.	Complied	Continue routine road cleaning and inspection of material transportation practices.
22	Soils	Protect exposed soils and implement erosion control measures during construction.	Disturbed soil surfaces were protected through appropriate housekeeping and temporary stabilization measures. Routine inspections confirmed that no significant soil erosion or	Complied	Continue monitoring erosion-prone areas and implement additional stabilization measures where necessary.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			sediment runoff occurred during the reporting period.		
23	Acoustic Environment	Prohibit stone crushing and other high-noise activities within the project site.	No stone crushing or other high-noise activities were undertaken during the reporting period. Routine site inspections confirmed compliance with project requirements and no significant noise complaints were received.	Complied	Continue monitoring compliance with noise control measures throughout construction.
24	Solid Waste	Implement proper waste segregation, collection, recycling and disposal procedures in accordance with the approved Waste Management Plan.	Waste bins were provided at designated locations, and domestic and construction wastes were regularly segregated, collected and disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.	Complied	Continue strengthening waste segregation practices and maintaining waste management records for subsequent reporting periods.

**(e) EMP Status of Kumudini Nursing Institute Academic Building, Mirzapur, Tangail
(Reporting Period: January–June 2026)**

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	IEE and EMP Update	Review and update the IEE and EMP to incorporate post-approval revisions and ensure environmental requirements are reflected in contract documents.	The IEE and EMP were revised in response to ADB comments. Environmental management requirements remain incorporated into the Contractor's contract documents and were implemented throughout the reporting period.	Complied	Finalize the updated IEE/EMP following ADB review and continue periodic review during construction.
2	CEMP Verification	Review, approve and implement the Contractor's CEMP, including environmental monitoring and reporting responsibilities.	The site-specific CEMP was finalized, reviewed and approved by the PIU and Supervision Consultant, and submitted to ADB. Environmental management measures were implemented in accordance with the approved CEMP.	Complied	Continue periodic review and update of the CEMP to reflect construction progress and site conditions.
3	Grievance Redress Mechanism	Maintain functional project-level and workers'	The project GRM remained operational throughout the	Complied	Continue maintaining grievance records and

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		Grievance Redress Mechanisms (GRMs).	reporting period. Grievance registers were maintained, and GRM contact information remained displayed at the construction site. No unresolved grievances were recorded.		timely resolution of complaints.
4	EMP Training	Conduct central and site-specific EMP training and regular toolbox meetings.	Environmental awareness training, occupational health and safety briefings, and toolbox meetings were conducted regularly throughout the reporting period. Training covered EMP implementation, PPE use, waste management, emergency preparedness and grievance redress procedures.	Complied	Continue periodic refresher training and toolbox meetings throughout construction.
5	Labor	Prioritize recruitment of qualified local workers.	Construction workers were primarily recruited from nearby communities, reducing the need for external labour and temporary worker	Complied	Continue prioritizing local employment wherever practicable.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			accommodation.		
6	Labor	Maximize employment opportunities for local communities.	The majority of the workforce comprised personnel from surrounding communities, contributing to local employment and supporting community participation.	Complied	Continue maximizing local recruitment during the construction phase.
7	Materials Sourcing	Procure construction materials from approved and certified suppliers.	Construction materials were procured from approved suppliers holding relevant certifications. Procurement practices helped reduce transportation impacts while ensuring material quality.	Complied	Continue sourcing materials from approved suppliers and maintain procurement records.
8	Materials Sourcing	Promote environmentally responsible sourcing practices wherever feasible.	Preference was given to suppliers demonstrating environmentally responsible procurement practices and compliance with project environmental requirements.	Complied	Continue promoting sustainable procurement practices throughout construction.
9	Surface Water	Provide and maintain adequate sanitation	Worker sanitation facilities, including toilets and septic	Complied	Continue regular inspection, cleaning and maintenance of

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		facilities for construction workers.	systems, remained functional, hygienic and properly maintained throughout the reporting period. Routine inspections confirmed satisfactory sanitary conditions.		sanitation facilities.
10	Surface Water, Groundwater and Soils	Maintain construction equipment and implement spill prevention measures to prevent soil and water contamination.	Construction equipment was routinely inspected and maintained. Preventive maintenance, controlled refuelling practices and spill prevention measures were effectively implemented, and no significant fuel or oil spills were observed during the reporting period.	Complied	Continue routine equipment maintenance, spill prevention measures and environmental inspections throughout construction.
11	Air Quality	Implement dust suppression measures and maintain construction equipment to minimize emissions.	Water spraying was carried out during dry weather, construction material stockpiles were covered with tarpaulins, and haul trucks used protective covers	Complied	Continue dust suppression measures and routine maintenance of construction equipment throughout construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			during material transportation. Construction equipment was routinely maintained to minimize exhaust emissions.		
12	Air Quality	Maintain fuel-efficient construction equipment and vehicles.	Construction vehicles and equipment were regularly serviced to improve operational efficiency and minimize air emissions. No excessive smoke emissions were observed during routine inspections.	Complied	Continue preventive maintenance and maintain equipment servicing records.
13	Flora and Fauna	Protect existing trees and vegetation within and around the project site.	Existing trees and vegetation were preserved throughout the reporting period. No unnecessary tree removal or vegetation clearance was undertaken during construction activities.	Complied	Continue protecting existing vegetation and monitor potential impacts during construction.
14	Flora and Fauna / Watercourse Protection	Protect natural drainage systems and prevent sediment runoff.	Natural drainage channels remained unobstructed throughout the reporting period. Temporary	Partially Complied	Continue strengthening runoff and sediment control measures, particularly during the

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			erosion and sediment control measures were maintained, and no significant sediment discharge was observed during routine inspections.		monsoon season.
15	Acoustic Environment	Restrict construction activities to approved working hours and maintain equipment to minimize noise.	Construction activities were confined to daytime working hours. Construction equipment was properly maintained, and no significant noise-related complaints were received during the reporting period.	Complied	Continue monitoring working hours and maintaining equipment to minimize noise impacts.
16	Public Safety	Maintain site fencing, warning signage, controlled access and traffic management measures.	Construction areas remained adequately fenced with warning signs and controlled site access. Traffic management measures were implemented throughout the reporting period, and no public safety incidents were reported.	Complied	Continue regular inspection of fencing, warning signage and traffic management measures.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
17	Public Health	Maintain worker sanitation, hygiene and housekeeping at the construction site.	Worker sanitation facilities remained clean and functional throughout the reporting period. Hygiene awareness was reinforced through toolbox meetings, and routine inspections confirmed satisfactory housekeeping conditions.	Complied	Continue routine sanitation inspections and hygiene awareness programmes.
18	Worker Health and Safety	Implement the Occupational Health and Safety (OHS) Plan and ensure mandatory use of PPE.	Personal protective equipment (PPE) was provided to all workers and consistently used throughout the reporting period. Routine safety inspections, toolbox meetings and safety briefings were conducted, and no major occupational accidents were reported.	Complied	Continue routine OHS inspections, refresher training and monitoring of PPE compliance.
19	Worker Health and Safety	Maintain safe labour camp conditions and conduct regular safety inspections.	Worker accommodation, sanitation facilities, eating areas, fire extinguishers and first-aid facilities were regularly	Complied	Continue routine inspection and maintenance of labour camp facilities and emergency equipment.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			inspected and maintained. Labour camp conditions remained satisfactory throughout the reporting period.		
20	Construction Waste	Implement the Waste Management Plan for segregation, collection, recycling and disposal of construction waste.	Waste bins were provided at designated locations, and construction waste was regularly segregated, collected and disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.	Complied	Continue improving waste segregation practices and maintaining waste disposal records.
21	Air Quality	Implement dust control measures during material handling and transportation.	Water spraying was carried out during dry weather, construction material stockpiles were covered with tarpaulins, and haul trucks transporting construction materials remained covered. No stone crushing activities were undertaken	Complied	Continue dust suppression measures and regular monitoring during dry weather and earthworks.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			during the reporting period.		
22	Air Quality	Cover haul trucks and maintain internal access roads to minimize dust emissions.	Construction material transport vehicles used tarpaulin covers, and internal access roads were regularly watered and cleaned where necessary to control fugitive dust emissions.	Complied	Continue road cleaning, water spraying and inspection of material transportation practices.
23	Acoustic Environment	Prohibit stone crushing and other high-noise activities within the project site.	No stone crushing or other prohibited high-noise activities were undertaken during the reporting period. Routine inspections confirmed compliance with project requirements.	Complied	Continue monitoring compliance with noise control measures throughout construction.
24	Worker Health and Safety	Enforce the no-idling policy for construction vehicles and equipment.	Drivers were regularly instructed to minimize unnecessary engine idling during loading, unloading and waiting periods. Compliance was verified through routine site supervision.	Complied	Continue awareness programmes and routine monitoring of vehicle operations.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
25	Worker Health and Safety	Maintain worker hygiene facilities and implement communicable disease prevention measures.	Handwashing stations, safe drinking water and hygiene materials remained available throughout the reporting period. Health and hygiene awareness was reinforced during toolbox meetings and safety briefings.	Complied	Continue maintaining hygiene facilities and periodic health awareness programmes.
26	Worker Health and Safety	Implement the Emergency Response Plan and maintain emergency preparedness arrangements.	The Emergency Response Plan remained operational throughout the reporting period. Emergency procedures were communicated to workers during toolbox meetings, and first-aid kits and fire extinguishers were maintained at the construction site.	Complied	Conduct periodic emergency response orientation and mock drills where practicable.
27	Solid Waste	Implement proper waste segregation, collection and disposal procedures.	Waste bins were provided at designated locations, and domestic and construction waste was regularly segregated, collected and	Complied	Continue strengthening waste segregation practices and maintaining waste disposal records.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			disposed of through approved arrangements. Good housekeeping practices were maintained throughout the reporting period.		
28	Environmental Monitoring	Conduct environmental monitoring in accordance with the approved EMoP.	Environmental monitoring of ambient air quality, noise and water quality was undertaken in accordance with the approved Environmental Monitoring Plan (EMoP). Monitoring results remained within the applicable national standards.	Complied	Continue implementing the approved environmental monitoring programme throughout construction.
29	Environmental Reporting	Maintain environmental monitoring records and submit periodic environmental compliance reports.	Environmental monitoring records, inspection reports, training records and corrective action records were maintained by the Contractor and reviewed by the PIU and Environmental Specialist during the reporting period.	Complied	Continue maintaining environmental records and submitting periodic environmental monitoring reports.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
30	Overall EMP Implementation	Implement all applicable mitigation and monitoring measures specified in the EMP and CEMP.	Environmental mitigation and monitoring measures were implemented in accordance with the approved EMP and CEMP throughout the reporting period. No significant environmental non-compliances or major environmental incidents were observed during routine inspections.	Complied	Continue effective EMP implementation, routine environmental supervision and periodic performance review throughout the remaining construction period.

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**us of Executive Development Centre (EDC) at East West University (EWU),
Dhaka (Reporting Period: January–June 2026)**

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
1	IEE and EMP Update	Review and update the IEE/EMP to incorporate ADB comments and ensure that applicable environmental mitigation and monitoring requirements are reflected during construction.	The IEE and EMP for the EWU EDC were prepared and subsequently revised following ADB review comments. The applicable mitigation and monitoring requirements continued to guide environmental safeguard implementation during the reporting period.	Partially Complied	Finalize the updated IEE/EMP following ADB review and ensure implementation of all applicable mitigation and monitoring requirements during construction.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
2	CEMP Verification	Prepare, review and approve the Contractor's site-specific CEMP prior to/full implementation during construction, with clearly defined mitigation, monitoring and reporting responsibilities.	The Contractor prepared the site-specific CEMP and submitted it for review. The CEMP remained under review by SDCMU at the end of the reporting period.	Partially Complied – CEMP under review	Expedite review and formal approval of the CEMP and ensure full implementation following approval. Report the approval status/date in the subsequent SEMR.
3	Baseline Environmental Monitoring	Establish baseline environmental conditions prior to construction through monitoring of relevant environmental parameters.	Baseline environmental quality monitoring was conducted on 4 April 2026, prior to commencement of construction. The baseline study covered ambient air quality, noise, surface water and groundwater.	Complied	Use the baseline results as reference conditions for comparison with subsequent construction-phase environmental monitoring results.
4	Grievance Redress Mechanism	Establish and maintain an accessible GRM for workers and other stakeholders and publicly disclose grievance contact information.	GRM arrangements were established at the construction site. A GRM signboard was displayed to provide information on the grievance mechanism and relevant contact arrangements.	Complied	Continue maintaining the GRM signboard, grievance records and timely resolution of any complaints received during construction.
5	EMP/OHS Training and Awareness	Conduct environmental, OHS and site-specific awareness	Two worker training/awareness sessions were conducted during the reporting	Complied	Continue periodic environmental and OHS training, toolbox meetings and awareness

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
		programmes for construction workers.	period. Environmental and safety awareness activities were also undertaken to promote safe working practices and environmental compliance.		activities as construction progresses.
6	Labor	Prioritize local employment, where practicable, and provide appropriate worker welfare facilities in accordance with applicable requirements.	Workers were engaged for the initial construction activities and basic worker welfare arrangements were maintained at the site.	Complied	Continue maintaining appropriate worker welfare facilities and prioritize qualified local workers where practicable.
7	Materials Sourcing	Procure construction materials from approved/legal sources and ensure environmentally responsible transportation and storage.	Construction materials required for the initial works were procured and stored within designated areas of the construction site.	Complied	Continue procurement from approved/legal sources and maintain appropriate material storage and handling practices.
8	Surface Water	Prevent construction runoff, sediment and wastewater from adversely affecting nearby surface-water bodies and drainage systems.	Baseline surface-water sampling was conducted on 4 April 2026. During the initial construction period, site drainage, housekeeping and material-management measures were implemented to	Complied	Maintain drainage and sediment-control measures and undertake construction-phase surface-water monitoring in accordance with the IEE/EMoP.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			minimize contaminated runoff and sediment discharge.		
9	Groundwater	Establish baseline groundwater conditions and prevent contamination from construction activities, fuel, chemicals and sanitation facilities.	Baseline groundwater sampling was conducted on 4 April 2026. Fuel/material handling and sanitation arrangements were managed to minimize the potential for groundwater contamination.	Complied	Continue pollution-prevention measures and undertake subsequent groundwater monitoring in accordance with the IEE/EMoP.
10	Surface Water, Groundwater and Soils	Maintain equipment and implement spill-prevention measures to prevent contamination of soil and water resources.	Basic spill-prevention, material-storage and equipment-management measures were implemented during the initial construction activities. No significant spill or leakage was reported during the reporting period.	Complied	Continue routine inspection of equipment and storage areas and maintain spill-prevention and emergency-response arrangements.
11	Air Quality	Establish baseline air-quality conditions and implement dust-and emission-control measures during construction.	Baseline ambient air-quality monitoring was conducted on 4 April 2026 before construction commenced. During the initial construction activities,	Complied	Continue dust suppression and equipment-maintenance measures and undertake routine construction-phase air-quality monitoring in accordance with

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			housekeeping and dust-control measures were implemented as required.		the IEE/EMoP.
12	Soil	Minimize soil disturbance, prevent erosion and sediment transport, and properly manage excavated materials.	Disturbed areas and construction materials were managed within the designated construction area. Basic drainage, housekeeping and soil-management measures were implemented during the initial works.	Complied	Continue erosion and sediment-control measures, particularly during the monsoon period.
13	Acoustic Environment	Establish baseline noise conditions and minimize construction noise through appropriate working hours, equipment maintenance and other control measures.	Baseline noise-level monitoring was conducted on 4 April 2026. Construction commenced on 10 June 2026, and the initial activities were managed with appropriate site controls and safety arrangements.	Complied	Continue noise-control measures and undertake construction-phase noise monitoring in accordance with the IEE/EMoP, particularly as construction activities intensify.
14	Public Safety	Secure construction areas, restrict unauthorized access, install warning/safety signage and protect university students, staff and visitors from construction hazards.	Construction areas were demarcated and safety signage was displayed at appropriate locations. Access to construction work areas was controlled to minimize risks to university students, staff, visitors and	Complied	Maintain fencing/barricading, safety signage and controlled access throughout construction and strengthen measures as construction intensity increases.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			workers.		
15	Traffic and Pedestrian Safety	Manage construction traffic and material movement to minimize risks to pedestrians and other users of the university campus.	Construction access and vehicle/material movements were managed within the university premises. Safety signage and access-control measures were maintained around the construction area.	Complied	Continue traffic and pedestrian safety management, particularly during material delivery and movement of construction vehicles.
16	Public Health	Maintain adequate sanitation, housekeeping and hygiene measures and minimize construction-related health risks to workers and campus users.	Basic sanitation, housekeeping and hygiene arrangements were maintained during the initial construction activities. Environmental and safety awareness activities were also conducted.	Complied	Continue maintaining sanitation, housekeeping and hygiene measures throughout construction.
17	Worker Health and Safety	Implement OHS requirements, provide appropriate PPE, conduct safety induction/training and maintain safe working conditions.	Appropriate OHS measures were implemented during the initial construction period. PPE use, safety signage and site supervision were maintained, and two worker training/awareness sessions were completed. No fatality or LTI was reported during the reporting period.	Complied	Continue routine OHS inspections, PPE enforcement, toolbox meetings and refresher safety training as construction progresses.

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
18	Worker Health	Provide safe drinking water, sanitation and appropriate hygiene facilities and promote worker health awareness.	Basic drinking-water, sanitation and hygiene arrangements were provided for workers during the reporting period. Worker awareness activities reinforced safe and hygienic working practices.	Complied	Continue maintaining worker welfare and hygiene facilities and conduct regular health and hygiene awareness activities.
19	Construction Waste	Segregate construction waste and maximize reuse/recycling while ensuring appropriate disposal of residual waste.	During the initial construction period, approximately 3.5 tonnes of concrete/brick waste was managed for recycling/reuse, approximately 1 tonne of steel waste was retained for sale/recycling, and approximately 230 kg of domestic waste was generated and managed through the available municipal waste collection arrangement.	Complied	Continue waste segregation, reuse/recycling and appropriate disposal, and maintain package-specific waste-generation and disposal records.
20	Waste Oils	Properly collect, store and dispose/recycle used oils and lubricants generated during construction.	No used oil was reported as generated at the EWU construction site during January–June 2026. Therefore, off-site disposal or recycling of used oil was not required during the reporting	Complied / No used oil generated	Continue monitoring generation of waste oil and, if generated, ensure appropriate storage and disposal/recycling in accordance with the applicable

Sl.	Parameter	Measures Proposed in the IEE/EMP	Actual Measures Taken	Compliance Status	Recommended Action
			period.		requirements.
21	Environmental Quality Monitoring	Conduct environmental quality monitoring in accordance with the IEE/EMP/EMoP and compare construction-phase conditions with established baseline conditions.	Baseline monitoring of air quality, noise, surface water and groundwater was completed on 4 April 2026. Construction commenced on 10 June 2026. Due to the limited construction period before the end of June, routine construction-phase instrumental monitoring was not undertaken during the remaining reporting period.	Complied for baseline monitoring; construction-phase monitoring to continue	Commence routine construction-phase environmental quality monitoring during the subsequent reporting period in accordance with the IEE/EMoP and compare the results with the April 2026 baseline.
22	Environmental Awareness	Conduct awareness activities on environmental protection, pollution prevention, housekeeping, OHS and appropriate site practices.	Environmental and safety awareness activities/campaigns were conducted during the initial construction period to strengthen workers' understanding of environmental and OHS requirements.	Complied	Continue environmental awareness campaigns and integrate relevant topics into regular toolbox meetings and worker training.

(g) EMP Status of Khulna TTC (Reporting Period: January–June 2026)

The civil works at Khulna TTC are small in scale, comprising construction of an approach road, cafeteria and associated ancillary works. During the January–June 2026 reporting period, construction activities were limited and the number of workers engaged at the site was generally fewer than five. Considering the small scale, nature and limited environmental footprint of the works, comprehensive environmental quality monitoring, including instrumental monitoring of ambient air quality, noise, surface water and groundwater, was not undertaken during the reporting period. Environmental management was carried out through implementation of the approved Environmental Code of Practice (ECoP) and routine site

supervision. Applicable environmental and OHS measures included good housekeeping, appropriate management of construction and domestic wastes, dust and noise control, maintenance of site drainage and cleanliness, use of appropriate PPE, safety signage, controlled access to the work areas, and protection of workers and TTC users. No significant environmental pollution, environmental incident, fatality, Lost Time Injury (LTI), or public-safety incident was reported during the reporting period. Overall, the environmental impacts associated with the Khulna TTC works remained minor, localized and manageable through implementation of the applicable ECoP measures. Routine site supervision and implementation of the ECoP will continue throughout the remaining construction period.

3.2 Compliance with ADB SPS 2009 policies

The compliances including IEE and CEMP of civil works under SICIP program are being listed and updated in the following table.

Table 3-2: The compliance status of SICIP with respect to ADB SPS 2009

ADB Safeguard Policy Statement		Contract Package Status								
		NATI	STTL	Sylhet TTC	KWT (Dorm)	KWT (Aca)	Khulna TTC	EWU	IBA (DU)	BUTEX
i. IEE	Preparation status	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared	Prepared
	Approval status	Under review	Under review	Approved	Approved	Under review	Approved	Under review	Under review	Under review
	Disclosure status	Not yet	Not yet	Disclosed (under SEIP Program)	Disclosed (under SEIP Program))	Not yet	Disclosed (under SEIP Program)	Not yet	Not yet	Not yet
	Compliance status	Partially Complied	Partially Complied	Complied	Complied	Partially Complied	Complied	Partially Complied	Partially Complied	Partially Complied
ii. CEMP	Preparation status	Prepared	Prepared	Prepared	Prepared	Separate package-specific CEMP under preparation.	ECoP Prepared	Prepared	N/A for this monitoring period	N/A for this monitoring period
	Approval status	Approved	Approved	Approved	Approved	Not yet	Approved	Under review	N/A for this monitoring period	N/A for this monitoring period
	Disclosure status	Not yet	Not yet	Not yet	Not yet	Not yet	Not yet	Not yet	N/A for this monitoring period	N/A for this monitoring period
	Compliance status	Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	N/A for this monitoring period	N/A for this monitoring period
iii. Information		Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	Partially Complied	N/A for this monitoring period	N/A for this monitoring period

ADB Safeguard Policy Statement	Contract Package Status								
	NATI	STTL	Sylhet TTC	KWT (Dorm)	KWT (Aca)	Khulna TTC	EWU	IBA (DU)	BUTEX
disclosed								g period	period
	Disclosure of the EMR on the SICIP website has not yet been completed during the reporting period. Disclosure is planned rather than already undertaken.							N/A for this monitoring period	N/A for this monitoring period
iv. Consultation and participation have been done and public opinion has been used in project design phase.	Complied	Complied	Complied	Complied	Complied	Complied	Complied	Complied	Complied
	Consultations were done during IEE development.					N/A	Consultations were done during IEE development.		
v. Establishment of GRC and notes of grievances	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	GRCs established for each package.							N/A for this monitoring period	N/A for this monitoring period
vi. Monitoring and reporting: reporting: client will document regular monitoring results, in case of adverse significant affects external NGO will be involved as third party monitoring	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	Semi-annual environmental monitoring report is being submitted for Jan to June 2026.						Not yet (Next EMR)	N/A for this monitoring period	N/A for this monitoring period
vii. Unanticipated environmental impacts	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	Unanticipated environmental impacts not found yet							N/A for this monitoring period	N/A for this monitoring period
viii. Biodiversity Conservation and Sustainable Natural Resource Management: The borrower/client will assess the significance of project impacts and risks on biodiversity and natural resources as an integral part of the environmental	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	The assessment was done during the development of IEE. The project does not impact any critical habitat.							N/A for this monitoring period	N/A for this monitoring period

ADB Safeguard Policy Statement assessment process	Contract Package Status								
	NATI	STTL	Sylhet TTC	KWT (Dorm)	KWT (Aca)	Khulna TTC	EWU	IBA (DU)	BUTEX
ix. Pollution prevention: During the design, construction, and operation of the project the borrower/client will apply pollution prevention and control technologies and practices consistent with international good practice, as reflected in internationally recognized standards such as the World Bank Group's Environment, Health and Safety Guidelines.	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	The project applied pollution prevention and control measures during the design, construction, and operation phases in accordance with international good practices and relevant national regulations. Pollution prevention and control technologies and practices were implemented consistent with the World Bank Group Environmental, Health and Safety (EHS) Guidelines and applicable environmental safeguard requirements. These measures included dust suppression, proper waste management, control of wastewater discharge, noise reduction measures, safe handling and storage of construction materials and fuels, housekeeping practices, and implementation of site-specific Environmental Management Plans (EMPs) and Construction Environmental Management Plans (CEMPs) at the project sites.							N/A for this monitoring period	N/A for this monitoring period
x. Health and safety: The borrower/client will provide workers with a safe and healthy working environment, taking into account risks inherent to the particular sector and specific classes of hazards in the borrower's/client's work areas, including physical, chemical, biological, and radiological hazards.	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	Contractors have developed OHS plans in the respective sites.							N/A for this monitoring period	N/A for this monitoring period
xi. Physical and cultural resources: The borrower/client is responsible for siting and designing the project to avoid significant damage to physical cultural resources	Complied	Complied	Complied	Complied	Complied	Complied	Complied	N/A for this monitoring period	N/A for this monitoring period
	The project design considered the important cultural and physical resources in the project sites							N/A for this monitoring period	N/A for this monitoring period

3.3 Compliance with loan covenants

The compliance with loan covenants with status are presented in the following table.

Table 3-3: The compliance status with respect to loan covenants

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
4	1	Implementation Arrangements The Borrower shall ensure, or cause the Program Executing Agency to ensure, that the Program is implemented in accordance with the detailed arrangements set forth in the PID. Any subsequent change to the PID shall become effective only after approval of such change by the Borrower and ADB. In the event of any discrepancy between the PID and this Loan Agreement, the provisions of this Loan Agreement shall prevail.	Ongoing/ Being Complied	Project period	Program implementation arrangements are being followed in accordance with the PID and Loan Agreement requirements.
4	2	Implementation Arrangements The Borrower shall ensure that the aggregate amount of Eligible Expenditures under the Program is equal to or exceeds the Loan proceeds withdrawn by the Borrower for the Program. Such Eligible Expenditures are part of the expenditures incurred under SDF, but they exclude any expenditures for (a) procurement of works, goods and services from countries which are not members of ADB; (b) procurement of works, goods and services from persons or entities debarred or suspended by ADB; (c) procurement involving High-Value Contracts; (d) any activities which are classified as category A for environmental impact under the SPS; (e) any activities assessed as likely to have significant adverse impacts that are sensitive, diverse, or unprecedented on environment and/or affected people; and (f) any activities which are prohibited investment activities provided in Appendix 5 of the SPS.	Ongoing/ Being Complied	Project period	Eligible expenditure requirements and exclusion criteria are being monitored during program implementation.

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
4	3	DLI Compliance and Program Dialogue The Borrower shall ensure that all DLIs achieved under the Program continue to be complied with for the duration of SDF.	Ongoing/ Being Complied	Project period	Achieved DLIs are being monitored and maintained during program implementation.
4	4	DLI Compliance and Program Dialogue The Borrower shall keep ADB informed of discussions with other multilateral or bilateral aid agencies that may have implications for the implementation of SDF and the Program and shall provide ADB with an opportunity to comment on any resulting proposals. The Borrower shall give due consideration to ADB's views before finalizing and implementing any such proposal.	Ongoing/ Being Complied	Project period	ADB is informed as required regarding relevant discussions and program-related coordination activities.
4	5	DLI Compliance and Program Dialogue Within 9 months of the Effective Date, the Borrower shall appoint an independent verification agency with qualifications, experience, and expertise acceptable to ADB to provide independent verification of the achievement of the DLIs.	Ongoing/ Being Complied	Project period	Appointment process for the IVA is ongoing.
4	6	Technical Requirements The Borrower shall ensure that all Program Actions in the area of technical requirements are implemented in a timely and efficient manner.	Ongoing/ Being Complied	Project period	Technical requirements are being implemented during program execution.
4	7	Financial Management The Borrower shall ensure that all Program Actions in the area of financial management are implemented in a timely and efficient manner.	Ongoing/ Being Complied	Project period	Financial management activities are being implemented in accordance with program requirements.
4	8	Procurement The Borrower shall ensure that each contract under the Program is awarded on the basis of the Program's procurement system, having due regard for principles of competition, economy and efficiency, transparency, and fairness and equal opportunity.	Ongoing/ Being Complied	Project period	Procurement activities are being conducted following the approved procurement procedures and guidelines.
4	9	Procurement	Ongoing/ Being	Project	Procurement-

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
		The Borrower shall ensure that all Program Actions in the area of procurement are implemented in a timely and efficient manner.	Complied	period	related actions are under implementation.
4	10	Environmental and Social Safeguards The Borrower shall ensure that all Program Actions in the area of environmental and social safeguards are implemented in a timely and efficient manner.	Ongoing/ Being Complied	Project period	Environmental and social safeguard activities are being implemented and monitored during project execution.
4	11	Environmental and Social Safeguards (a) The Borrower shall ensure, or cause the Program Executing Agency to ensure that no construction or rehabilitation works under the Program involve significant adverse environmental impacts that may be classified as category A under the SPS. Prior to commencing any construction or rehabilitation works under the Program, the Borrower shall conduct, or cause the Program Executing Agency to conduct, a screening to ensure that any works that may be classified as category A for environment impacts within the meaning of SPS are excluded from the Program.	Complied;	Project period	Environmental screening was conducted for subprojects prior to commencement of construction activities. No Category-A activities were included under the Program.
4	11	Environmental and Social Safeguards (b) The Borrower shall ensure, or cause the Program Executing Agency to ensure, that the preparation, design, construction, implementation, operation and decommissioning of all activities under the Program comply with: (i) all applicable laws, regulations and guidelines of the Borrower relating to environment, health and safety; (ii) the Environmental Safeguards; and (iii) all measures and requirements, including monitoring requirements set forth in the Program Action Plan.	Ongoing/ Being Complied	Project period	Environmental safeguard measures, monitoring activities, and OHS requirements are being implemented at active construction sites.
4	12	Environmental and Social Safeguards The Borrower shall ensure, or cause the Program Executing Agency to ensure, that the Program does not involve any resettlement risks or impacts within the meaning of the SPS. If due to unforeseen circumstances, the Program involves any such impacts, the Borrower shall ensure that	Complied	Project period	No involuntary resettlement impacts were identified under the Program during the reporting period.

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
		the Program complies with (a) all applicable laws and regulations of the Borrower relating to resettlement; (b) Involuntary Resettlement Safeguards; and (c) all measures and requirements, including monitoring requirements set forth in the Program Action Plan.			
4	13	Environmental and Social Safeguards The Borrower shall ensure, or cause the Program Executing Agency to ensure, that the preparation, design, construction, implementation, operation and decommissioning of all activities under the Program comply with: (a) all applicable laws and regulations of the Borrower relating to tribes, minor races, ethnic sects and communities; (b) Indigenous Peoples Safeguards; and (c) all measures and requirements, including monitoring requirements set forth in the Program Action Plan.	Complied	Project period	No impacts on tribes, minor races, ethnic sects, or Indigenous Peoples were identified under the Program.
4	14	Gender and Social Equality The Borrower shall ensure that all Program Actions in the area of gender and social equality are implemented in a timely and efficient manner.	Ongoing/ Being Complied	Project period	Gender and social equality activities are being implemented under the Program.
4	15	Governance and Anticorruption The Borrower shall ensure, or cause the Program Executing Agency to ensure that the Program complies with the Anticorruption Guidelines and that all appropriate and timely measures are taken to prevent, detect and respond to allegations of fraud, corruption or any other prohibited activities relating to the Program in accordance with the Anticorruption Guidelines.	Ongoing/ Being Complied	Project period	Governance and anticorruption measures are being maintained during program implementation.
4	16	Governance and Anticorruption The Borrower shall, or cause the Program Executing Agency to (a) promptly inform ADB of any allegations of fraud, corruption or any other prohibited activities relating to the Program; and (b) cooperate fully with any investigation by ADB on such allegations and extend all necessary assistance, including providing access to all relevant records, for satisfactory completion	Ongoing/ Being Complied	Project period	Necessary institutional arrangements remain in place for reporting and cooperation requirements.

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
		of such investigation.			
4	17	Governance and Anticorruption Within 90 days of the Effective Date, the Borrower shall, or cause the Program Executing Agency to, update its public website to (a) provide information on bidding procedures, bidders, contract awards and physical progress of the Program; (b) post the audited annual financial statements for the Program, as such financial statements become available; and (c) disseminate other relevant information on Program implementation.	Ongoing/ Being Complied	Project period	Relevant program information is being updated on the public website periodically.
Article IV		4.02 (a) The Borrower shall (i) maintain separate accounts and records for the Program; (ii) prepare annual financial statements for the Program in accordance with financial reporting standards acceptable to ADB; (iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with auditing standards acceptable to ADB; (iv) as part of each such audit, have the auditors prepare a report, which includes the auditors' opinion(s) on the financial statements and the use of the Loan proceeds, and a management letter (which sets out the deficiencies in the internal control of the Program that were identified in the course of the audit, if any); and (v) furnish to ADB, no later than 9 months after the end of each related Fiscal Year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	Ongoing/ Being Complied	Project period	Financial management and audit activities are being carried out in accordance with ADB requirements.
Article IV		4.02 (b) ADB shall disclose the annual audited financial statements for the Program and the opinion of the auditors on the financial statements within 14 days of the date of ADB's confirmation of their acceptability by posting them on ADB's website.	Complied	Project period	Requirement acknowledged and subject to ADB disclosure procedures upon acceptance of audit documents.
Article IV		4.02 (c) The Borrower shall enable ADB, upon ADB's request, to discuss the financial statements for the Program and the Borrower's financial affairs where they relate	Complied	Project period	Necessary arrangements for cooperation with ADB and

Sched- ule	Para No.	Description	Compliance Status	Time frame for CAP, if any	Remarks
		to the Program with the auditors appointed pursuant to subsection (a)(iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree.			auditors are in place.

4 STRATEGY FOR COVID-19 PANDEMIC AND H&S GUIDELINE

During the COVID-19 pandemic, the Design and Supervision Consultant (DSC) team completed the design, engineering drawings, technical specifications, and Bills of Quantities (BoQs) by adopting a combination of virtual coordination, site visits, and technical analyses. Site visits were conducted after the resumption of international flights and in accordance with the COVID-19 health and safety guidelines issued by the Government of Bangladesh (GoB) and the Asian Development Bank (ADB). Appropriate preventive measures, including hand hygiene, respiratory hygiene, physical distancing, and the use of personal protective equipment (PPE), were observed throughout field activities. Individual transportation was used for site visits to minimize exposure risks, while virtual communication platforms were utilized for meetings, coordination, and technical discussions whenever feasible.

Table 0-1: The compliance status of SICIP with respect to COVID-19

S L	COVID-19 Response questions	NATI	STTL - Chittagong	Kumudini Dormitory Building	Sylhet TTC	Kumudini Academic Building	Khulna TTC	EWU
1	Site re-opening and entry protocol							
	Locate the closest medical establishment equipped with COVID -19 response facilities.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Engage a full time EHS professional at site	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Purchase thermometer gun, soap, hand sanitizer, disinfectants and PPEs (mask, hand gloves, hard shoes etc.) and keep it at worksite office.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Establish site entrance protocol. Redesign the site safety notices/ signboards/ protocol according to the ADB guidelines	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Arrange washbasin, soap and clean water at the entrance of every worksite/campsite. Also keep either a disinfectant tub for shoes or keep disinfectant spray that must be sprayed under the boots/hard shoes of the persons entering worksite.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Provide every personnel working in the site with mask, hand gloves and hard shoes for their personal use.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Everyone entering the worksite must wear a mask, gloves and hard shoes	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
2	Daily worksite protocol							
	A designated EHS and medical person should stay all time during work. The EHS/Medical person should also monitor campsite. He/she will be in charge of ensuring physical distances (minimum 1m) among workers, disinfecting surfaces that are commonly used and investigate workers/site personnel health and safety.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied

S L	COVID-19 Response questions	NATI	STTL - Chittagong	Kumudini Dormitory Building	Sylhet TTC	Kumudini Academic Building	Khulna TTC	EWU
	At the start and end of the day disinfect the total worksite.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Encourage site personnel/camp dwellers to not touch their eyes, mouth or nose if not washed thoroughly with soap recently. Also discourage hand shaking or hugs.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Arrange a mandatory site brief on COVID awareness in the morning. The session must be conducted by the EHS/medical professional.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	While worksites are commonly well ventilated (if not make sure the work sites are well ventilated), ensure that the camp sites including the rooms designated for the camp dwellers are well ventilated and spacious.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Before sharing common tools/machines at worksite, ensure to disinfect.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Discourage site personnel to gather and gossip at any time, rather encourage physical distance while chatting/discussing.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	Restrict worksite personnel to go outside unnecessarily. Also restrict campsite personnel to go outside without any valid cause.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
	If any person related at worksite/campsite fall victim to COVID-19 or being kept isolated for pre-caution, consider paid leave with no exception allowed.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied
3	Every day training							
	Train workers on how to properly put on, use/wear, and take off protective clothing and equipment. The on-site EHS/Medical person should be in-charge of these trainings. These trainings must maintain the WHO's social distancing protocol. Make these trainings mandatory at worksites. Provide 10-15 minutes of a workday for such 'training and encouragement' activities.	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied	Being Complied

5 OCCUPATIONAL HEALTH AND SAFETY (OHS) IMPLEMENTATION STATUS

Occupational Health and Safety (OHS) remained a key component of environmental and social safeguard implementation during the reporting period (January–June 2026). In accordance with the approved Construction Environmental Management Plans (CEMPs), Environmental Management Plans (EMPs), applicable national labour and occupational safety regulations, and the ADB Safeguard Policy Statement (SPS), 2009, comprehensive OHS measures were implemented across all active construction subprojects under the Skills for Industry Competitiveness and Innovation Program (SICIP). These subprojects included the Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC); Modern Well-Equipped Nursing & Caregiving Student Dormitory under Kumudini Welfare Trust of Bengal (BD) Ltd.; Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail; Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi; Sylhet Technical Training Centre (TTC); Construction of Approach Road, Cafeteria and Other Ancillary Works at Khulna Technical Training Centre (TTC); and the Executive Development Centre (EDC) at East West University (EWU).

The Contractors were responsible for implementing the site-specific OHS requirements under the supervision of the Project Implementation Unit (PIU), Site Engineers, Environmental, Health and Safety (EHS) personnel, and supervision consultants. Regular site inspections and safety audits were carried out to verify compliance with the approved CEMPs and project-specific OHS procedures. The implementation of OHS measures focused on hazard identification and risk control, safe work practices, proper housekeeping, site security and access control, mandatory use of appropriate Personal Protective Equipment (PPE), traffic and pedestrian safety, electrical safety, working-at-height protection, excavation safety, fire prevention, and safe storage and handling of fuels, chemicals, and hazardous materials.

Throughout the reporting period, routine toolbox meetings, safety inductions for newly recruited workers, and periodic OHS training sessions were conducted to improve workers' awareness of occupational hazards and reinforce safe working practices. Emergency preparedness measures, including the availability of first-aid facilities, fire extinguishers, emergency contact information, evacuation procedures, and incident response arrangements, were maintained at all active construction sites. Contractors also maintained records of daily safety inspections, toolbox meetings, training activities, and accident and incident reporting in accordance with the approved CEMPs.

Overall, the implementation of OHS measures during the reporting period was satisfactory. Regular monitoring confirmed that the prescribed safety requirements were generally complied with across the active construction sites. No fatal accidents or major occupational health and safety incidents were reported during the reporting period. Minor safety observations identified during routine inspections were promptly addressed through corrective actions, and continuous supervision and refresher training were provided to further strengthen OHS performance throughout project implementation.

5.1 Site Security and Access Control

Site security and access control measures were implemented and maintained at all active construction sites throughout the reporting period in accordance with the approved Construction Environmental Management Plans (CEMPs) and site-specific Occupational Health and Safety (OHS) procedures. All SICIP construction activities are being implemented within the premises of existing educational institutions, each of which is enclosed by a permanent boundary wall with controlled campus access. Although the construction sites are located within these secured campuses, additional site-specific security and access control measures were implemented to protect students, faculty members, visitors, and construction workers from construction-related hazards. Each construction area was clearly demarcated using temporary fencing, barricades, and safety barriers to separate construction activities from normal institutional operations and to prevent unauthorized entry into active work zones. Designated access points were established for construction personnel and vehicles, while site entry and exit were controlled by security personnel or authorized site representatives. These measures effectively minimized the risk of accidents, ensured safe movement within the campuses, and maintained a secure working environment throughout the reporting period.

All workers, visitors, and authorized personnel were required to comply with site access procedures before entering the construction areas. Visitor registers and attendance records were maintained at the site offices, and visitors were briefed on basic safety requirements before entering active work zones. Mandatory personal protective equipment (PPE) was required for all personnel entering construction areas, and access was restricted to authorized persons only.

Safety information boards, warning signs, emergency contact information, and mandatory PPE signage were installed at appropriate locations throughout the project sites to enhance safety awareness. Hazard warning signs, restricted access notices, and directional signs were regularly inspected and maintained to ensure their visibility and effectiveness. Construction materials, equipment storage areas, and hazardous material storage locations were appropriately secured to minimize safety risks.

Routine site inspections undertaken by the Contractor, Site Engineers, Environmental, Health and Safety (EHS) personnel, and the Project Implementation Unit (PIU) confirmed that site security and access control measures were generally maintained in accordance with the approved CEMPs throughout the reporting period. No significant incidents related to unauthorized site access or public safety were reported.

5.2 Personal Protective Equipment (PPE)

Personal Protective Equipment (PPE) was provided and used at all active construction sites throughout the reporting period in accordance with the approved Construction Environmental Management Plans (CEMPs), Occupational Health and Safety (OHS) Plans, and site-specific safety procedures. Contractors supplied appropriate PPE to workers based on the nature of their assigned tasks. Standard PPE included safety helmets, high-visibility reflective vests, safety shoes, hand gloves, safety goggles, hearing protection (where required), and dust

masks or respirators for activities generating dust. Workers engaged in specialized activities were provided with additional protective equipment appropriate to the associated occupational hazards.

Routine site inspections confirmed that PPE was generally used by construction workers at the Smart Textile Technology Living Lab (STTL), Chittagong Textile Engineering College (CTEC); Narsingdi Automotive Training Institute (NATI); Sylhet Technical Training Centre (TTC); Modern Well-Equipped Nursing & Caregiving Student Dormitory under Kumudini Welfare Trust (KWT); Kumudini Nursing Institute (Academic Building) and Executive Development Centre (EDC) at East West University (EWU). Site Engineers, Environmental, Health and Safety (EHS) personnel, and Contractor representatives conducted regular safety inspections to verify the availability, condition, and proper use of PPE. Damaged or worn-out PPE was replaced promptly, and workers were reminded to use the required protective equipment before commencing work. A sample routine safety inspection form is shown in Figure 8. Details of PPE inspections and site safety checklist are in Annex 17.

SITE SAFETY CHECKLIST FORMAT					
Project Name: <u>Nursing Academic Building(KWT)</u>					
Location: <u>Kumudini Hospital Mirzapur,Tangail.</u>					
Date: <u>06/01/2026</u>					
Contractor Company: <u>Sheltech Engineering Ltd</u>					
Safety Officer Name: <u>MD. Borhan-A-Hasin</u>					
WORKER DETAILS					
Sl. No.	Worker Name	ID No.	Trade/Skill	PPE Checked (✓/X)	Signature
01	Sagor Ali	22	Foreman	✓	<i>[Signature]</i>
02	Hussain	08	Rod Mason	✓	<i>[Signature]</i>
03	Jamiruddin	14	Rod Mason	✓	<i>[Signature]</i>
04	Kanon	19	Helper	✓	<i>[Signature]</i>
05	Halim	23	Rod Mason	✓	<i>[Signature]</i>
06	Kauser	06	Helper	✓	<i>[Signature]</i>
07	Habib	01	Rod Mason	✓	<i>[Signature]</i>
08	Ibrahim	30	Helper	✓	<i>[Signature]</i>
09	Mukul	33	Helper	✓	<i>[Signature]</i>
10	Mokaddes	38	Helper	✓	<i>[Signature]</i>

SAFETY CHECKLIST ITEMS				
Sl. No.	Safety Item Description	Yes (✓)	No (X)	Remarks
1	Work Permit Approved	✓		
2	Risk Assessment Available	✓		
3	Barricades & Signboards Installed	✓		
4	PPE Provided to Workers	✓		
5	Equipment Inspection Done	✓		
6	Emergency Contact Displayed	✓		
7	First Aid Box Available	✓		
8	Fire Extinguisher Available	✓		

TOOL / EQUIPMENT CHECK		
Tool/Equipment Name	Inspection Status (OK/NOT OK)	Remarks
First Aid Box	OK	
Fire Extinguisher	OK	

DECLARATION & SIGNATURES	
Safety Officer Name & Signature: <u>MD. Borhan-A-Hasin</u>	Date: <u>06/01/2026</u>
Contractor Representative Signature: <u>MD. Hamidul Islam</u>	Date: <u>06/01/2026</u>
CSC / Consultant Signature: <u>MD. Robiul Islam</u>	Date: <u>06/01/2026</u>

(a) PPE Inspection at Site

(b) Site Safety Inspection

Figure 7: Routine Safety Inspection

Compliance with PPE requirements was reinforced through daily toolbox meetings, routine safety briefings, and continuous site supervision. Minor instances of inconsistent PPE use, such as the improper use of gloves or dust masks during low-risk activities, were occasionally observed during inspections. These deficiencies were immediately addressed through on-site instructions, supervisory intervention, and refresher safety awareness sessions. No major non-compliance related to PPE usage was identified during the reporting period.

Overall, periodic PPE inspections and continuous supervision confirmed satisfactory compliance with project OHS requirements across all active SICIP construction sites. The implementation of PPE requirements contributed to maintaining a safe working environment and minimizing occupational health and safety risks throughout the reporting period.

5.3 Accident and Incident Reporting

Accident and incident reporting procedures were implemented at all active construction sites in accordance with the approved Construction Environmental Management Plans (CEMPs) and Occupational Health and Safety (OHS) procedures. Contractors maintained site-level accident and incident registers to record occupational injuries, first aid cases, near-miss events, and any other safety-related occurrences. All reported incidents were investigated by the Contractor in coordination with the Site Engineer and Environmental, Health and Safety (EHS) personnel to identify the causes and implement appropriate corrective and preventive measures. Regular safety inspections, toolbox meetings, and continuous supervision contributed to minimizing workplace hazards and improving overall safety performance.

No fatal accidents or lost-time injuries were reported during the reporting period (January–June 2026). A small number of minor first aid cases and near-miss incidents occurred at several project sites. These incidents were managed promptly at the site level, recorded in the respective site registers, and followed by appropriate corrective actions and safety awareness measures to prevent recurrence. A summary of occupational health and safety incidents recorded during the reporting period is presented in Table 5-1.

Table 5-1: Summary of Incidents

Type of Incident	STTL - CTG	KWT Dormitory	NATI	Sylhet TTC	KWT Academic Building	Khulna TTC	EWU	Total
Fatal Accidents	0	0	0	0	0	0	0	0
Lost Time Injuries	0	0	0	0	0	0	0	0
First Aid Cases	4*	4*	3*	2*	3*	0	0	16
Near Miss Incidents	1*	0	0	0	1*	0	0	2

*Note: Minor first aid and near-miss cases were managed at site level and recorded in site registers.

During January–June 2026, a total of 16 first-aid cases and two near-miss incidents were recorded across the active SICIP construction sites. No fatality or Lost Time Injury (LTI) was reported. The recorded cases mainly involved minor cuts, abrasions, material-handling injuries, contact with construction materials, and dropped-object hazards. Immediate first-aid treatment was provided to the affected workers, while the near-miss incidents did not result in injury. The causes, corrective actions, preventive measures and closure status of the recorded cases are summarized below. Lessons learned from the incidents will continue to be communicated through toolbox meetings and site-level OHS supervision.

Table 5-2: Summary of First-Aid Cases and Near-Miss Incidents during January–June 2026

Package	Incident Type	No. of Cases	Brief Cause / Nature	Corrective Action Taken	Preventive Action	Closure Status
STTL Chattogram	First aid	4	Minor injuries occurred during routine construction activities: (i) leg cut when a grinding machine slipped during hollow-block cutting; (ii) finger injury when a U-head prop fell during staging for ceiling plastering; (iii) toe injury from a dropped brick during material handling; and (iv) hand injury during steel-rebar handling.	Immediate first aid was provided in all cases. The worker sustaining the leg cut was additionally transferred to Mirsarai Upazila Health Complex for further treatment.	Reinforce safe use of cutting/grinding equipment; secure staging components and U-head props; improve manual material-handling practices; use suitable gloves and safety footwear; and reinforce task-specific toolbox briefings.	Closed – first-aid/treatment provided; no LTI reported.
STTL Chattogram	Near miss	1	A piece of rebar fell from the 3rd floor during shuttering-support activities and landed close to a Site Engineer passing below. No injury occurred.	No injury was reported. The incident was recorded for safety follow-up.	Strengthen barricading/exclusion zones beneath overhead work; secure loose materials and rebars at height; prohibit access below active overhead work; and reinforce dropped-object prevention during toolbox meetings.	Closed with preventive follow-up – no injury; continued monitoring of overhead-work controls required.
NATI Narsingdi	First aid	3	Minor injuries included a palm scratch from sharp steel-binding wire,	Wounds were cleaned, dressed and	Reinforce use of appropriate gloves and eye protection; ensure safe handling of binding wire and	Closed – all cases treated through first aid; no LTI

Package	Incident Type	No. of Cases	Brief Cause / Nature	Corrective Action Taken	Preventive Action	Closure Status
			cement mortar splashing into a worker's eye during plastering, and a finger cut from the sharp edge of an electrical conduit during cable installation.	bandaged as appropriate. The affected eye was immediately washed with clean water and first aid was provided.	conduits; provide accessible eyewash/clean water; and conduct task-specific safety briefings before plastering, reinforcement and electrical works.	reported.
KWT Student Dormitory	First aid	4	Minor injuries occurred during shutter-frame installation, stone chipping, roof rebar work and preparation of reinforcement rings. These included minor skin abrasion, shoulder pain, knee abrasion and abdominal discomfort.	First-aid treatment was provided to the affected workers.	Improve manual handling and ergonomic practices; maintain safe working posture; ensure proper handling of shuttering and reinforcement materials; use appropriate gloves, protective clothing and other PPE; and strengthen task-specific toolbox talks.	Closed – first-aid treatment provided; no LTI reported.
Sylhet TTC	First aid	2	Minor injuries comprised a cut in hand during rod cutting, minor skin peeling/abrasion at arm during construction activities.	First-aid treatment was provided to both the affected workers.	Reinforce safe rod-cutting and rebar-handling procedures; use gloves and appropriate protective clothing; maintain safe working positions and adequate workspace clearance; and reinforce task-specific toolbox briefings.	Closed – first-aid treatment provided; no LTI reported.

Package	Incident Type	No. of Cases	Brief Cause / Nature	Corrective Action Taken	Preventive Action	Closure Status
KWT Academic Building	First aid	3	Minor injuries comprised a cut below the knee during rod cutting, minor skin peeling/abrasion at the wrist, and minor skin abrasion on the back during construction activities.	First-aid treatment was provided to all affected workers.	Reinforce safe rod-cutting and rebar-handling procedures; use gloves and appropriate protective clothing; maintain safe working positions and adequate work-space clearance; and reinforce task-specific toolbox briefings.	Closed – first-aid treatment provided; no LTI reported.
KWT Academic Building	Near miss	1	A small piece of rebar fell accidentally from the 1st floor staircase area and landed approximately two feet from a worker standing on the ground-floor staircase. No injury occurred.	No injury was reported. The incident was recorded for safety follow-up.	Secure loose materials at elevated work areas; install/maintain barricades and exclusion zones below overhead activities; control access to staircases during overhead work; and reinforce dropped-object prevention and working-at-height requirements.	Closed with preventive follow-up – no injury; continued verification of dropped-object controls required.

The recorded first-aid cases were minor in nature and were addressed through immediate first-aid treatment, with further medical attention provided where required. The two near-miss incidents involved falling rebar and did not result in injury. Preventive measures have been identified based on the nature of the incidents, including strengthened material-handling practices, appropriate PPE use, dropped-object prevention, establishment of exclusion zones for overhead work, and reinforcement of task-specific safety instructions through toolbox meetings. Continued OHS supervision and follow-up will be maintained to prevent recurrence.

5.4 First Aid and Emergency Preparedness

First aid and emergency preparedness measures were implemented at all active construction sites in accordance with the approved Construction Environmental Management Plans (CEMPs) and site-specific Occupational Health and Safety (OHS) procedures. Contractors

maintained adequate first aid facilities at each construction site, including fully stocked first aid boxes containing essential medical supplies for the immediate treatment of minor injuries. First aid kits were regularly inspected and replenished as necessary to ensure their availability throughout the reporting period.

Fire prevention and emergency response measures were also maintained at all construction sites. Fire extinguishers were installed and regularly inspected at site offices, material storage areas, workers' accommodation facilities, and other locations where fire hazards were identified. Emergency access routes were kept unobstructed, and emergency contact information was prominently displayed at site offices and other strategic locations to facilitate timely response in the event of an emergency.

Workers received emergency preparedness orientation during site induction programmes, toolbox meetings, and periodic occupational health and safety training sessions. The training covered emergency reporting procedures, fire prevention, first aid arrangements, evacuation procedures, and the roles and responsibilities of workers during emergency situations. Site Engineers, Environmental, Health and Safety Officer (EHSO), and Contractor representatives regularly verified the availability and condition of first aid equipment and emergency response facilities through routine site inspections.

No major emergency incidents, fires, or events requiring emergency evacuation were reported during the reporting period (January–June 2026). Minor first aid cases were managed promptly at the site level using the available first aid facilities, and appropriate follow-up actions were undertaken to prevent recurrence. Overall, first aid and emergency preparedness arrangements remained satisfactory across all active SICIP construction sites during the reporting period.

5.5 Toolbox Meetings and Safety Training

Regular toolbox meetings and occupational health and safety (OHS) training were conducted throughout the reporting period at all active SICIP construction sites in accordance with the approved Construction Environmental Management Plans (CEMPs) and site-specific OHS procedures. Toolbox meetings were generally held on a daily basis before the commencement of work to communicate site-specific hazards, reinforce safe work practices, and remind workers of their responsibilities for maintaining a safe working environment.

The toolbox meetings covered a range of occupational health and safety topics relevant to the ongoing construction activities, including the proper use of personal protective equipment (PPE), safe working practices, working at height, excavation safety, electrical safety, fire prevention, material handling, housekeeping, emergency response procedures, traffic safety, and hazard identification. Additional safety topics were introduced whenever new work activities or site-specific risks were identified.

In addition to the daily toolbox meetings, periodic OHS training, environmental management and safety awareness sessions were organized by the Contractors with the support of the Site Engineers, Environmental, Health and Safety Officer (EHSO), and the Project Implementation

Unit (PIU). These training programmes included induction training for newly recruited workers and refresher training for existing personnel to reinforce compliance with project safety requirements and approved work procedures.

Attendance records, training agendas, photographs, and toolbox meeting registers were maintained at the respective project sites as part of the project's OHS documentation. Regular site inspections confirmed that toolbox meetings and safety training were conducted consistently across the active construction sites, contributing to improved safety awareness, compliance with OHS requirements, and the prevention of workplace accidents during the reporting period.

Summary of toolbox meetings:

Site	Frequency	No. of Completed Sessions
STTL	Daily	110 sessions
KWT Dormitory Building	Daily	103 sessions
NATI	Daily	95 sessions
Sylhet TTC	Daily	99 sessions
KWT Academic Building	Daily	107 sessions
EWU	Daily	12 sessions

In addition, formal safety training sessions were conducted (refer Section 1.13).

5.6 Overall Assessment

Overall, the implementation of Occupational Health and Safety (OHS) measures during the reporting period (January–June 2026) was found to be satisfactory across all active construction subprojects under the Skills for Industry Competitiveness and Innovation Program (SICIP). Routine site inspections, safety supervision, and environmental monitoring confirmed that the Contractors generally complied with the OHS requirements specified in the approved Construction Environmental Management Plans (CEMPs), Environmental Management Plans (EMPs), and applicable national regulations.

The Contractors maintained appropriate site security and access control measures, provided adequate personal protective equipment (PPE) to workers, and ensured the availability of first aid facilities and emergency response equipment at the construction sites. Regular toolbox meetings, site inductions, and occupational health and safety training programmes contributed to improving workers' safety awareness and reinforcing compliance with established safe work practices. Throughout the reporting period, no fatal accidents or lost-time injuries were reported across the active construction sites. Minor first aid cases and near-miss incidents were managed promptly at the site level, investigated, and recorded in the site safety registers, with appropriate corrective actions implemented to prevent recurrence.

Although the overall OHS performance was satisfactory, continuous monitoring and regular supervision remain essential to sustain and further improve safety performance. Particular attention should continue to be given to the consistent use of PPE, timely reporting and documentation of incidents and near-miss events, periodic inspection of safety equipment, and

the continuation of refresher OHS training and toolbox meetings. These measures will help maintain a safe working environment and ensure continued compliance with the approved CEMPs, EMPs, and ADB safeguard requirements throughout the remaining construction period.

6 CONCLUSION AND RECOMMENDATION

The Semi-Annual Environmental Monitoring Report (EMR) for the period January–June 2026 indicates that environmental safeguard implementation under the Skills for Industry Competitiveness and Innovation Program (SICIP) was generally satisfactory. During the reporting period, civil works progressed at several subprojects, while other packages remained at design, mobilization, or pre-construction stages. Environmental safeguard requirements were integrated into the implementation of the ongoing civil works through the applicable Initial Environmental Examinations (IEEs), Environmental Management Plans (EMPs), Construction Environmental Management Plans (CEMPs/SEMPs), Environmental Code of Practice (ECOP), environmental monitoring requirements, and occupational health and safety provisions.

Environmental mitigation and management measures were implemented at the active construction sites through regular supervision by the Contractors, Site Engineers, Environmental, Health and Safety (EHS) personnel, SDCMU, and the Environmental Specialist. Monitoring during the reporting period covered ambient air quality, surface water and groundwater quality, noise levels, dust suppression, drainage and runoff control, construction waste management, material storage, sanitation, occupational health and safety, community health and safety, and implementation of the Grievance Redress Mechanism (GRM). Routine environmental inspections were also undertaken to verify implementation of the applicable EMP/CEMP requirements and identify issues requiring corrective action. Overall, no major environmental incident or significant environmental non-compliance attributable to the ongoing construction activities was identified during the reporting period.

Environmental quality monitoring was strengthened during the current reporting period in response to ADB recommendations. For STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory, and Kumudini Nursing Institute Academic Building, the monitoring frequency was increased from semi-annual to quarterly, and two monitoring rounds were completed. Sylhet TTC continued with semi-annual monitoring because the existing civil works contract does not include provision for increasing the monitoring frequency. Environmental quality monitoring was not undertaken at the EDC Building at East West University (EWU) during this reporting period because construction activities commenced only on 10 June 2026; monitoring will therefore be undertaken during the subsequent reporting period.

The ambient air quality monitoring results were satisfactory at the five monitored subprojects. Concentrations of PM_{2.5}, PM₁₀, SO₂, NO₂, and CO remained within the applicable Bangladesh standards, and the parameters for which IFC EHS reference values were available were also within the relevant limits. The results therefore indicate that the ongoing construction activities did not cause significant deterioration of ambient air quality at the monitored locations during January–June 2026.

The surface water quality results were generally satisfactory, with pH, BOD₅, and COD remaining within the applicable Bangladesh standards and relevant IFC EHS reference limits at the monitored subprojects. However, variations were observed in dissolved oxygen (DO), total suspended solids (TSS), and turbidity at some locations. At the Kumudini Nursing Institute Academic Building, the June 2026 monitoring recorded DO of 4.10 mg/L, TSS of 318 mg/L, and turbidity of 192 NTU. At Sylhet TTC, DO was 4.65 mg/L, while TSS and turbidity were 78 mg/L and 81.2 NTU, respectively. Although these findings do not indicate major deterioration of surface water quality, continued attention is required, particularly during the monsoon period when runoff and suspended sediment loads may increase. Drainage, erosion and sediment control, proper material storage, and construction waste management measures should therefore continue to be implemented and closely monitored.

The groundwater quality results were generally acceptable, although some parameters showed variations from applicable reference values. pH and TDS remained within the Bangladesh ECR 2023 standards at all monitored locations, arsenic concentrations remained within the applicable Bangladesh standard, and total coliform was not detected in the sampled groundwater. However, turbidity at STTL Chattogram increased to 6.1 NTU in June 2026, slightly exceeding the stated WHO reference value of ≤ 5 NTU. At Sylhet TTC, turbidity was 9.3 NTU, while iron was 3.12 mg/L, exceeding the Bangladesh standard range of 0.3–1.0 mg/L. Variations were also observed in BOD, COD, DO, and TSS at some monitoring locations. These results do not indicate widespread deterioration of groundwater quality associated with the construction activities; however, continued periodic monitoring of iron, turbidity, and other parameters showing variations is recommended.

The noise monitoring results were generally satisfactory and indicated that construction-related noise was largely maintained within the applicable Bangladesh Noise Pollution Control Rules, 2006 and relevant World Bank/IFC guideline values. Noise levels at STTL Chattogram, NATI Narsingdi, and Sylhet TTC remained within the applicable limits. Minor daytime exceedances were recorded during the first monitoring round at the Kumudini Student Dormitory and Kumudini Nursing Institute Academic Building, where some daytime Leq values slightly exceeded the Bangladesh silent-area limit of 50 dBA. However, the noise levels decreased during the second monitoring round in June 2026 and returned to within the applicable limits. Contractors should continue restricting high-noise activities to daytime hours, maintaining equipment in good condition, and conducting regular noise monitoring near educational and other sensitive receptors.

Environmental safeguard documentation also progressed during the reporting period. Site-specific CEMPs were prepared for STTL Chattogram, NATI Narsingdi, Kumudini Student Dormitory, Sylhet TTC, and Kumudini Nursing Institute Academic Building and were reviewed and approved by SICIP and shared with ADB. For the EDC Building at EWU, the Contractor prepared the CEMP, which remained under review. An ECoP was prepared, approved, and shared with ADB for the relatively small-scale civil works at Khulna TTC. Outstanding IEEs continued to be updated and finalized in response to ADB comments.

Compliance with the applicable Government of Bangladesh environmental approval requirements was also followed up during the reporting period. For the Kumudini Nursing Institute Academic Building at KWT, an application for a Site Clearance Certificate (SCC) was submitted to the Department of Environment (DoE) on 26 January 2026. Additional supporting documents requested by the DoE were subsequently submitted; however, issuance of the SCC remained pending at the time of preparation of this EMR. SICIP will therefore continue follow-up with the DoE until completion of the required clearance process.

Environmental safeguard capacity building continued during the reporting period through two central-level training programs and 32 site-level environmental and OHS training and awareness sessions across six active construction subprojects. The training covered EMP implementation, task-specific hazards, working at height and excavation safety, waste management, dust and noise control, emergency response, fire safety, first aid, PPE use, high-risk construction activities, and workers' GRM. These activities contributed to strengthening the capacity of Contractors, Site Engineers, EHS personnel, supervisors, and workers to implement environmental and safety requirements.

The overall Occupational Health and Safety (OHS) performance during January–June 2026 was satisfactory. Contractors maintained site security and access control, provided PPE, maintained first-aid and emergency response facilities, and conducted regular toolbox meetings, safety inductions, and OHS training. No fatal accidents or lost-time injuries were

reported during the reporting period. A total of 16 minor first-aid cases and two near-miss incidents were recorded across the active sites and were managed at the site level. Continuous supervision remains necessary to ensure consistent PPE use, timely reporting and documentation of incidents and near misses, periodic inspection of safety equipment, and continuation of refresher training and toolbox meetings.

The GRM remained operational through the established two-tier structure comprising Program-level and Site-level committees. Complaint boxes were maintained at active construction sites, and grievance submission procedures and contact information were publicly displayed. GRM awareness was incorporated into worker training and stakeholder consultation activities. No environmental, social, or construction-related grievances were officially recorded through the established GRM during January–June 2026.

Stakeholder consultation and community engagement activities were undertaken at the active construction sites. The principal issues raised by stakeholders related to temporary and manageable construction impacts, including dust and noise, worker and public safety, construction traffic, access management, drainage, waste management, and construction scheduling. These concerns were addressed through implementation of the applicable EMP/CEMP measures and regular site supervision. No major objections or significant environmental and social concerns were reported during the consultations.

Overall, the environmental and OHS performance of SICIP during January–June 2026 can be considered generally satisfactory. The quantitative environmental monitoring results support the findings from routine site inspections that the ongoing construction activities did not result in significant or widespread deterioration of environmental quality at the monitored locations. Nevertheless, the monitoring identified several parameters requiring continued attention, particularly surface-water DO, TSS and turbidity; groundwater turbidity and iron; and construction noise near sensitive receptors.

Several safeguard actions also remain partially complied or outstanding. These include completion of permanent drainage arrangements, preparation and implementation of tree plantation plans, incorporation of climate change mitigation measures such as rainwater harvesting and/or renewable energy where applicable, continued stakeholder consultation and GRM awareness, finalization of outstanding IEEs, completion of the review and approval of the EWU CEMP, and completion of the SCC process for the Kumudini Nursing Institute Academic Building.

During the subsequent reporting period, SICIP should continue implementation of the approved EMP/CEMP/ECOP measures; maintain quarterly environmental quality monitoring at the applicable subprojects; closely monitor the parameters that showed variations or exceedances; strengthen drainage, erosion and sediment control during the monsoon period; maintain dust and noise-control measures; continue regular OHS inspections and training; strengthen stakeholder engagement and GRM awareness; and ensure timely implementation and documentation of outstanding corrective actions. Particular attention should be given to demonstrating progressive closure of partially complied items within the agreed timelines.

With continued supervision by SDCMU and the Environmental Specialist, effective implementation by Contractors and site teams, and timely completion of the identified corrective actions, the environmental and OHS performance of the SICIP civil works is expected to remain consistent with the applicable Government of Bangladesh environmental requirements and the ADB Safeguard Policy Statement (SPS), 2009 throughout the remaining construction period.

6.1 Corrective Action Plan for the Current Reporting Period (January–June 2026)

Based on the findings of environmental monitoring, site inspections, EMP/CEMP compliance reviews, environmental quality monitoring, OHS supervision, and stakeholder consultations conducted during the January–June 2026 reporting period, subproject-wise Corrective Action Plans (CAPs) have been developed for the active SICIP construction packages. The CAPs focus on environmental and OHS issues that remain partially complied, outstanding, or require continued improvement and follow-up. Key corrective actions include completion and maintenance of drainage systems; preparation and implementation of tree plantation and landscaping measures; strengthening of climate change mitigation and resource-efficiency measures; continued environmental quality monitoring; improvement of waste, dust, noise, runoff and sediment management; strengthening of OHS and community safety measures; completion of pending safeguard documentation and regulatory requirements; and continued stakeholder consultation and GRM awareness activities. These corrective actions are intended to facilitate timely resolution of identified issues and maintain compliance with the applicable IEEs, EMPs, CEMPs/ECOP, Government of Bangladesh environmental requirements, and ADB Safeguard Policy Statement (SPS), 2009. The current EMR similarly identifies permanent drainage, tree plantation, climate-change measures, and stakeholder/GRM activities among the issues requiring continued corrective follow-up.

The respective Contractors will have primary responsibility for implementing the identified corrective actions, under the supervision and monitoring of the Site Engineers, Environmental Health and Safety Officers (EHSOs), SDCMU, and Environmental Specialist, as applicable. Each corrective action will be assigned a target timeframe and tracked through regular site inspections, review of implementation records, photographs, monitoring results, regulatory documentation, and other supporting evidence. A corrective action will be considered closed only after satisfactory implementation has been verified and documented; outstanding and ongoing actions will be carried forward for continued follow-up in the subsequent reporting period. The subproject-wise CAPs for the active SICIP construction packages are presented in the following tables, and their implementation and closure status will be reviewed and reported in the next Semi-Annual Environmental Monitoring Report. This approach is consistent with the existing EMR requirement that contractors implement corrective actions within specified timeframes and that progress be monitored through site inspections and subsequent environmental reporting.

Table 6-1: Subproject-wise Corrective Action Plan for January–June 2026

Sl .	Subproject	Issue / Observation	Corrective Action Required	Responsibility	Target Timeline	CAP Status
1	STTL Chattogram	Permanent drainage system not yet completed	Complete the permanent drainage system and maintain temporary drainage until the permanent system becomes functional.	Contractor / Site Engineer / EHSO	Dec 2026	Open/Ongoing
2	STTL Chattogram	Tree plantation plan and implementation incomplete	Finalize the tree plantation plan and undertake plantation progressively, particularly after completion of major civil works.	Contractor / Site Engineer	Dec 2026	Open/Ongoing
3	STTL Chattogram	Climate-change mitigation measures require further implementation	Assess and implement feasible measures, including rainwater harvesting and/or renewable-energy provisions, consistent with the approved design and EMP.	Contractor / SDCMU	Dec 2026	Open/Ongoing
4	STTL Chattogram	Continued stakeholder/GRM engagement required	Conduct and document stakeholder consultation and GRM awareness meetings with surrounding communities and institutional stakeholders.	Contractor / SDCMU / EHSO	Dec 2026	Open/Ongoing
5	KWT Student Dormitory	Permanent drainage system not yet completed	Complete the permanent drainage system; maintain and periodically clean temporary drains until completion.	Contractor / Site Engineer / EHSO	Dec 2026	Open/Ongoing
6	KWT Student	Tree plantation plan under	Finalize and implement the tree plantation plan,	Contractor / KWT / Site	Dec 2026	Open/Ongoing

	Dormitory	preparation	including suitable species, locations, numbers, maintenance arrangements, and survival monitoring.	Engineer		ng
7	KWT Student Dormitory	Additional climate-change measures remain under implementation	Implement feasible rainwater harvesting and/or renewable-energy measures and document the measures incorporated into the project.	Contractor / KWT / SDCMU	Dec 2026	Open/Ongoing
8	NATI Narsingdi	Dust, worker safety, and construction traffic require continued control	Continue regular water spraying, strengthen PPE enforcement, maintain safe material transport arrangements, and schedule heavy vehicle movement to minimize interaction with institutional users.	Contractor / Site Engineer / EHSO	Continuous during construction	Ongoing
9	NATI Narsingdi	Environmental monitoring and documentation require continuation	Continue quarterly air, water, and noise monitoring and maintain laboratory reports, inspection records, training records, and photographic evidence.	Contractor / Environmental Specialist	Quarterly	Ongoing
10	Sylhet TTC	Temporary drainage requires continued attention, particularly during rainfall	Maintain and clean temporary drainage and prevent waterlogging, sediment discharge, and obstruction of existing drainage during construction.	Contractor / Site Engineer / EHSO	Continuous; permanent arrangement before completion	Ongoing
11	Sylhet TTC	Environmental quality monitoring remains semi-annual due to contractual provision	Continue monitoring at the contractual frequency and maintain complete monitoring records; review opportunities to strengthen monitoring where	Contractor / SDCMU / Environmental Specialist	Next monitoring period	Ongoing

			administratively/contractually feasible.			
1 2	Sylhet TTC	Public access and site safety within educational campus	Maintain construction-area barricading, safety signage, controlled access, and safe pedestrian routes throughout construction.	Contractor / EHSO	Continuous	Ongoing
1 3	KWT Nursing Institute (Academic Building)	SCC remains pending with DoE	Continue formal follow-up with DoE and promptly respond to any additional requirements until the SCC is issued; maintain all correspondence as compliance evidence.	SDCMU / KWT / Environmental Specialist	As early as practicable	Open
1 4	KWT Academic Building	Elevated TSS/turbidity observed in surface water monitoring	Strengthen runoff, erosion and sediment-control measures; prevent construction materials and sediment from entering nearby water bodies; continue quarterly monitoring.	Contractor / EHSO / Environmental Specialist	Immediate and continuous	Open/Ongoing
1 5	KWT Academic Building	Minor daytime noise exceedance observed during first monitoring round	Continue restricting high-noise activities to daytime, maintain equipment, avoid simultaneous operation of unnecessary noisy equipment, and continue periodic noise monitoring.	Contractor / EHSO	Continuous	Ongoing
1 6	KWT Academic Building	Landscaping/climate-resilience measures require further implementation	Implement feasible landscaping, tree plantation, rainwater management, energy-efficiency, and other climate-responsive measures in accordance with approved design/EMP provisions.	Contractor / KWT / SDCMU	Before completion	Open/Ongoing

17	EDC at EWU	CEMP prepared but approval remained pending during the reporting period	Complete review and approval of the CEMP and ensure full implementation during construction.	Contractor / Environmental Specialist / SDCMU	Immediate	Open
18	EDC at EWU	Environmental quality monitoring not undertaken during Jan–Jun 2026 because construction commenced on 10 June 2026	Conduct the required ambient air, surface water, groundwater, and noise monitoring during the subsequent reporting period in accordance with the EMP/CEMP.	Contractor / Environmental Specialist	Next monitoring cycle	Open
19	EDC at EWU	Construction commenced within an operating university campus	Strengthen construction-zone demarcation, pedestrian/public safety, PPE enforcement, dust suppression, material storage, and traffic/access management.	Contractor / Site Engineer / EHSO	Continuous	Ongoing
20	Khulna TTC	Small-scale civil works are being managed through an approved ECoP	Continue implementation of the approved ECoP, including dust, waste, drainage, OHS, traffic, and public-safety measures, and maintain implementation records.	Contractor / Site Engineer	Throughout construction	Ongoing

6.2 Implementation Status of Corrective Actions from the Previous EMR (July–December 2025)

The implementation status of the corrective actions identified in the previous Environmental Monitoring Report (July–December 2025) was reviewed as part of the environmental monitoring activities conducted during the current reporting period. The review assessed the progress made by the Contractors and the Project Implementation Unit (PIU) in implementing the recommendations provided in the previous EMR, with particular attention to environmental management measures that required continued follow-up.

Overall, satisfactory progress was observed in implementing the majority of the recommended corrective actions. Several actions, including improvements in air pollution control, water management practices, noise mitigation measures, and routine environmental monitoring, have been fully implemented and are now assessed as Complied. Other actions, such as the completion of permanent drainage systems, preparation and implementation of tree plantation plan, and incorporation of additional climate change mitigation measures, remain ongoing and are therefore assessed as Partially Complied. Progress on these activities will continue to be monitored until full implementation is achieved. The implementation status of the corrective actions from the previous EMR for the STTL, Chattogram and KWT Student Dormitory subprojects is summarized in Table 6-3 and Table 6-4, respectively.

Table 6-2: Implementation status with Corrective Action Plan of previous EMR for STTL Project Site

Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
1	Drainage System	Proper drainage system will be ensured to prevent water pollution.	-Permanent drainage construction has not yet commenced. -Temporary drainage measures remain in place and are functioning satisfactorily.	December 2026	Partially complied
2.	Tree plantation Plan	Must need Tree plantation plan.	-Tree plantation plan is under preparation. Preliminary site selection has been completed, and plantation activities will commence upon completion of major civil works. -A number of saplings are planted in project site.	December, 2026	Partially Complied.
3	Air Pollution	Keep air pollution within limit and maintain air pollution control measures	Water is sprayed across the site twice daily in morning and afternoon. All construction machinery is	June 2026	Complied

Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
			regularly monitored and maintained.		
4.	Water Management Plan	Water pollution control measures will be taken	Water usage at the construction site is carefully monitored to prevent wastage, with proper storage to ensure efficient and sustainable water management.	June, 2026	Complied
5	Noise	Noise barrier should be used	Install barriers and continue periodic noise monitoring and worker awareness programs.	June, 2026	Complied
6	Climate change and carbon footprint	Rainwater harvesting, or renewable energy source will be implemented	- Regular monitoring of fuel use, maintenance of machinery to reduce emissions, and initial tree plantation with tree plantation plan for expansion after construction. -Climate change mitigation measures, including assessment of rainwater harvesting and renewable energy options, remain under implementation and will continue during subsequent construction stages.	December, 2026	-Partially Complied

Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
7	Stakeholder Consultation Meeting on GRM	Stakeholder consultation meetings will be conducted with the surrounding community		December, 2026	Non Complied

Table 6-3: Implementation status with Corrective Action Plan of previous EMR for Student Dormitory Project in KWT, Tangail

Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
1	Drainage System	Proper drainage system will be ensured to prevent water pollution.	-Permanent drainage construction has not yet commenced. -Temporary drainage measures remain in place and are functioning satisfactorily.	December 2026	Partially complied
2.	Tree plantation Plan	Must need Tree plantation plan.	-Tree plantation plan is under preparation. -Preliminary site selection has been completed, and plantation activities will commence upon completion of major civil works. -A number of saplings are planted in project site.	Dec, 2026	Partially Complied.
3	Air Pollution	Keep air pollution within limit and maintain air pollution control measures	water is sprayed across the site twice daily in morning and afternoon. All construction machinery is regularly monitored and	June 2026	Complied

Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
			maintained.		
4.	Water Management Plan	Water pollution control measures will be taken	Water usage at the construction site is carefully monitored to prevent wastage, with proper storage to ensure efficient and sustainable water management.	June, 2026	Complied
5	Noise	Noise barrier should be used	Install barriers and continue periodic noise monitoring and worker awareness programs.	June, 2026	Complied
6	Climate change and carbon footprint	Rainwater harvesting, or renewable energy source will be implemented	-Regular monitoring of fuel use, maintenance of machinery to reduce emissions, and initial tree plantation, preparation and implementation of tree plantation plan for expansion after construction. -Climate change mitigation measures, including assessment of rainwater harvesting and renewable energy options, remain under implementation and will continue during subsequent construction	December, 2026	Partially Complied

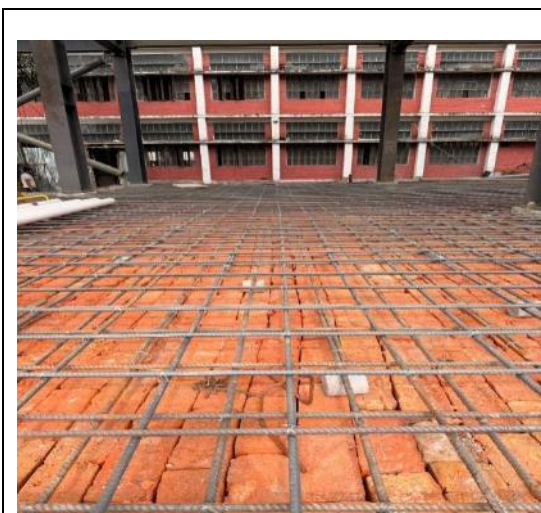
Sl.	Environmental Issues	Recommended Corrective Measures	Actual Action taken	Targeted Date	Compliance Status
			stages.		
7	Stakeholder Consultation Meeting on GRM	Stakeholder consultation meetings will be conducted with the surrounding community	Stakeholder consultation meetings have been conducted with the surrounding community	June, 2026	Complied

Annex-1: Site Pictures

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

	
Complaint Box, 11 March 2026	Engineering Specialist of SICIP VISIT, 29 June 2026
	
Materials/Stockpiles covered by Tarpaulin, 15 May 2026	Ongoing construction works, 22 June 2026
	
Fire extinguisher pressure check, 22 May 2026	Workers Toilet, 07 June 2026

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi



Ongoing construction works



Cross check of rebar works



Dustbin, 22 May 2026



Drinking Water Source, 03 June 2026



Workers Toilet, 03 January 2026

Fire extinguisher pressure check, 17 February 2026

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.



Materials Covered by Polythene, 17 June 2026



Fire extinguisher pressure check photo, 11 February 2026



Fuel Storage with secondary containment, 03 June 2026



Workers Accommodation photo, 13 April 2026

	
Rod Cutting Photo, 27 March 2026	Toilet Cleaning photo, 19 January 2026
	
Generator photo, 14 February 2026	Materials/Stockpiles covered by Tarpulin, 20 January 2026

(d) Sylhet Technical Training Centre (TTC), Sylhet

	
Complaint Box, 03 April 2026	Fire extinguisher 29 April 2026



DEPD of SICIP and KOICA VISIT 26 June 2026



BMET visit 27 June 2026



Aerial view of under construction building dated 26 June 2026



Cross check of rebar works 15 May 2026



Rebar binding check 20 May 2026



2nd floor scaffolding removal works 24 June 2026



EPD, SICIP visit 12 May 2026





Dustbin, 18 January 2026



Drinking Water Source, 17 February 2026



Stone cover tarpulin, 22 April 2026



Workers Toilet, 30 January 2026

(e) Construction of approach road, cafeteria and other ancillary works at Khulna Technical Training Centre (TTC)

	
Ongoing construction works of cafeteria, 25 June 2026	
	
Ongoing construction works of approach road, 25 June 2026	Meeting with Principal of Khulna TTC and Contractor, 25 June 2026

(f) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail



Rod Binding Work, 03 March 2026



Pile Casting work, 05 March 2026



Pile Casting work, 11 April 2026



Rod Binding Work, 08 April 2026



Pile Casting work, 13 May 2026



Pile Casting work, 16 May 2026



Pile Drive work, 24 June 2026



Pile Drive work, 27 June 2026

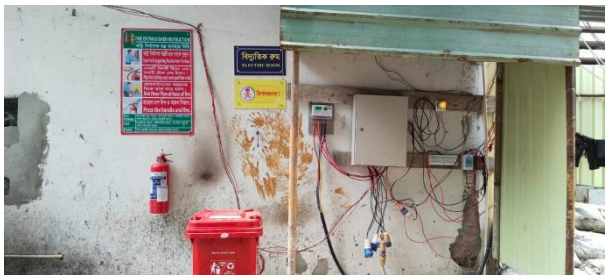
(g) Executive Development Centre (EDC) at East West University



First Aid Box, 11 June 2026



Safety Signage, 11 June 2026

		Safety Signage, 11 June 2026	
		Entry Gate, 11 June 2026	
		Dustbin, 11 June 2026	
Fire Extinguisher, DB Board, Signage, 11 June 2026		Project Information Signboard, 11 June 2026	
		Toilets, 11 June 2026	
Toilets, 11 June 2026		Safety Signage, 11 June 2026	



Workers Training, 11 June 2026



Workers Training, 18 June 2026

Annex-2: Environmental Monitoring Checklist

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

(a1) Monitoring period: January - March 2026

Skills for Industry Competitiveness and Innovation Program (SICIP)

Environmental monitoring checklist

Name of site: CONSTRUCTION of SMART TEXTILE TECHNOLOGY LIVING LAB (STTL) AT CHITTAGONG TEXTILE ENGINEERING COLLEGE (CTEC)
 Location: JORARGANJ, MIRSHARAI, CHITTAGONG
 Date: 15th March, 2026
 Inspected by: Md Saiful Islam Shakil

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1. Air Pollution Control						
1.1. Are the construction sites watered to minimize dust generated?	✓					
1.2. Are stockpiles of dusty materials (size with more than 20 bags cement) covered or watered?	✓					
1.3. Cement debagging process undertaken in sheltered areas	✓					
1.4. Are all vehicles carrying dusty loads covered/watered over prior to leaving the site?	✓					
1.5. Are demolition work areas watered? (e.g. trimming activities by using breaker)	✓					
1.6. Are dusty roads paved and/or sprayed with water?	✓					
1.7. Are dust controlled during percussive drilling or rock breaking?	✓					
1.8. Are plant and equipment well maintained? (any black smoke observed, please indicate the plant/equipment and location)	✓					
1.9. Is dark smoke controlled from plant?	✓					
1.10. Are there enclosures around the main dust-generating activities? (e.g. grout mixing, batching plant, crushers, screens, etc.)	✓					
1.11. Enclose the material transfer point wherever possible	✓					
1.12. Stockpiles (not <2.4m) provided along boundaries and properly maintained (any damage / opening observed, please indicate the location).	✓					
1.13. Are speed control measures applied? (e.g. speed limit sign)	✓					
1.14. Develop vegetation cover around the construction areas to curtail the dust emission	✓					




Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1.15. Remove loose top soil from the site	✓					
1.16. Maintain 10 km/hr speed limit of all the vehicles at the worksite	✓					
1.17. Ensure no mud sticks with the wheel of the vehicles prior leaving the site	✓					
1.18. New equipment shall be used for construction	✓					
1.19. The material carrying trucks and other vehicles to be properly maintained	✓					
1.20. The generators used should be provided with the mufflers to reduce the air emissions	✓					
1.21. Equipment will be always kept in good condition to minimize emissions and idling of engines discouraged	✓					
1.22. The machinery, equipment and vehicle emitting visible black smoke shall be banned from the construction sites	✓					
1.23. Others (please specify)					✓	
2. Water Pollution Control						
2.1. Are water discharge licenses valid?					✓	
2.2. Are conditions of the license complied with? (check the monitoring records and observe physically)					✓	
2.3. Are wastewater treatment system being used and properly maintained on site? (e.g. desilting tank)					✓	
2.4. Are there any wastewater discharged to the stormdrains? Is the wastewater being treated?					✓	
2.5. STP/Septic tank and soak pit are installed to treat black water					✓	
2.6. Are u-channels and manholes free of silt and sediment?					✓	
2.7. Are sedimentation traps and tanks free of silt and sediment?					✓	
2.8. Are all manholes on-site covered and sealed?	✓					




Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
2.9. Are sandbags/earth bund adopted to prevent washing away of sand/silt and wastewater to drains, catchpit, public road and footpath?	✓					
2.10. Are vehicles and plants cleaned before leaving the site?	✓					
2.11. Are wheel washing facilities well maintained to prevent overflow, flooding sediment?	✓					
2.12. Rejected grouting shall be disposed of at the designated site	✓					
2.13. Is the public road/area around the site entrance and site hoarding kept clean and free of muddy water?	✓					
2.14. Is domestic water directed to septic tanks or chemical toilets?	✓					
2.15. Bentonite sludge will be treated and should not discharge directly to the water body	✓					
2.16. STP water shall be tested prior to discharge/reuse					✓	
2.17. Fuel and chemical storage area should be compacted base with secondary containment	✓					
2.18. Ensure construction activity and material shall not block water flow of river, canal, drains, etc.	✓					
2.19. Rejected water from WTP shall be reused					✓	
2.20. Servicing of machines or equipment near water bodies or drains shall be carried out in such a manner as to avoid pollution with gasoline, diesel, oil, grease, or surplus and disposable materials.	✓					
2.21. Others (please specify)					✓	
3. Noise Control						
3.1. Maintain equipment in good working condition	✓					
3.2. Equipment must have proper silencer and mufflers	✓					
3.3. Schedule the construction activity	✓					
3.4. The noise generating equipment should be placed away from the human settlement	✓					




Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
3.5. Minimize the vehicle idling	✓					
3.6. Install a perimeter fencing around the construction site, yard or activity	✓					
3.7. Install portable acoustic barriers in high noise generating area	✓					
3.8. Workers must wear PPE in high noise generating areas	✓					
3.9. Educate workers and equipment operators to minimize noise pollution	✓					
3.10. Avoid the unnecessary use of alarms, horns and sirens	✓					
3.11. Restrict noisy work at night time	✓					
3.12. Others (please specify)					✓	
4. Waste Management						
4.1. Is the site kept clean and tidy? (e.g. litter free, good housekeeping)	✓					
4.2. Are separated labelled containers provided for facilitating recycling and waste segregation in different areas?	✓					
4.3. Are construction wastes / recyclable wastes and general refuse removed off site regularly?	✓					
4.4. Are construction wastes collected and disposed of properly by licensed collectors?	✓					
4.5. Are chemical wastes, if any, collected and disposed of properly by licensed collectors?					✓	
4.6. Are chemical wastes properly stored and labelled?					✓	
4.7. No waste burning shall be allowed	✓					
4.8. Are oil drums and plants/equipment provided with drip trays?	✓					
4.9. Are drip trays free of oil and water?	✓					

Guin

BS

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
4.10. Is there any oil spillage? Clean-up the contaminated soil immediately?	✓					
4.11. Is litter, foam or other objectionable matters in nearby water drain/sewer cleaned?	✓					
4.12. Are asbestos wastes handled by registered professionals?	✓					
4.13. Workers should receive training related to the handling of waste	✓					
4.14. Caution or safety signage will be available in hazard prone areas	✓					
4.15. Others (please specify)					✓	
5. Storage and handling of Chemicals and Hazardous Materials						
5.1. Are chemicals stored and labelled properly?	✓					
5.2. Hydraulic fluids from the pile area and other area shall be treated	✓					
5.3. Fuel storage area should be concrete floor with proper containment	✓					
5.4. MSDS for all chemicals and other inorganic materials shall be available and displayed at the right place	✓					
5.5. Are proper measures to control oil spillage during maintenance or to control other chemicals spillage? (e.g. provide drip trays)	✓					
5.6. Are spill kits / sand / saw dust used for absorbing chemical spillage readily accessible?	✓					
5.7. All hydraulic systems, fuel systems and lubricating systems will be in good condition to avoid leakage of petroleum products	✓					
5.8. The Contractor shall have the proper equipment to transport fuel so that spillage will not occur	✓					
5.9. Disposal of used oil, lubricants and tyres etc. Shall be in accordance with EMP or directed by Environmental Specialist	✓					
5.10. Used batteries shall be stored properly	✓					
5.11. Reuse / recycle the oil filters of vehicles periodically	✓					

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Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
5.12. Employees need to be properly trained in hazardous chemical control and safety	✓					
5.13. Others (please specify)					✓	
6. Protection of Flora, Fauna and Historical Heritage						
6.1. Reduce tree cutting to the extent possible	✓					
6.2. Re-vegetate the area as early as possible	✓					
6.3. Cleared vegetation will not be burnt	✓					
6.4. Supply fuel to the worker and train them not to use the wood as a fuel	✓					
6.5. Are disturbance to terrestrial fauna minimized?	✓					
6.6. Animals trapped in or in danger from site works and relocate the animal	✓					
6.7. The trees having the nests to be safeguarded if spotted	✓					
6.8. The workforce should be trained not to disturb animal and birds	✓					
6.9. Release of oil, oil wastes, or any other substances (harmful to fish, birds and migratory birds) will not be disposed of to the water body	✓					
6.10. Any historical heritage exists on site? If yes, ensure appropriate measures taken to preserve it	✓					
6.11. Others (please specify)					✓	
7. Resource Conservation						
7.1. Is water recycled wherever possible for dust suppression?	✓					
7.2. Is water pipe leakage and wastage prevented?	✓					
7.3. Is surface water used for dust suppression?	✓					
7.4. Are diesel-powered plants and equipment shut off while not in use to reduce excessive use?	✓					

Gulu

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Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
7.5. Are energy conservation practices adopted?	✓					
7.6. Are metal or other alternatives used to minimize the use of timber?	✓					
7.7. Are materials stored in good condition to prevent deterioration and wastage (e.g. covered, separated)?	✓					
7.8. Others (please specify)					✓	
8. Construction Camp and Yard Facilities						
8.1. Ensure proper drainage facility at construction camp and yard facilities	✓					
8.2. Every construction site should have supply of drinking water	✓					
8.3. Ensure proper sanitary and washing facilities or shower at each of the construction site	✓					
8.4. Provision of toilet or sanitary facilities at construction camps	✓					
8.5. Ensure appropriate waste bins at construction camp and yard facilities	✓					
8.6. Drinking water quality test should be performed periodically	✓					
8.7. Workers living place should be neat, clean and well ventilated	✓					
8.8. Provide sufficient numbers of fan and light to the workers accommodation area	✓					
8.9. Suitable scaffolds from the ground shall be provided for the workers who are working at height	✓					
8.10. Take adequate measures for the control of malaria, jaundice, chikungunya, dengue, etc.	✓					
8.11. Training should be provided to workers related to Environment, Health and Safety	✓					
8.12. Provision of readily accessible First Aid facility to workers	✓					
8.13. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
8.14. Designated smoking zone shall be present and clearly marked	✓					

Sun

12/2

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
8.15. Others (please specify)					✓	
9. Occupational Safety						
9.1. Take mitigation measures for noisy and air pollution activity near to the community	✓					
9.2. Notify the local community about the project activity	✓					
9.3. Proper drainage facility shall be ensured at the project site to prevent stagnant water and formation of breeding sites for mosquito	✓					
9.4. Take pest control measures	✓					
9.5. Provision of potable water for workers at camp site	✓					
9.6. First aid kits should be simple with clear instructions to be followed, be kept under the charge of a responsible person qualified to render first aid and be regularly inspected and kept properly stocked not running short of medicine	✓					
9.7. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
9.8. Implementation of fall prevention and protection measures should be ensured	✓					
9.9. Installation of guardrails with midrails and toe boards at the edge of any fall hazard area, proper use of ladders and scaffolds by trained employees should be ensured	✓					
9.10. Ensure of no involvement of child labor	✓					
9.11. Safety measures including signage and staffing in the interface between construction and or construction-related operation	✓					
9.12. Secure storage areas should be provided for flammable liquids, solids, and gases such as liquefied petroleum, gas cylinder, paint and other such material in order to defer trespassers	✓					
9.13. Smoking should be strictly prohibited and no smoking notices be predominantly displayed in all places containing readily combustible or flammable materials	✓					
9.14. Adequate ventilation should be provided at storage area	✓					

Sum

SS

Skills for Industry Competitiveness and Innovation Program (SICIP)

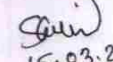
Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
9.15. Fire fighting equipment at the work areas and construction camp shall be ensured	✓					
9.16. Water supply should be ensured with ample pressure	✓					
9.17. Fire extinguishing equipment should be properly maintained and inspected at suitable intervals by a competent person	✓					
9.18. Where appropriate, suitable visual signs should be provided to clearly indicate the direction of escape routes in case of fire	✓					
9.19. Are accidents and incidents reported and reviewed, and corrective & preventive actions identified and recorded?	✓					
9.20. Others (please specify)					✓	

C: Complied, PC: Partially Complied, NC: Non-Complied, II: Insufficient Information, NA: Not Applicable

Name of contractor:

Sign: 
15.03.2026
Md. Mahbubul Alam
Sr. Executive Engineer
Sheltech Engineering Ltd

Name of consultant:

Sign: 
15.03.2026
Md. Saiful Islam Shakil
(Site Engineer)
Skills for Industry Competitiveness
and Innovation Program (SICIP)
Finance Division, Ministry of Finance

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

(b1) Monitoring period: January - March 2026

Skills for Industry Competitiveness and Innovation Program (SICIP)

Environmental monitoring checklist

Name of site: Narsingdi Automotive Training Institute (NATI)
 Location: Narsingdi Polytechnic
 Date: 31 March 2026
 Inspected by: *Anik Ahnaf*

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1. Air Pollution Control						
1.1. Are the construction sites watered to minimize dust generated?	✓					
1.2. Are stockpiles of dusty materials (size with more than 20 bags cement) covered or watered?	✓					
1.3. Cement debagging process undertaken in sheltered areas	✓					
1.4. Are all vehicles carrying dusty loads covered/watered over prior to leaving the site?	✓	✓				Vehicles transporting dusty materials are not always wetted down with water or cover before leaving the site. From now on, they will always be wetted down
1.5. Are demolition work areas watered? (e.g. trimming activities by using breaker)	✓					
1.6. Are dusty roads paved and/or sprayed with water?	✓					
1.7. Are dust controlled during percussive drilling or rock breaking?	✓					
1.8. Are plant and equipment well maintained? (any black smoke observed, please indicate the plant/equipment and location)	✓					
1.9. Is dark smoke controlled from plant?	✓					
1.10. Are there enclosures around the main dust-generating activities? (e.g. grout mixing, batching plant, crushers, screens, etc.)					✓	We have no grout mixing, batching plant, crushers and screens.
1.11. Enclose the material transfer point wherever possible	✓					
1.12. Stockpiles (not <2.4m) provided along boundaries and properly maintained (any damage / opening observed, please indicate the location).	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1.13. Are speed control measures applied? (e.g. speed limit sign)	✓					
1.14. Develop vegetation cover around the construction areas to curtail the dust emission	✓					
1.15. Remove loose top soil from the site	✓					
1.16. Maintain 10 km/hr speed limit of all the vehicles at the worksite	✓					
1.17. Ensure no mud sticks with the wheel of the vehicles prior leaving the site	✓					
1.18. New equipment shall be used for construction	✓					
1.19. The material carrying trucks and other vehicles to be properly maintained	✓					
1.20. The generators used should be provided with the mufflers to reduce the air emissions	✓					
1.21. Equipment will be always kept in good condition to minimize emissions and idling of engines discouraged	✓					
1.22. The machinery, equipment and vehicle emitting visible black smoke shall be banned from the construction sites	✓					
1.23. Others (please specify)						
2. Water Pollution Control						
2.1. Are water discharge licenses valid?	✓					
2.2. Are conditions of the license complied with? (check the monitoring records and observe physically)	✓					
2.3. Are wastewater treatment system being used and properly maintained on site? (e.g. desilting tank)	✓					
2.4. Are there any wastewater discharged to the stormdrains? Is the wastewater being treated?	✓					
2.5. STP/Septic tank and soak pit are installed to treat black water	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
2.6. Are u-channels and manholes free of silt and sediment?	✓					
2.7. Are sedimentation traps and tanks free of silt and sediment?	✓					
2.8. Are all manholes on-site covered and sealed?	✓					
2.9. Are sandbags/earth bund adopted to prevent washing away of sand/silt and wastewater to drains, catchpit, public road and footpath?	✓					
2.10. Are vehicles and plants cleaned before leaving the site?	✓					
2.11. Are wheel washing facilities well maintained to prevent overflow, flooding sediment?	✓					
2.12. Rejected grouting shall be disposed of at the designated site	✓					
2.13. Is the public road/area around the site entrance and site hoarding kept clean and free of muddy water?	✓					
2.14. Is domestic water directed to septic tanks or chemical toilets?	✓					
2.15. Bentonite sludge will be treated and should not discharge directly to the water body	✓					
2.16. STP water shall be tested prior to discharge/reuse	✓					
2.17. Fuel and chemical storage area should be compacted base with secondary containment	✓					
2.18. Ensure construction activity and material shall not block water flow of river, canal, drains, etc.	✓					
2.19. Rejected water from WTP shall be reused	✓					
2.20. Servicing of machines or equipment near water bodies or drains shall be carried out in such a manner as to avoid pollution with gasoline, diesel, oil, grease, or surplus and disposable materials.	✓					
2.21. Others (please specify)						

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
3. Noise Control						
3.1. Maintain equipment in good working condition	✓					
3.2. Equipment must have proper silencer and mufflers	✓					
3.3. Schedule the construction activity	✓					
3.4. The noise generating equipment should be placed away from the human settlement	✓					
3.5. Minimize the vehicle idling	✓					
3.6. Install a perimeter fencing around the construction site, yard or activity	✓					
3.7. Install portable acoustic barriers in high noise generating area	✓					
3.8. Workers must wear PPE in high noise generating areas	✓					
3.9. Educate workers and equipment operators to minimize noise pollution	✓					
3.10. Avoid the unnecessary use of alarms, horns and sirens	✓					
3.11. Restrict noisy work at night time	✓					
3.12. Others (please specify)						
4. Waste Management						
4.1. Is the site kept clean and tidy? (e.g. litter free, good housekeeping)	✓					
4.2. Are separated labelled containers provided for facilitating recycling and waste segregation in different areas?	✓					
4.3. Are construction wastes / recyclable wastes and general refuse removed off site regularly?	✓					

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Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
4.4. Are construction wastes collected and disposed of properly by licensed collectors?	✓					
4.5. Are chemical wastes, if any, collected and disposed of properly by licensed collectors?	✓					
4.6. Are chemical wastes properly stored and labelled?	✓					
4.7. No waste burning shall be allowed	✓					
4.8. Are oil drums and plants/equipment provided with drip trays?	✓					
4.9. Are drip trays free of oil and water?	✓					
4.10. Is there any oil spillage? Clean-up the contaminated soil immediately?	✓					
4.11. Is litter, foam or other objectionable matters in nearby water drain/sewer cleaned?	✓					
4.12. Are asbestos wastes handled by registered professionals?	✓					
4.13. Workers should receive training related to the handling of waste	✓					
4.14. Caution or safety signage will be available in hazard prone areas	✓					
4.15. Others (please specify)						
5. Storage and handling of Chemicals and Hazardous Materials						
5.1. Are chemicals stored and labelled properly?	✓					
5.2. Hydraulic fluids from the pile area and other area shall be treated	✓					
5.3. Fuel storage area should be concrete floor with proper containment	✓					
5.4. MSDS for all chemicals and other inorganic materials shall be available and displayed at the right place	✓					

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Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
5.5. Are proper measures to control oil spillage during maintenance or to control other chemicals spillage? (e.g. provide drip trays)	✓					
5.6. Are spill kits / sand / saw dust used for absorbing chemical spillage readily accessible?	✓					
5.7. All hydraulic systems, fuel systems and lubricating systems will be in good condition to avoid leakage of petroleum products	✓					
5.8. The Contractor shall have the proper equipment to transport fuel so that spillage will not occur	✓					
5.9. Disposal of used oil, lubricants and tyres etc. Shall be in accordance with EMP or directed by Environmental Specialist	✓					
5.10. Used batteries shall be stored properly	✓					
5.11. Reuse / recycle the oil filters of vehicles periodically	✓					
5.12. Employees need to be properly trained in hazardous chemical control and safety	✓					
5.13. Others (please specify)						
6. Protection of Flora, Fauna and Historical Heritage						
6.1. Reduce tree cutting to the extent possible	✓					
6.2. Re-vegetate the area as early as possible	✓					
6.3. Cleared vegetation will not be burnt	✓					
6.4. Supply fuel to the worker and train them not to use the wood as a fuel	✓					
6.5. Are disturbance to terrestrial fauna minimized ?	✓					
6.6. Animals trapped in or in danger from site works and relocate the animal	✓					
6.7. The trees having the nests to be safeguarded if spotted	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
6.8. The workforce should be trained not to disturb animal and birds	✓					
6.9. Release of oil, oil wastes, or any other substances (harmful to fish, birds and migratory birds) will not be disposed of to the water body	✓					
6.10. Any historical heritage exists on site? If yes, ensure appropriate measures taken to preserve it	✓					
6.11. Others (please specify)						
7. Resource Conservation						
7.1. Is water recycled wherever possible for dust suppression?	✓					
7.2. Is water pipe leakage and wastage prevented?	✓					
7.3. Is surface water used for dust suppression?	✓					
7.4. Are diesel-powered plants and equipment shut off while not in use to reduce excessive use?	✓					
7.5. Are energy conservation practices adopted?	✓					
7.6. Are metal or other alternatives used to minimize the use of timber?	✓					
7.7. Are materials stored in good condition to prevent deterioration and wastage (e.g. covered, separated)?	✓					
7.8. Others (please specify)						
8. Construction Camp and Yard Facilities						
8.1. Ensure proper drainage facility at construction camp and yard facilities	✓					
8.2. Every construction site should have supply of drinking water	✓					
8.3. Ensure proper sanitary and washing facilities or shower at each of the construction site	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
8.4. Provision of toilet or sanitary facilities at construction camps	✓					
8.5. Ensure appropriate waste bins at construction camp and yard facilities	✓					
8.6. Drinking water quality test should be performed periodically	✓					
8.7. Workers living place should be neat, clean and well ventilated	✓					
8.8. Provide sufficient numbers of fan and light to the workers accommodation area	✓					
8.9. Suitable scaffolds from the ground shall be provided for the workers who are working at height	✓					
8.10. Take adequate measures for the control of malaria, jaundice, chikungunya, dengue, etc.	✓					
8.11. Training should be provided to workers related to Environment, Health and Safety	✓					
8.12. Provision of readily accessible First Aid facility to workers	✓					
8.13. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
8.14. Designated smoking zone shall be present and clearly marked	✓					
8.15. Others (please specify)						
9. Occupational Safety						
9.1. Take mitigation measures for noisy and air pollution activity near to the community	✓					
9.2. Notify the local community about the project activity	✓					
9.3. Proper drainage facility shall be ensured at the project site to prevent stagnant water and formation of breeding sites for mosquito	✓					
9.4. Take pest control measures	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
9.5. Provision of potable water for workers at camp site	✓					
9.6. First aid kits should be simple with clear instructions to be followed, be kept under the charge of a responsible person qualified to render first aid and be regularly inspected and kept properly stocked not running short of medicine	✓					
9.7. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
9.8. Implementation of fall prevention and protection measures should be ensured	✓					
9.9. Installation of guardrails with midrails and toe boards at the edge of any fall hazard area, proper use of ladders and scaffolds by trained employees should be ensured	✓					
9.10. Ensure of no involvement of child labor	✓					
9.11. Safety measures including signage and staffing in the interface between construction and or construction-related operation	✓					
9.12. Secure storage areas should be provided for flammable liquids, solids, and gases such as liquefied petroleum, gas cylinder, paint and other such material in order to defer trespassers	✓					
9.13. Smoking should be strictly prohibited and no smoking notices be predominantly displayed in all places containing readily combustible or flammable materials	✓					
9.14. Adequate ventilation should be provided at storage area	✓					
9.15. Fire fighting equipment at the work areas and construction camp shall be ensured	✓					
9.16. Water supply should be ensured with ample pressure	✓					
9.17. Fire extinguishing equipment should be properly maintained and inspected at suitable intervals by a competent person	✓					
9.18. Where appropriate, suitable visual signs should be provided to clearly indicate the direction of escape routes in case of fire	✓					

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Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
9.19. Are accidents and incidents reported and reviewed, and corrective & preventive actions identified and recorded?	✓					
9.20. Others (please specify)						

C: Complied,
PC: Partially Complied,
NC: Non-Complied,
II: Insufficient Information,
NA: Not Applicable

Name of contractor: Stawite - EHA (بص)

Name of consultant: Anik Ahnaf

Sign:

[Signature]

Sign:

Anik Ahnaf

Anik Ahnaf
(Site Engineer)

Skills for Industry Competitiveness
and Innovation Program (SICIP)
Finance Division, Ministry of Finance

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(c) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail.**(c1) Monitoring period: January - March 2026****Skills for Industry Competitiveness and Innovation Program (SICIP)****Environmental monitoring checklist**Name of site: **Student Dormitory Building at Kumudini (KWT).**

Location: KUMUDINI, MIRZAPUR, TANGAIL

Date: 5th March, 2026

Inspected by: Md. Robiul Islam

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1. Air Pollution Control						
1.1. Are the construction sites watered to minimize dust generated?	✓					
1.2. Are stockpiles of dusty materials (size with more than 20 bags cement) covered or watered?	✓					
1.3. Cement debagging process undertaken in sheltered areas	✓					
1.4. Are all vehicles carrying dusty loads covered/watered over prior to leaving the site?	✓					
1.5. Are demolition work areas watered? (e.g. trimming activities by using breaker)	✓					
1.6. Are dusty roads paved and/or sprayed with water?	✓					
1.7. Are dust controlled during percussive drilling or rock breaking?	✓					
1.8. Are plant and equipment well maintained? (any black smoke observed, please indicate the plant/equipment and location)	✓					
1.9. Is dark smoke controlled from plant?	✓					
1.10. Are there enclosures around the main dust-generating activities? (e.g. grout mixing, batching plant, crushers, screens, etc.)	✓					
1.11. Enclose the material transfer point wherever possible	✓					
1.12. Stockpiles (not <2.4m) provided along boundaries and properly maintained (any damage / opening observed, please indicate the location).	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
1.13. Are speed control measures applied? (e.g. speed limit sign)	✓					
1.14. Develop vegetation cover around the construction areas to curtail the dust emission	✓					
1.15. Remove loose top soil from the site	✓					
1.16. Maintain 10 km/hr speed limit of all the vehicles at the worksite	✓					
1.17. Ensure no mud sticks with the wheel of the vehicles prior leaving the site	✓					
1.18. New equipment shall be used for construction	✓					
1.19. The material carrying trucks and other vehicles to be properly maintained	✓					
1.20. The generators used should be provided with the mufflers to reduce the air emissions	✓					
1.21. Equipment will be always kept in good condition to minimize emissions and idling of engines discouraged	✓					
1.22. The machinery, equipment and vehicle emitting visible black smoke shall be banned from the construction sites	✓					
1.23. Others (please specify)					✓	
2. Water Pollution Control						
2.1. Are water discharge licenses valid?					✓	
2.2. Are conditions of the license complied with? (check the monitoring records and observe physically)					✓	
2.3. Are wastewater treatment system being used and properly maintained on site? (e.g. desilting tank)					✓	
2.4. Are there any wastewater discharged to the stormdrains? Is the wastewater being treated?					✓	

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
2.5. STP/Septic tank and soak pit are installed to treat black water					✓	
2.6. Are u-channels and manholes free of silt and sediment?					✓	
2.7. Are sedimentation traps and tanks free of silt and sediment?					✓	
2.8. Are all manholes on-site covered and sealed?	✓					
2.9. Are sandbags/earth bund adopted to prevent washing away of sand/silt and wastewater to drains, catchpit, public road and footpath?	✓					
2.10. Are vehicles and plants cleaned before leaving the site?	✓					
2.11. Are wheel washing facilities well maintained to prevent overflow, flooding sediment?	✓					
2.12. Rejected grouting shall be disposed of at the designated site	✓					
2.13. Is the public road/area around the site entrance and site hoarding kept clean and free of muddy water?	✓					
2.14. Is domestic water directed to septic tanks or chemical toilets?	✓					
2.15. Bentonite sludge will be treated and should not discharge directly to the water body	✓					
2.16. STP water shall be tested prior to discharge/reuse					✓	
2.17. Fuel and chemical storage area should be compacted base with secondary containment	✓					
2.18. Ensure construction activity and material shall not block water flow of river, canal, drains, etc.	✓					
2.19. Rejected water from WTP shall be reused					✓	
2.20. Servicing of machines or equipment near water bodies or drains shall be carried out in such a manner as to avoid pollution with gasoline, diesel, oil, grease, or surplus and disposable materials.	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
2.21. Others (please specify)					✓	
3. Noise Control						
3.1. Maintain equipment in good working condition	✓					
3.2. Equipment must have proper silencer and mufflers	✓					
3.3. Schedule the construction activity	✓					
3.4. The noise generating equipment should be placed away from the human settlement	✓					
3.5. Minimize the vehicle idling	✓					
3.6. Install a perimeter fencing around the construction site, yard or activity	✓					
3.7. Install portable acoustic barriers in high noise generating area	✓					
3.8. Workers must wear PPE in high noise generating areas	✓					
3.9. Educate workers and equipment operators to minimize noise pollution	✓					
3.10. Avoid the unnecessary use of alarms, horns and sirens	✓					
3.11. Restrict noisy work at night time	✓					
3.12. Others (please specify)					✓	
4. Waste Management						
4.1. Is the site kept clean and tidy? (e.g. litter free, good housekeeping)	✓					
4.2. Are separated labelled containers provided for facilitating recycling and waste segregation in different areas?	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
4.3. Are construction wastes / recyclable wastes and general refuse removed off site regularly?	✓					
4.4. Are construction wastes collected and disposed of properly by licensed collectors?	✓					
4.5. Are chemical wastes, if any, collected and disposed of properly by licensed collectors?					✓	
4.6. Are chemical wastes properly stored and labelled?					✓	
4.7. No waste burning shall be allowed	✓					
4.8. Are oil drums and plants/equipment provided with drip trays?	✓					
4.9. Are drip trays free of oil and water?	✓					
4.10. Is there any oil spillage? Clean-up the contaminated soil immediately?	✓					
4.11. Is litter, foam or other objectionable matters in nearby water drain/sewer cleaned?	✓					
4.12. Are asbestos wastes handled by registered professionals?	✓					
4.13. Workers should receive training related to the handling of waste	✓					
4.14. Caution or safety signage will be available in hazard prone areas	✓					
4.15. Others (please specify)					✓	
5. Storage and handling of Chemicals and Hazardous Materials						
5.1. Are chemicals stored and labelled properly?	✓					
5.2. Hydraulic fluids from the pile area and other area shall be treated	✓					
5.3. Fuel storage area should be concrete floor with proper containment	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
5.4. MSDS for all chemicals and other inorganic materials shall be available and displayed at the right place	✓					
5.5. Are proper measures to control oil spillage during maintenance or to control other chemicals spillage? (e.g. provide drip trays)	✓					
5.6. Are spill kits / sand / saw dust used for absorbing chemical spillage readily accessible?	✓					
5.7. All hydraulic systems, fuel systems and lubricating systems will be in good condition to avoid leakage of petroleum products	✓					
5.8. The Contractor shall have the proper equipment to transport fuel so that spillage will not occur	✓					
5.9. Disposal of used oil, lubricants and tyres etc. Shall be in accordance with EMP or directed by Environmental Specialist	✓					
5.10. Used batteries shall be stored properly	✓					
5.11. Reuse / recycle the oil filters of vehicles periodically	✓					
5.12. Employees need to be properly trained in hazardous chemical control and safety	✓					
5.13. Others (please specify)					✓	
6. Protection of Flora, Fauna and Historical Heritage						
6.1. Reduce tree cutting to the extent possible	✓					
6.2. Re-vegetate the area as early as possible	✓					
6.3. Cleared vegetation will not be burnt	✓					
6.4. Supply fuel to the worker and train them not to use the wood as a fuel	✓					
6.5. Are disturbance to terrestrial fauna minimized?	✓					
6.6. Animals trapped in or in danger from site works and relocate the animal	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
6.7. The trees having the nests to be safeguarded if spotted	✓					
6.8. The workforce should be trained not to disturb animal and birds	✓					
6.9. Release of oil, oil wastes, or any other substances (harmful to fish, birds and migratory birds) will not be disposed of to the water body	✓					
6.10. Any historical heritage exists on site? If yes, ensure appropriate measures taken to preserve it	✓					
6.11. Others (please specify)					✓	
7. Resource Conservation						
7.1. Is water recycled wherever possible for dust suppression?	✓					
7.2. Is water pipe leakage and wastage prevented?	✓					
7.3. Is surface water used for dust suppression?	✓					
7.4. Are diesel-powered plants and equipment shut off while not in use to reduce excessive use?	✓					
7.5. Are energy conservation practices adopted?	✓					
7.6. Are metal or other alternatives used to minimize the use of timber?	✓					
7.7. Are materials stored in good condition to prevent deterioration and wastage (e.g. covered, separated)?	✓					
7.8. Others (please specify)					✓	
8. Construction Camp and Yard Facilities						
8.1. Ensure proper drainage facility at construction camp and yard facilities	✓					
8.2. Every construction site should have supply of drinking water	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
8.3. Ensure proper sanitary and washing facilities or shower at each of the construction site	✓					
8.4. Provision of toilet or sanitary facilities at construction camps	✓					
8.5. Ensure appropriate waste bins at construction camp and yard facilities	✓					
8.6. Drinking water quality test should be performed periodically	✓					
8.7. Workers living place should be neat, clean and well ventilated	✓					
8.8. Provide sufficient numbers of fan and light to the workers accommodation area	✓					
8.9. Suitable scaffolds from the ground shall be provided for the workers who are working at height	✓					
8.10. Take adequate measures for the control of malaria, jaundice, chikungunya, dengue, etc.	✓					
8.11. Training should be provided to workers related to Environment, Health and Safety	✓					
8.12. Provision of readily accessible First Aid facility to workers	✓					
8.13. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
8.14. Designated smoking zone shall be present and clearly marked	✓					
8.15. Others (please specify)					✓	
9. Occupational Safety						
9.1. Take mitigation measures for noisy and air pollution activity near to the community	✓					
9.2. Notify the local community about the project activity	✓					
9.3. Proper drainage facility shall be ensured at the project site to prevent stagnant water and formation of breeding sites for mosquito	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
9.4. Take pest control measures	✓					
9.5. Provision of potable water for workers at camp site	✓					
9.6. First aid kits should be simple with clear instructions to be followed, be kept under the charge of a responsible person qualified to render first aid and be regularly inspected and kept properly stocked not running short of medicine	✓					
9.7. Workers should be equipped with appropriate personal protection equipment (PPE) and the Contractor will enforce	✓					
9.8. Implementation of fall prevention and protection measures should be ensured	✓					
9.9. Installation of guardrails with midrails and toe boards at the edge of any fall hazard area, proper use of ladders and scaffolds by trained employees should be ensured	✓					
9.10. Ensure of no involvement of child labor	✓					
9.11. Safety measures including signage and staffing in the interface between construction and or construction-related operation	✓					
9.12. Secure storage areas should be provided for flammable liquids, solids, and gases such as liquefied petroleum, gas cylinder, paint and other such material in order to defer trespassers	✓					
9.13. Smoking should be strictly prohibited and no smoking notices be predominantly displayed in all places containing readily combustible or flammable materials	✓					
9.14. Adequate ventilation should be provided at storage area	✓					
9.15. Fire fighting equipment at the work areas and construction camp shall be ensured	✓					
9.16. Water supply should be ensured with ample pressure	✓					
9.17. Fire extinguishing equipment should be properly maintained and inspected at suitable intervals by a competent person	✓					

Skills for Industry Competitiveness and Innovation Program (SICIP)

Inspection Items	Status					Observations / Recommendation
	C	PC	NC	II	NA	
9.18. Where appropriate, suitable visual signs should be provided to clearly indicate the direction of escape routes in case of fire	✓					
9.19. Are accidents and incidents reported and reviewed, and corrective & preventive actions identified and recorded?	✓					
9.20. Others (please specify)					✓	

C: Complied, PC: Partially Complied, NC: Non-Complied, II: Insufficient Information, NA: Not Applicable

Name of contractor:

Sign:

Hamidul Islam
05.03.26

Md. Hamidul Islam
Deputy Executive Engineer
ID: 1362-21
Shetech Engineering Ltd.

Name of consultant:

Sign:

R. C.
05.03.26
Md. Robiul Islam
(Site Engineer)
Skills for Industry Competitiveness
and Innovation Program (SICIP)
Finance Division, Ministry of Finance

Annex-3: Office Order for GRM Committee, Function and Complaint Handling Process under SICIP

[Replaced by the same number and date]

Government of the Peoples' Republic of Bangladesh

Finance Division, Ministry of Finance

Skills for Industry Competitiveness and Innovation Program (SICIP)

Probashi Kallyan Bhaban (14 - 15th Floor)

71-72 Eskaton Garden, Ramna, Dhaka-1000

www.sicip.gov.bd

No. FD/SICIP/GRM/103/2024-2141

Date: 24 Bhadra 1432
08 September 2025

Office Order

In order to address grievances, complaints and concerns of the affected person (s) arising from program activities in a fair, transparent and easily accessible manner in a stipulated time frame SICIP is forming the following two layers of GRM committee. These committees will operate across Public Training Institutes (PTIs), Industry Associations (IAs), and Non-Government Organizations (NGOs) in both training and construction related activities. The composition of the committees along with their general and specific functions and the complaint-handling process are outlined below.

Layer 1: Program-Level GRM Committee:

Sl.	Designation	Position in Committee
1	Deputy Executive Program Director (PM-2), SICIP	Convenor
2	Internal Control Specialist, SICIP	Member
3	Concerned Assistant Executive Program Director, SICIP	Member
4	Gender Specialist, SICIP	Member
5	Md. Shahin-Uz-Zaman, Program Officer (QA), SICIP (for Training), Mobile No: 01700706492	Member
6	Md. Sultan Al Maruf, Program Officer (QA), SICIP (for Construction), Mobile No: 01700706488	Member
7	Assistant Executive Program Director (PM-1), SICIP	Member Secretary

Functions of the Committee:

- Review and investigate escalated grievances;
- Coordinate with relevant stakeholders for grievances resolution;
- Ensure documentation and follow-up;
- Communicating significance and implementation of GRM procedure with partner organizations, trainers, trainees and other stakeholders;
- Finalizing resolution approach and therefore, resolving complaints;
- Settling the issues and provide feedback to the complainant(s) or affected person(s);
- The committee will prepare GRM form, GRM register/Complainant status log, GRM contact list (Email/hotline), GRM tracking system/Database, etc;
- Prepare both monthly & quarterly GRM reports;
- Refer unresolved cases to EPD, SICIP, or Finance Division's relevant person; and
- If necessary, the committee may include any official of SICIP in this committee.

Complaint Handling Process:

- **Acknowledgement:** Escalated complaint must be acknowledged within 03 working days;
- **Investigation & Resolution:** Issue must be investigated and resolved within 10 working days;
- **Communication:** Resolution must be communicated to the complainant within 15 working days; and
- **Final Escalation:** If unresolved, refer to NPD, SICIP, or Finance Division's relevant person for final decision.

Layer-2: Site-Level GRM Sub-Committee for Training Activities:

Sl.	Designation	Position in Committee
1.	Center In-Charge/Principal	Convenor
2.	SEC Representative (if found available)	Member
3.	A trainer nominated by PIU	Member Secretary

Layer-2: Site-Level GRM Sub-Committee for Construction Activities:

Sl.	Designation	Position in Committee
1.	Local Focal Person/Director/Appropriate Representative	Convenor
2.	Contractor's Representative	Member
3.	SEC Representative (if found available)	Member
4.	Site Engineer, SICIP	Member Secretary

Functions of the Layer-1 and Layer-2 Committee:

- Receive complaints from trainees, staff, community people, workers;
- Maintain a complaint register at the site;
- Investigate site-specific issues (e.g., noise, safety, access, admission, enrollment);
- Coordinate with contractors, site engineers, and training administrators for resolution;
- Prepare both monthly & quarterly reports on GRM activities;
- Refer unresolved complaints to the Program-Level GRM Committee;
- In case of construction sector, orienting site engineers, contractors, labors about labor right and safety issue, awareness building on using sub-standards materials (rod, cement, sand, tiles etc.) and fitting and fixtures, non-maintaining of proper ratio of cement and sand, etc.; and
- If necessary, the committee may include any with the permission from PIU.

Complaint Handling Process of the Layer-1 and Layer-2 Committee:

- **Acknowledgement:** Complaint must be acknowledged within 3 working days;
- **Investigation & Resolution:** Issue must be investigated and resolved within 10 working days;
- **Communication:** Resolution must be communicated to the complainant within 15 working days; and
- **Escalation:** If unresolved, escalate to the Program-Level GRM Committee.

General Functions for Committees of all level:**Channels for Receiving Complaints:**

- **Online:** SICIP's existing GRM form (to be enhanced for clarity and accessibility);
- **Offline:** Complaint registers at each site;
- **Mobile:** Contact numbers of GRM focal persons displayed at site level mentioning the mobile no of program level contact persons; and

Monitoring and Reporting Requirements:

- Maintain sex-disaggregated data for all complainants, including those from Small Ethnic Communities (SECs);
- Track and categorize types of grievances (e.g., safety, access, inclusion, gender-based, SEC-specific); and
- Record and monitor resolution timelines for each complaint to ensure compliance with the GRM process.

Maintain a complaint status log showing:

- Total number of complaints received;
- Number of complaints resolved;
- Number of unresolved or pending complaints; and
- Status of each complaint (e.g., under review, resolved, escalated).

Include a summary of GRM performance in quarterly progress reports, covering:

- Number and types of complaints received;
- Resolution rates and average resolution time; and
- Actions taken to address systemic or recurring issues.

Clearly report:

- Use a centralized GRM tracking system or database to consolidate data from both site-level and program-level committees for easier monitoring and reporting.

02. The concerned Chief Coordinator will formulate full committees following this order for Layer-2 GRM Sub-Committees and will communicate these to SDCMU within 15 days.

03. This order was issued with the approval of the appropriate authority. **In this regard, the office order issued on FD/SICIP/GRM/103/2024-564, dated: 15 September 2024 and FD/SICIP/GRM/103/2024-2012, dated: 28 August 2025 have been canceled.**


 (Noor Uddin Al Faruk)
 Assistant Executive Program Director
 (Deputy Secretary)
 Phone: 02-55138753-55
 E-mail: faruk@sicip.gov.bd

Distribution (not accordingly to seniority):

1. Deputy Executive Program Director (All), SICIP, Finance Division
2. Internal Control Specialist, SICIP, Finance Division
3. Assistant Executive Program Director (All), SICIP, Finance Division
4. Gender Specialist, SICIP, Finance Division
5. Additional Director, SME Wing, Bangladesh Bank, Dhaka
6. Program Director, SICIP-EDC-BUTEX/ SICIP-EDC-EWU/SICIP-BIGM, SICIP-BITAC/ SICIP-BRTC, SICIP-BMET, SICIP-DTE, Dhaka
7. Director, EDC-BracU-SICIP/ SICIP-BUFT/ SICIP-ATTC, Dhaka
8. Chief Coordinator, SICIP-EDC-IBA/ SICIP-BGMEA/SICIP-BKMEA/SICIP-BWCCI/ SICIP-REHAB/ SICIP-BACI, SICIP-BEIOA/ SICIP-LFMEAB/ SICIP-KWT/ SICIP-T&H ISC/ SICIP-PKSF/ SICIP-WEAB, Dhaka
9. Chief Coordinator, SICIP-AEOSIB, Chattogram
10. Md. Shahin-Uz-Zaman, Program Officer (QA), SICIP
11. Md. Sultan Al Maruf, Program Officer (QA), SICIP

CC to:

1. PS to National Program Director, SICIP, Finance Division
2. PO to Executive Program Director, SICIP, Finance Division
3. Office Copy

Annex-4: GRM Sub-Committee at Field Level

1. GRM Sub-Committee for Construction of Approach Road, Cafeteria and Others ancillary works at Khulna

Sl.	Name	Designation	Position	Email Address	Contract No
01	Md. Ziaur Rahman	Principal, Khulna TTC	Convenor	ttckhu@gmail.com	01716966627
02	Mintu Gazi	Contractor's Representative	Member	msgmmintu@gmail.com	01622951374
03	Abul Khair	Site Engineer, SICIP	Member Secretary	abul.khair@sicip.gov.bd	01332810897

2. GRM Sub-Committee for Renovation and Construction in Sylhet TTC

Sl.	Name	Designation	Position	Email Address	Contract No
01	Sheikh Md. Nahid Niaz	Principal, Sylhet TTC	Convenor	Sylhetttc2@gmail.com	01930842074
02	Md. Shariful Islam	Contractor's Representative	Member	Sharif.tealbd@gmail.com	01732906480
03	Golam Kibria	Site Engineer, SICIP	Member Secretary	kibria@sicip.gov.bd	01738187064

3. GRM Sub-Committee for Construction and Renovation of Narsingdi Automotive Training Institute (NATI)

Sl.	Name	Designation	Position	Email Address	Contract No
01	Engr. Niher Ronjon Das	Principal, Narsingdi Polytechnic Institute	Convenor	niherronjondas@gmail.com	01817-046134
02	Md. Shamsul Alam Sumon	Contractor's Representative	Member	sumon.alam1739@gmail.com	01723-074645
03	Anik Ahnaf	Site Engineer, SICIP	Member Secretary	anik@sicip.gov.bd	01332-810899

4. GRM Sub-Committee for Construction of STTL in Chattogram Textile Engineering College

Sl.	Name	Designation	Position	Email Address	Contract No
01	MD. Tarek Ur Rahman Erin	Assistant Professor, Chittagong Textile College	Convenor	tarekerin@gmail.com	01670-064765
02	Mahbub ul Alam	Contractor's Representative	Member	Construction10@sheltechengineeri ngbd.com	01709-636519
03	Md. Saiful Islam Shakil	Site Engineer, SICIP	Member Secretary	shakil@sicip.gov.bd	01332-810898

5. GRM Sub-Committee for Construction of Student Dormitory Kumudini Welfare Trust

Sl.	Name	Designation	Position	Email Address	Contract No
01	Mr. Ashutosh Mondal	Chief Engineer, Kumudini Welfare Trust	Convenor	ashutosh.mondal@kumudini.com.bd	01322-919699
02	Md. Hamid ul Islam	Contractor's Representative	Member	Construction39@sheltechengineerin g.com.bd	01766-694861
03	Md. Robiul Islam	Site Engineer, SICIP	Member Secretary	robiul.islam@sicip.gov.bd	01332-810896

6. GRM Sub-Committee for Construction of Executive Development Centre (EDC) at East West University

Sl.	Name	Designation	Position	Email Address	Contract No
01	A K M Manir uzza man	Chief Engineer, EWU	Convenor	maniruzzaman@ewubd.edu	
02	Imam ul Hasan Imon	Project Manager	Member	username.imon@gmail.com	01624120404
03	Anik Ahnaf	Site Engineer, SICIP	Member Secretary	anik@sicp.gov.bd	01332-810899

Annex-5: Sample Grievance Redress Mechanism (GRM) Form

Skills for Industry Competitiveness and Innovation Program

Probashi Kallyan Bhaban (14 - 15th Floor)
71-72 Eskaton Garden, Ramna, Dhaka-1000

Grievance Redress Mechanism (GRM) Form

Section A: Complainant Information

(Complainant may remain anonymous if preferred, but contact details will help in providing feedback)

Name: _____

Gender: ☐ Male ☐ Female ☐ Other ☐ Prefer not to say

Age (optional): _____

Contact Number: _____

Email Address: _____

Address/Location: _____

Section B: Grievance Details

1. Date of Submission: _____

2. Grievance Received By (Name/Position): _____

3. Preferred Language of Communication: _____

4. Type of Grievance (check one):

- ☐ Environmental Issue
☐ Social/Community Issue
☐ Workplace/Staff Issue
☐ Health & Safety Concern
☐ Other (please specify): _____

5. Grievance Description:

(Please describe the problem/concern in detail, including what happened, where, when, and persons involved if any)

Skills for Industry Competitiveness and Innovation Program

Probashi Kallyan Bhaban (14 - 15th Floor)
71-72 Eskaton Garden, Ramna, Dhaka-1000

6. Supporting Evidence (if any):

☐ Photos ☐ Documents ☐ Witness Statement ☐ Other: _____

Section C: Resolution Request

1. What outcome do you expect or suggest to resolve this grievance?

2. Preferred Method of Response:

☐ Phone ☐ Email ☐ In-person Meeting ☐ Written Response ☐ Other:

Section D: For Official Use Only

Grievance Reference Number: _____

Date Received: _____

Recorded By (Name/Position): _____

Action Taken: _____

Status: ☐ Resolved ☐ In Progress ☐ Escalated ☐ Closed

Date of Resolution: _____

Feedback Provided To Complainant: ☐ Yes ☐ No

Annex-7: Photos of Grievance Meeting



Photo: Grievance Meeting, STTL Chattogram, dated 10 March 2026,



Photo: Grievance Meeting, NATI, Narsingdi, dated 18 June 2026



Photo: GRM Meeting, KWT Student Dormitory Building, dated 18 February 2026



Photo: GRM Meeting, Sylhet TTC, Sylhet dated 11 February 2026



Photo: GRM Meeting, KWT Nursing Academy Building dated 24 February 2026

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Grievance Meeting 18 June 2026

Skills for Industry Competitiveness and Innovation Program (SICIP)**Attendance Sheet of Meeting for Grievance Redress Mechanism**Project Name: Narsingdi Automotive Training InstituteTitle of Meeting: GRM Meeting of Site Level GRM Sub-Committee for Construction ActivitiesDate: 18 June 2026Venue: NATI

Sl.	Name	Designation	Signature
1	Nehar Konjan Das	Principal	<i>Nehar</i>
2	MD. Mahmudur Rahman Tanim	Site Engineer	<i>MD. Mahmudur Rahman</i>
3	Asratul Alam	Site Eng	<i>Asratul Alam</i>
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Grievance Meeting 18 February 2026

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet of Meeting for Grievance Redress Mechanism

Project Name: *Student Dormitory Building at Kumudini.*

Title of Meeting: GRM Meeting of Site Level GRM Sub-Committee for Construction Activities

Date: *18/02/2026*

Venue: *Kumudini*

Sl.	Name	Designation	Signature
01	Md. Robiul Islam	Site Engineer, SKPP	<i>R.I.</i>
02	Md. Hamidul Islam	D.E.B	<i>Hamidul.</i>
03	M. X. BARUA	Boarder Engineer, K.I.D.T	<i>M. X. Barua</i>
04	Shuvo Biswas	EHSO Sheltech Engineering	<i>Biswas</i>

(d) Sylhet Technical Training Centre (TTC), Sylhet

(d1) Grievance Meeting 11 February 2026

Skills for Industry Competitiveness and Innovation Program (SICIP)**Attendance Sheet of Meeting for Grievance Redress Mechanism**Project Name: *Renovation and Construction in site*

Title of Meeting: GRM Meeting of Site Level GRM Sub-Committee for Construction Activities

Date: *11.02.2026*Venue: *site*

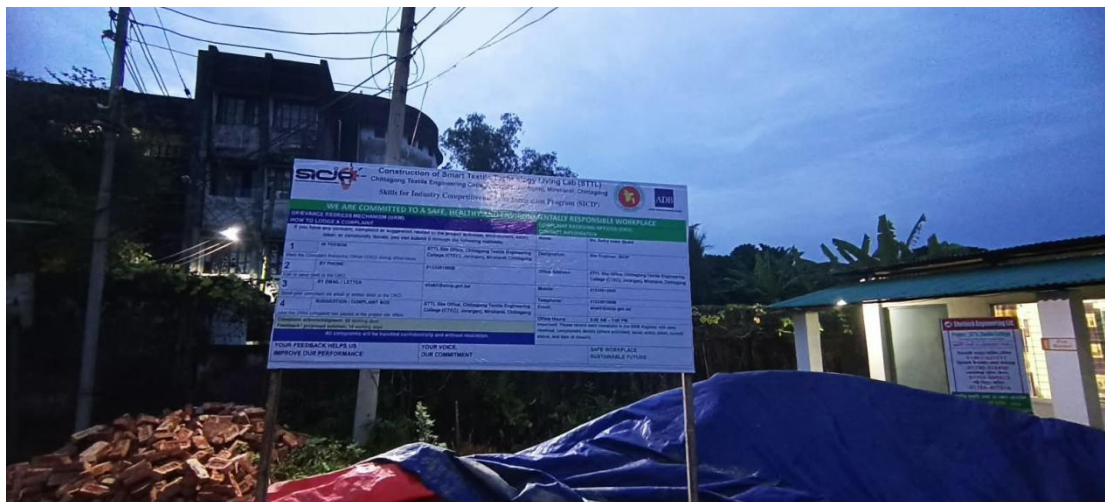
Name of Trainer:

Signature of Trainer:

Sl.	Name	Designation	Signature
01	Sheikh Md. Nahid Niaz	Principal site	<i>[Signature]</i>
02	Md. Shaniul Islam	Contractors Representative	<i>[Signature]</i>
03	Gulam Kibria	Site Engineer SICIP	<i>[Signature]</i>

Annex-9: GRM Information Signboards

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)



(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi



(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Student Dormitory Building
Kumudini Hospital, Mirzapur, Tangail.
Skills for Industry Competitiveness and Innovation Program (SICIP)

WE ARE COMMITTED TO A SAFE, Competitiveness and Innovation AND ENVIRONMENTALLY RESPONSIBLE

GRIEVANCE REDRESS MECHANISM (GRM) HOW TO LODGE A COMPLAINT		COMPLAINT RECEIVING OFFICER (CRO) CONTACT INFORMATION	
If you have any concern, complaint or suggestion related to the project activities, environment, safety, labor, or community issues, you can submit it through the following methods:		Name:	Md. Robiul Islam
1	IN PERSON Meet the Complaint Receiving Officer (CRO) during office hours.	Designation:	Site Engineer, SICIP
2	BY PHONE Call or send SMS to the CRO.	Office Address:	Project Office, Student Dormitory Building, Kumudini Hospital, Mirzapur, Tangail.
3	BY EMAIL / LETTER Send your complaint via email or written letter to the CRO.	Mobile:	01332810896
4	SUGGESTION / COMPLAINT BOX Use the GRM complaint box placed at the project site office.	Telephone:	N/A
Complaint acknowledgment: 03 working days Feedback / proposed solution: 10 working days		Email:	robiul.islam@sicp.gov.bd
All complaints will be handled confidentially and without retaliation.		Office Hours:	09 A.M to 04 P.M (Sat to thu)
Important: Please record each complaint in the GRM Register with date received, complainant details (where provided), issue, action taken, current status, and date of closure.			
YOUR FEEDBACK HELPS US IMPROVE OUR PERFORMANCE		SAFE WORKPLACE SUSTAINABLE FUTURE	

(d) Sylhet Technical Training Centre (TTC), Sylhet

Renovation and Construction in Sylhet T.T.C
Technical Training Center, Alampur, Sylhet
Skills for Industry Competitiveness and Innovation Program (SICIP)

WE ARE COMMITTED TO A SAFE, HEALTHY AND ENVIRONMENTALLY RESPONSIBLE WORKPLACE

GRIEVANCE REDRESS MECHANISM (GRM) HOW TO LODGE A COMPLAINT		COMPLAINT RECEIVING OFFICER (CRO) CONTACT INFORMATION	
If you have any concern, complaint or suggestion related to the project activities, environment, safety, labor, or community issues, you can submit it through the following methods:		Name:	Golam Kibria
1	IN PERSON Meet the Complaint Receiving Officer (CRO) during office hours.	Designation:	Site Engineer
2	BY PHONE Call or send SMS to the CRO.	Office Address:	Technical Training Center, Alampur, Sylhet
3	BY EMAIL / LETTER Send your complaint via email or written letter to the CRO.	Mobile:	01332810889
4	SUGGESTION / COMPLAINT BOX Use the GRM complaint box placed at the project site office.	Telephone:	kibria@sicp.gov.bd
Complaint acknowledgment: 03 working days Feedback / proposed solution: 10 working days		Email:	robiul.islam@sicp.gov.bd
All complaints will be handled confidentially and without retaliation.		Office Hours:	09 A.M to 04.00 P.M (Sat to Thu)
Important: Please record each complaint in the GRM Register with date received, complainant details (where provided), issue, action taken, current status, and date of closure.			
YOUR FEEDBACK HELPS US IMPROVE OUR PERFORMANCE		SAFE WORKPLACE SUSTAINABLE FUTURE	

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

SICIP **Nursing Academic Building**
Kumudini Hospital, Mirzapur, Tangail.
Skills for Industry Competitiveness and Innovation Program (SICIP)

WE ARE COMMITTED TO A SAFE, Competitiveness and Innovation AND ENVIRONMENTALLY RESPONSIBLE

GRIEVANCE REDRESS MECHANISM (GRM)
HOW TO LODGE A COMPLAINT

If you have any concern, complaint or suggestion related to the project activities, environment, safety, labor, or community issues, you can submit it through the following methods:

1	IN PERSON	Project Office, Nursing Academic Building, Kumudini Hospital, Mirzapur, Tangail.	Name:	Md. Robiul Islam
2	BY PHONE	01332810896	Designation:	Site Engineer, SICIP
3	BY EMAIL / LETTER	robiul.islam@sicp.gov.bd	Office Address:	Project Office, Nursing Academic Building, Kumudini Hospital, Mirzapur, Tangail.
4	SUGGESTION / COMPLAINT BOX	Project Office	Mobile:	01332810896

Send your complaint via email or written letter to the CRO.
Use the GRM complaint box placed at the project site office.

Complaint acknowledgment: 03 working days
Feedback / proposed solution: 10 working days
All complaints will be handled confidentially and without retaliation.

COMPLAINT RECEIVING OFFICER (CRO)
CONTACT INFORMATION

Telephone: N/A
Email: robiul.islam@sicp.gov.bd
Office Hours: 09 A.M to 04 P.M (Sat to thu)

Important: Please record each complaint in the GRM Register with date received, complainant details (where provided), issue, action taken, current status, and date of closure.

YOUR FEEDBACK HELPS US IMPROVE OUR PERFORMANCE **YOUR VOICE, OUR COMMITMENT** **SAFE WORKPLACE SUSTAINABLE FUTURE**

(f) Construction of Executive Development Centre (EDC) at East West University

SICIP **Construction of New EDC Building at East West University**
East West University, Altabar, Dhaka, Bangladesh
Skills for Industry Competitiveness and Innovation Program (SICIP)

WE ARE COMMITTED TO A SAFE, HEALTHY AND ENVIRONMENTALLY RESPONSIBLE

GRIEVANCE REDRESS MECHANISM (GRM)
HOW TO LODGE A COMPLAINT

If you have any concern, complaint or suggestion related to the project activities, environment, safety, labor, or community issues, you can submit it through the following methods:

1	IN PERSON	EDC Building Site Office, EDC, Altabar, Dhaka.	Name:	Md. Robiul Islam
2	BY PHONE	01332810896	Designation:	Site Engineer, SICIP
3	BY EMAIL / LETTER	robiul.islam@sicp.gov.bd	Office Address:	EDC Building Site Office, EDC, Altabar, Dhaka.
4	SUGGESTION / COMPLAINT BOX	EDC Building Site Office, EDC, Altabar, Dhaka.	Mobile:	01332810896

Send your complaint via email or written letter to the CRO.
Use the GRM complaint box placed at the project site office.

Complaint acknowledgment: 03 working days
Feedback / proposed solution: 10 working days
All complaints will be handled confidentially and without retaliation.

COMPLAINT RECEIVING OFFICER (CRO)
CONTACT INFORMATION

Telephone: 01332810896
Email: robiul.islam@sicp.gov.bd
Office Hours: 09 A.M to 04 P.M

Annex-10: Test Reports of Environmental Monitoring Samples

(a) Smart Textile Living Laboratory (STTL) in Chittagong Air Quality Analysis



Ref: ECIL/2026/1181-05/AAQM

Test Results of Ambient Air Quality Analysis

Name of Project	: Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)
Description of Sample	: Ambient Air Quality (AAQ)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 29.04.2026-30.04.2026
Date of Analysis	: 02.05.2026-03.05.2026
Reporting Date	: 12.05.2026

SN	Monitoring Locations	Monitoring Frequency	Concentration of different parameters in ambient air				
			PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO
1	AAQM-1, STTL, Mirshorai, Chittagong 22.86106683N, 91.52380709	Baseline, April 2025	25.25	44.31	-	-	-
2		Semiannual, June 2025	13.04	30.08	-	-	-
3		Semiannual, December 2025	21.18	34.93	-	-	-
4		Environmental Monitoring, June 2026	15.38	31.02	6.59	8.90	0.49
Unit			µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
Monitoring Principle			Light scattering technique		High precision Electrochemical sensor		
Bangladesh Standard			65	150	80	80	5
International Standard (IFC EHS Guidelines' 30 Apr 2007)			25	50	20	200	10

*Standard: Air pollution Control Rules (APCR) On 26th July 2022; Vide S.R.O. NO. 255-Law/ 2022

*Note: This ambient air monitoring report was usually accomplished by- portable OCEANUS AQM-09 Machine; NYS=Not Yet set

- ☐ Comply with both APCR & IFC standard
- ☐ Doesn't Comply with BD standard (APCR 2022)
- ☐ Doesn't Comply with IFC standard (IFC EHS APRIL 2007)



Analyzed & Prepared By
Md. Robin Ahmed
B.Sc. in Environmental Science (KU)
M.Sc in Environmental Science (KU)
Asst. Consultant (Environment)

Reviewed By
Nahid Hasan
B.Sc. in Environmental Science & Resource Management (ESRM), MBSTU
MS in Environmental Science (ES), MBSTU
Consultant (Environment), Lab-in-charge & TL (Consulting Dept.)

Approved By
Shorov Roy
B.Sc. in ESRM (MBSTU)
MS in Environmental Science (BAU)
Managing Director (MD)

Address: House #9 (3rd Flr), Road # 6, Sector # 12, Uttara, Dhaka-1230, Bangladesh. Cell: 01925687029,
Phone: +88 0255087283, Web: www.envirocarebd.com, Email: info@envirocarebd.com

1

Noise Level Analysis



Ref: ECIL/2026/5080-05/ANLM

Test Results of Noise Level Analysis

Name of Project	: Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)
Description of Sample	: Ambient Noise Level (ANL)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 29.04.2026
Date of Analysis	: 02.05.2026-03.05.2026
Reporting Date	: 12.05.2026

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		Leq	Lmax	Lmin	Leq	Lmax	Lmin		
ANLM-01-STTL, Inside Project Site, Mirshorai, Chittagong 22.86105228N, 91.52382725E	Baseline, April 2025	57.97	70.0	38.2	48.74	60.8	31.1	Mixed	
	Semiannual, June 2025	54.86	66.9	35.1	45.68	57.7	33.4		
	Semiannual, December 2025	56.81	67.5	34.2	46.53	56.8	32.6		
	Semiannual, June 2026	55.34	68.54	34.9	46.16	58.3	34.1		
ANLM-02-STTL, Project Site, Mirshorai, Chittagong 22.86132222 N, 91.52394444 E	Baseline, April 2025	52.63	64.7	32.9	45.50	57.5	31.2	Mixed	
	Semiannual, June 2025	59.97	72.0	40.2	49.48	61.5	37.2		
	Semiannual, December 2025	55.98	67.1	38.5	47.13	62.4	34.1		
	Semiannual, June 2026	59.57	71.8	41.4	49.89	62.43	38.5		
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential; Intiutional; Educational								55	45

☐ Comply with BD standard (NPCR 2006)

☒ Doesn't Comply with BD standard (NPCR 2006)


Analyzed & Prepared By

Md. Robin Ahmed
B.Sc. in Environmental Science (KU)
M.Sc in Environmental Science (KU)
Asst. Consultant (Environment)

Reviewed By

Nahid Hasan
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MS in Environmental Science (ES), MBSTU
Consultant (Environment), Lab-in-charge & TL (Consulting Dept.)

Approved By

Shorov Roy
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Phone: +88 0255087283, Web: www.envirocarebd.com, Email: info@envirocarebd.com

1

Surface Water Quality Analysis

	Government of the People's Republic of Bangladesh Office of the Chief Chemist Department of Public Health Engineering Central Lab, 38-39, Mohakhali C/A, Dhaka-1212 Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com	
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Lab Memo: 547/5,CC, DPHE, CL, Dhaka

Date: 21-05-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

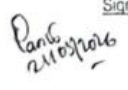
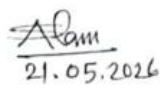
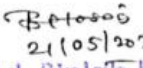
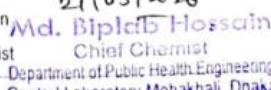
Sample ID: CEN2026050153	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Surface Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Chittagong, Upa: Mirsharai
Care Taker: Envirocare International Ltd. (Sample ID : SW-1)	Union:, Vill.:
Sample Collection date: 29-04-2026	Date of Testing: 03/05/2026-21/05/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.30	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.008	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	12	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	60	mg/L	CRM	-
5	Dissolved Oxygen (DO)	6.0	5.00	mg/L	Multimeter	-
6	Iron (Fe)	0.3-1	0.05	mg/L	AAS	0.05
7	Manganese (Mn)	0.1	0.03	mg/L	AAS	0.03
8	pH	6.5-8.5	7.2	-	pH Meter	-
9	Phosphate	6.0	0.30	mg/L	UVS	0.10
10	Total Dissolved Solid (TDS)	1000	250	mg/L	Multimeter	-
11	Total Suspended Solid (TSS)	10	60	mg/L	Gravimetric Method	-
12	Turbidity	10	46.9	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.

N.B. AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

<u>Test Performed by:</u> 1.) Name: S.M. Parves Talukder Designation: Sample Analyzer  2.) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer 	<u>Countersigned/Approved by:</u> 1.) Name: Mita Sarker Designation: Senior Chemist  2.) Name: Md. Biplob Hossain Designation: Chief Chemist  Department of Public Health Engineering Central Laboratory Mohakhali, Dhaka
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Page 1 of 1



BANGLADESH ENVIRONMENTAL ENGINEERING TRAINING & LAB SERVICES LTD.

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Bangladesh, Phone: +88-02-7175845, Mobile: +88 01713034889

Email: info.beetlsl@gmail.com

Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Surface Water Sample

Name of the Project	: Construction of Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Surface Water
Location	: Mirsharai, Chittagong
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 29.04.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023 (d)
				SW-1	
1	Coliform (Total)	CFU/100 mg/L	MFM	58	<5,000
2	Total P	mg/L	UVS	<2	0.5
3	Total N	mg/L	UVS	6.1	NYS
4	Nitrate	mg/L	UVS	2.9	7

*NOTE: ECR =Environmental Conservation Rules, IFC= International Finance Cooperation, NYS =Not Yet Set, AAS=Atomic Absorption Spectrophotometer, CRM= Closed Reflex Methods, MFM=Membrane Filtration Method, UVS=UV-Visible Spectrophotometer

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
14.05.2026	14.05.2026	14.05.2026

Groundwater Quality Analysis

	Government of the People's Republic of Bangladesh Office of the Chief Chemist Department of Public Health Engineering Central Lab, 38-39, Mohakhali C/A, Dhaka-1212 Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com	
Lab Memo: 547/2,CC, DPHE, CL, Dhaka		Date: 21-05-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2026050150	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Ground Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Chittagong, Upa: Mirsharai
Care Taker: Envirocare International Ltd. (Sample ID : GW-1)	Union:, Vill.:
Sample Collection date: 29-04-2026	Date of Testing: 03/05/2026-21/05/2026

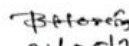
LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.20	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.007	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	5	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	24	mg/L	CRM	-
5	Chloride	150-600	20	mg/L	Titrimetic	-
6	Dissolved Oxygen (DO)	6.0	5.20	mg/L	Multimeter	-
7	EC	-	370	μS/cm	Multimeter	-
8	Iron (Fe)	0.3-1	0.64	mg/L	AAS	0.05
9	Manganese (Mn)	0.1	0.31	mg/L	AAS	0.03
10	pH	6.5-8.5	7.3	-	pH Meter	-
11	Phosphate	6.0	0.65	mg/L	UVS	0.10
12	Temperature	20-30	25.8	°C	Thermometer	-
13	Total Dissolved Solid (TDS)	1000	185	mg/L	Multimeter	-
14	Total Suspended Solid (TSS)	10	4	mg/L	Gravimetric Method	-
15	Turbidity	10	1.0	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.

N.B. AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.





 21/05/2026
Md. Biplab Hossain
 Chief Chemist
 Department of Public Health Engineering
 Central Laboratory Mohakhali, Dhaka

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method
<u>Test Performed by:</u> 1.) Name: S.M. Parves Talukder Designation: Sample Analyzer 2.) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer <u>Countersigned/Approved by:</u> 1.) Name: Mita Sarker Designation: Senior Chemist 2.) Name: Md. Biplab Hossain Designation: Chief Chemist					

Signature
 21/05/2026
 Signature
 21/05/2026
Md. Biplab Hossain
 Chief Chemist
 Department of Public Health Engineering
 Central Laboratory Mohakhali, Dhaka



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Email: info.beetls@gmail.com

Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Groundwater Sample

Name of the Project	: Construction of Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Groundwater
Location	: Mirsharai, Chittagong
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLS Laboratory
Sample Collection Date	: 29.04.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023
				GW-1	
1	Coliform (Fecal)	CFU/100 mL	MFM	0	0
2	Coliform (Total)	CFU/100 mL	MFM	0	0
3	T-N	mg/L	UVS	4.59	NYS
4	Nitrate	mg/L	UVS	3.6	45

*NOTE: ECR = Environmental Conservation Rules, WHO = World Health Organization, NYS = Not Yet Set, AAS = Atomic Absorption Spectrophotometer, MFM = Membrane Filtration Method, UVS = UV-Visible Spectrophotometer

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
14.05.2026	14.05.2026	14.05.2026

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi
Quarterly Monitoring of January - March 2026
Air Quality Analysis



A house of Inspection, Testing, Assessment & Consultancy

Ref: ECIL/2026/23-04/AAQM

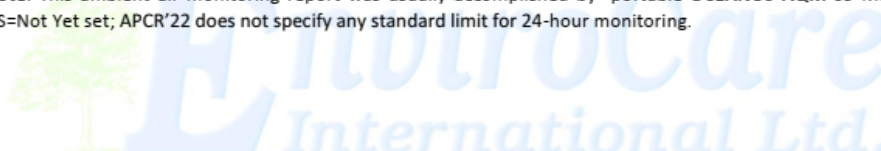
Test Results of Ambient Air Quality Analysis

Name of Project	: Construction and Renovation of Narsingdi Automotive Training Institute (NATI)
Description of Sample	: Ambient Air Quality Monitoring (AAQM)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.04.2026
Date of Analysis	: 15.04.2026 – 21.04.2026
Reporting Date	: 23.04.2026

S N	Monitoring Locations	Concentration of different parameters in ambient air				
		PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO
1	AAQM-1 (South Side of the Project Area)	22.65	33.67	10.05	13.21	1.21
	Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
	Method	Light Nephelometer		High precision Electrochemical sensor		
	Bangladesh Standard	65	150	80	80	5
	International Standard (IFC EHS Guidelines' 30 Apr 2007)	25	50	20	200	10

*Standard: Air pollution Control Rules (APCR) On 26th July 2022; Vide S.R.O. NO. 255-Law/ 2022 .

*Note: This ambient air monitoring report was usually accomplished by- portable OCEANUS AQM-09 Machine;
 NYS=Not Yet set; APCR'22 does not specify any standard limit for 24-hour monitoring.



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 MS in Environmental Science (MBSTU)
 Technical Manager

Shorov
 Approved By
 Shorov Roy
 B.Sc. in ESRM (MBSTU)
 MS in Environmental Science (BAU)
 Quality Manager

Noise Quality Analysis



Ref: ECIL/2026/23-04/ANLM

Test Results of Noise Level Analysis

Name of Project	: Construction and Renovation of Narsingdi Automotive Training Institute (NATI)
Description of Sample	: Noise Level (NL)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.04.2026
Date of Analysis	: 15.04.2026 – 21.04.2026
Reporting Date	: 23.04.2026

Test Results

Location	Concentration Present (dBA)						Category	
	Day			Night				
	Leq	Lmax	Lmin	Leq	Lmax	Lmin		
NL-1 (South Side of the Project Area)	48.33	66.34	33.56	38.62	64.21	32.1	Silent Zone	
NL-2 (East Side of the Project Area)	47.16	68.26	32.76	39.31	65.64	33.6	Silent Zone	
NL-3 (North Side of the Project Area)	49.56	67.43	33.82	37.44	63.34	32.02	Silent Zone	
NL-4 (In front of Workshop Building-1)	48.67	64.98	32.45	39.89	69.53	33.78	Silent Zone	
Bangladesh Standard							Day Time	Night Time
Industrial area							75	70
Commercial							70	60
Mixed area							60	50
Residential area							55	45
Silent Area							50	40
World Bank / IFC Standard								
Industrial area							70	70
Residential: Intuitional: Educational							55	45

* Noise Pollution Control Rules 2006, Schedule 1 (Zone Based Noise Level Standard): ECIL Laboratory, April, 2026

*Exceeds the Standard



Jakia

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Assistant Consultant (Environment)

Sanjoy

Reviewed By
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MS in Environmental
Science (MBSTU)
Technical Manager

Shorov

Approved By
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B.Sc. in ESRM (MBSTU)
MS in Environmental Science (BAU)
Quality Manager

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Groundwater Quality



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Email: info.beetlsl@gmail.com

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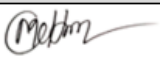
Physical/ Chemical/ Bacteriological Analysis of Water Sample

Name of Project	: Construction and Renovation of Narsingdi Automotive Training Institute (NATI)
Description of sample	: Groundwater
Location	: Narsingdi Sadar, Narsingdi
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 13 April, 2026

LABORATORY TEST RESULTS

Sl. No	Parameters	Unit	Analysis Method	Concentration	*Bangladesh Standard ECR 2023, Schedule-2 (A)
				GW1	
1	Arsenic	mg/L	AAS	0.002	0.05
2	Total Dissolve Solid (TDS)	mg/L	Multimeter	72	1000
3	Biochemical Oxygen Demand (BOD)	mg/L	5 days Incubation	1.1	NYS
4	Chemical oxygen Demand (COD)	mg/L	CRM	6.7	NYS
5	Chloride	mg/L	Titrimetric	129	NYS
6	Suspended Solid	mg/L	Gravimetric	16	NYS
7	Total Coliform	CFU/100 ml	MFM	0	0
8	Iron (Fe)	mg/L	AAS	0.71	0.3-1.0

*NOTE: ECR =Environmental Conservation Rules, AAS=Atomic Absorption Spectrophotometer, MFM=Membrane Filtration Method, NYS = Not Yet Set

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL.	Dr. Fatima Akter Director, BEETLSL
23.04.2026	23.04.2026	23.04.2026



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Email: info.beetlsl@gmail.com

Customer/Accounts/Office Copy

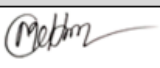
Physical/ Chemical/ Bacteriological Analysis of Water Sample

Name of Project	: Design, Supply, Installation, Testing and Commissioning of 400 kV and 230kV Transmission Lines' LILO at Kaliganj and Purbachal Substation on Turnkey Basis (Package-1).
Description of sample	: Groundwater
Location	: Kaliganj, Gazipur
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 13 April, 2026

LABORATORY TEST RESULTS

Sl. No	Parameters	Unit	Analysis Method	Concentration	*Bangladesh Standard ECR 2023, Schedule-2 (A)
				GW1	
9	Total-N	mg/L	UVS	<2	NYS
10	pH	-	pH Meter	7.4	6.5-8.5
11	Total-P	mg/L	UVS	1.4	NYS
12	Dissolved Oxygen (DO)	-	Multimeter	5.8.	≥5
13	Turbidity	NTU	Turbidity Meter	2.7	5
14	Electrical Conductivity (EC)	mS/cm	Multimeter	231	NYS
15	Temperature	°C	Thermometer	28	20-30

*NOTE: ECR =Environmental Conservation Rules, AAS=Atomic Absorption Spectrophotometer, MFM=Membrane Filtration Method, NYS = Not Yet Set

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL.	Dr. Fatima Akter Director, BEETLSL
23.04.2026	23.04.2026	23.04.2026

Surface Water Quality



BANGLADESH ENVIRONMENTAL ENGINEERING TRAINING & LAB SERVICES LTD.

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Email: info.beetls@gmail.com

Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Water Sample

Name of Project	: Construction and Renovation of Narsingdi Automotive Training Institute (NATI)
Description of sample	: Surface Water
Location	: Narsingdi Sadar, Narsingdi
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 13 April, 2026

LABORATORY TEST RESULTS

SN	Parameters	Analysis Method	Unit	Concentration	*Bangladesh Standard ECR 2023, Schedule-2 (A)	
				SW-1	d	f
1.	Total-Coliform	CFU/100ml	MFM	265	≤5000	≤50,000
2.	Suspended Solid (SS)	Gravimetric	mg/L	17	NYS	NYS
3.	Total-P	UVS	mg/L	<2	NYS	NYS
4.	pH	pH Meter	-	7.2	6-9	6.5-8.5
5.	Turbidity	Turbidity Meter	NTU	34	NYS	NYS
6.	Total-N	UVS	mg/L	1.6	NYS	NYS
7.	Biochemical Oxygen Demand (BOD)	5 days Incubation	mg/L	4.7	≤6	≤12
8.	Chemical oxygen Demand (COD)	CRM	mg/L	42	50	100
9.	Dissolved Oxygen	Multimeter	mg/L	5.6	NYS	NYS

*NOTE: ECR =Environmental Conservation Rules, UVS=UV-Visible Spectrophotometer, CRM=Closed Reflex Methods, MFM=Membrane Filtration Method, NYS = Not Yet Set

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL.	Dr. Fatima Akter Director, BEETLSL
23.04.2026	23.04.2026	23.04.2026

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Quarterly Monitoring of January - March 2026

Air Quality Analysis



Ref: ECIL/2026/56-05/AAQM

Test Results of Ambient Air Quality Analysis

Name of Project	: Establishment of a Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) Ltd.
Description of Sample	: Ambient Air Quality (AAQ)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.05.2026-14.05.2026
Date of Analysis	: 14.05.2026-17.05.2026
Reporting Date	: 17.05.2026

S N	Monitoring Locations	Monitoring Frequency	Concentration of different parameters in ambient air				
			PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO
1	AAQM-1, Kumudini, Tangail 24.099914N, 90.0911563E	Baseline, April 2025	23.96	36.23	-	-	-
2		Semiannual, June 2025	10.86	22.80	-	-	-
		Semiannual, December 2025	13.87	29.52	-	-	-
		Environmental Monitoring, May 2026	21.35	35.27	8.36	12.53	0.35
Unit			µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
Monitoring Principle			Light scattering technique		High precision Electrochemical sensor		
Bangladesh Standard			65	150	80	80	5
International Standard (IFC EHS Guidelines' 30 Apr 2007)			25	50	20	200	10

*Standard: Air pollution Control Rules (APCR) On 26th July 2022; Vide S.R.O. NO. 255-Law/ 2022

*Note: This ambient air monitoring report was usually accomplished by- portable OCEANUS AQM-09 Machine; NYS=Not Yet set

Comply with both APCR & IFC standard

Doesn't Comply with BD standard (APCR 2022)

Doesn't Comply with IFC standard (IFC EHS APRIL 2007)



Manik

Analyzed & Prepared By
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Consultant (Environment), & DTL (Consulting Dept.)

Shamim

Reviewed By
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Shorov

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1

Noise Quality Analysis



Ref: ECIL/2026/77-05/ANLM

Test Results of Noise Level Analysis

Name of Project	: Establishment of a Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) Ltd.
Description of Sample	: Ambient Noise Level (ANL)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.05.2026-14.05.2026
Date of Analysis	: 14.05.2026-17.05.2026
Reporting Date	: 17.05.2026

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		Leq	Lmax	Lmin	Leq	Lmax	Lmin		
ANLM-01- North Side of Project Site, Kumudini, Tangail 24.099919N, 90.091582E	Baseline, April 2025	48.81	60.8	31.2	39.68	51.6	30.7	Silent	
	Semiannual, June 2025	43.94	55.9	33.1	38.24	49.8	32.1		
	Semiannual, December 2025	49.54	58.51	34.5	37.46	46.4	31.7		
	Semiannual, May 2026	51.36	63.32	38.56	41.68	51.6	33.5		
ANLM-02- South Side of Project Site, Kumudini, Tangail 24.100294N, 90.091363E	Baseline, April 2025	47.26	59.3	32.5	38.66	50.5	30.2	Silent	
	Semiannual, June 2025	44.84	56.8	34.0	36.80	47.9	33.1		
	Semiannual, December 2025	45.65	57.6	33.6	39.43	51.7	32.8		
	Semiannual, May 2026	52.64	64.1	35.8	40.31	52.3	32.6		
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential; Intitutional; Educational								55	45

☐ Comply with BD standard (NPCR 2006)

☐ Doesn't Comply with BD standard (NPCR 2006)


Analyzed & Prepared By
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Reviewed By
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Surface Water Quality Analysis

Shift



Government of the People's Republic of Bangladesh
Office of the Chief Chemist
Department of Public Health Engineering
Central Lab, 38-39, Mohakhali C/A, Dhaka-1212
Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com



Lab Memo: 547/6, CC, DPHE, CL, Dhaka Date: 21-05-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2026050154	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Surface Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Tangail, Upa: Mirzapur
Care Taker: Envirocare International Ltd. (Sample ID : SW-1)	Union:, Vill.: Kumudini
Sample Collection date: 28-04-2026	Date of Testing: 03/05/2026-21/05/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.35	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.006	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	5	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	24	mg/L	CRM	-
5	Dissolved Oxygen (DO)	6.0	5.85	mg/L	Multimeter	-
6	Iron (Fe)	0.3-1	0.06	mg/L	AAS	0.05
7	Manganese (Mn)	0.1	0.03	mg/L	AAS	0.03
8	pH	6.5-8.5	7.8	-	pH Meter	-
9	Phosphate	6.0	0.26	mg/L	UVS	0.10
10	Total Dissolved Solid (TDS)	1000	185	mg/L	Multimeter	-
11	Total Suspended Solid (TSS)	10	22	mg/L	Gravimetric Method	-
12	Turbidity	10	24.6	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.
 N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

Test Performed by: 1.) Name: S.M. Parves Talukder Designation: Sample Analyzer <i>Signature</i> <i>21/05/2026</i> 2.) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer <i>Signature</i> <i>21.05.2026</i>	Countersigned/Approved by: 1.) Name: Mita Sarker Designation: Senior Chemist <i>Signature</i> 2.) Name: Md. Biplab Hossain Designation: Chief Chemist <i>Signature</i> <i>21/05/2026</i> Md. Biplab Hossain Chief Chemist Department of Public Health Engineering Central Laboratory Mohakhali, Dhaka
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Page 1 of 1



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Email: info.beetlsl@gmail.com

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Physical/ Chemical/ Bacteriological Analysis of Surface Water Sample

Name of the Project	: ESTABLISHMENT OF A MODERN WELL-EQUIPPED NURSING & CAREGIVING STUDENT DORMITORY UNDER KUMUDINI WELFARE TRUST OF BENGAL (BD) LTD.
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Surface Water
Location	: Kumudini, Tangail
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 28.04.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023 (d)
				SW-1	
1	Coliform (Total)	CFU/100 mg/L	MFM	56	<5,000
2	Total P	mg/L	UVS	<2	0.5
3	Total N	mg/L	UVS	1.4	NYS
4	Nitrate	mg/L	UVS	2.3	7

*NOTE: ECR =Environmental Conservation Rules, IFC= International Finance Cooperation, NYS =Not Yet Set, AAS=Atomic Absorption Spectrophotometer, CRM= Closed Reflex Methods, MFM=Membrane Filtration Method, UVS=UV-Visible Spectrophotometer

Lab Test Performed by	Reviewed and checked by	Approved By
 Mahadi Hasan Executive (Environmental Lab), BEETLSL	 Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	 Dr. Fatima Akter Director, BEETLSL
24.05.2026	24.05.2026	24.05.2026

Ground Water Quality

	Government of the People's Republic of Bangladesh Office of the Chief Chemist Department of Public Health Engineering Central Lab, 38-39, Mohakhali C/A, Dhaka-1212 Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com	
	Lab Memo: 547/3, CC, DPHE, CL, Dhaka	

Date: 21-05-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

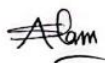
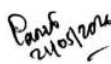
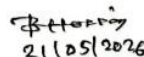
Sample ID: CEN2026050151	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Ground Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Tangail, Upa: Mirzapur
Care Taker: Envirocare International Ltd. (Sample ID : GW-1)	Union:, Vill.: Kumudini
Sample Collection date: 28-04-2026	Date of Testing: 03/05/2026-21/05/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.24	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.007	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	5	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	12	mg/L	CRM	-
5	Chloride	150-600	30	mg/L	Titrimetic	-
6	Dissolved Oxygen (DO)	6.0	5.90	mg/L	Multimeter	-
7	EC	-	460	μS/cm	Multimeter	-
8	Iron (Fe)	0.3-1	0.08	mg/L	AAS	0.05
9	Manganese (Mn)	0.1	0.73	mg/L	AAS	0.03
10	pH	6.5-8.5	7.3	-	pH Meter	-
11	Phosphate	6.0	0.25	mg/L	UVS	0.10
12	Temperature	20-30	26.0	°C	Thermometer	-
13	Total Dissolved Solid (TDS)	1000	230	mg/L	Multimeter	-
14	Total Suspended Solid (TSS)	10	4	mg/L	Gravimetric Method	-
15	Turbidity	10	0.82	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.

N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

Md. Biplab Hossain
 Chief Chemist
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Page 1 of 2



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Physical/ Chemical/ Bacteriological Analysis of Groundwater Sample

Name of the Project	: ESTABLISHMENT OF A MODERN WELL-EQUIPPED NURSING & CAREGIVING STUDENT DORMITORY UNDER KUMUDINI WELFARE TRUST OF BENGAL (BD) LTD.
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Groundwater
Location	: Kumudini, Tangail
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 28.04.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023
				GW-1	
1	Coliform (Fecal)	CFU/100 mL	MFM	0	0
2	Coliform (Total)	CFU/100 mL	MFM	0	0
3	Nitrate	mg/L	UVS	2.6	45

*NOTE: ECR =Environmental Conservation Rules, WHO= World Health Organization, NYS =Not Yet Set, AAS=Atomic Absorption Spectrophotometer, MFM=Membrane Filtration Method, UVS=UV-Visible Spectrophotometer

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
24.05.2026	24.05.2026	24.05.2026



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Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Ground Water Sample

Name of the Project	: Establishment of a Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) Ltd.
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Ground Water
Location	: KWT. MIRZAPUR, TANGAIL
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 18.06.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023	WHO Standard '2024
				GW-1		
1	Total Coliform (TC)	CFU/100	MFM	0	0	NYS
2	BOD ₅	mg/L	APHA 5210 B	0.11	0.2	NYS
3	Total-N	mg/L	UVS	0.42	NYS	NYS
4	Total-P	mg/L	UVS	0.05	NYS	NYS

*NOTE: ECR =Environmental Conservation Rules, NYS =Not Yet Set, MFM=Membrane Filtration Method, AAS= Atomic Absorption Spectrophotometry, UVS= UV-Visible Spectrophotometer, BDL= Below Detection Level

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
05.07.2026	05.07.2026	05.07.2026

(d) Sylhet Technical Training Centre (TTC), Sylhet

Air Quality Analysis



Ref: ECIL/2026/TTC-06/AAQM

ENVIROCARE ENVIRONMENTAL LABORATORY**Results of Ambient Air Quality Analysis**

Name of Project	: Renovation and Construction in Sylhet TTC (Package No. FD/SICIP/SYLHET TTC/WD 202/42/2024/1463)
Description of Activity	: Ambient Air Quality Analysis (Before Watering)
Monitored By	: EnviroCare Technical Team
Monitoring Date	: 11 th June, 2026
Date of Analysis	: 15 th June, 2026

Monitoring Location

Sl.	Monitoring Location	Location ID	GPS Coordinates
1.	TTC, Sylhet (Middle Point)	AAQM-1	24.8751393N, 91.89078173E

Description of Analysis

SN	Monitoring Locations	Monitoring Duration	Concentration of different parameters in ambient air							
			SPM	PM _{2.5}	PM ₁₀	CO ₂	O ₃	SO ₂	NO ₂	CO
1	AAQM-1 (Silent Zone, Middle Point)	Start: 04.00 PM End: 10.30 AM (next day)	83.88	24.41	48.44	224.36	5.76	15.29	16.17	0.51
Unit			µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
Monitoring Duration as per APCR'2022			24h	24h	24h	24h	24h	24h	24h	24h
Method of Analysis			Light Scattering Nephelometer			High Sensitivity Electrochemical				
Bangladesh Standard			NYS	65	150	NYS	100	80	80	5
IFC EHS Guidelines' 30 April 2007			NYS	25	50	NYS	100	20	200/1 hr.	NYS

* Standard: Air Pollution Control Rules on 26th July 2022; vide S.R.O No. 255-Law/2022 and Environment Conservation Rules (ECR) 2023 through its subsequent amendment on 19th July, 2005; vide S.R.O. No.220-Law/2005



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MS in Environmental Science (BAU)
Quality Manager



Ref: ECIL/2026/TTC-06/AAQM

ENVIROCARE ENVIRONMENTAL LABORATORY**Results of Ambient Air Quality Analysis**

Name of Project	: Renovation and Construction in Sylhet TTC (Package No. FD/SICIP/SYLHET TTC/WD 202/42/2024/1463)
Description of Activity	: Ambient Air Quality Analysis (Suppressed Dust)
Monitored By	: EnviroCare Technical Team
Monitoring Date	: 11 th June, 2026
Date of Analysis	: 15 th June, 2026

Monitoring Location

Sl.	Monitoring Location	Location ID	GPS Coordinates
1.	TTC, Sylhet (Middle Point)	AAQM-1	24.8751393N, 91.89078173E

Description of Analysis

SN	Monitoring Locations	Monitoring Duration	Concentration of different parameters in ambient air							
			SPM	PM _{2.5}	PM ₁₀	CO ₂	O ₃	SO ₂	NO ₂	CO
1	AAQM-1 (Silent Zone, Middle Point)	Start: 10.30 AM End: 4.00 PM	64.34	13.16	41.65	207.35	4.17	11.17	15.22	0.38
Unit			µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
Monitoring Duration as per APCR'2022			24h	24h	24h	24h	24h	24h	24h	24h
Method of Analysis			Light Scattering Nephelometer			High Sensitivity Electrochemical				
Bangladesh Standard			NYS	65	150	NYS	100	80	80	5
IFC EHS Guidelines' 30 April 2007			NYS	25	50	NYS	100	20	200/1 hr.	NYS

* Standard: Air Pollution Control Rules on 26th July 2022; vide S.R.O No. 255-Law/2022 and Environment Conservation Rules (ECR) 2023 through its subsequent amendment on 19th July, 2005; vide S.R.O. No.220-Law/2005



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Quality Manager

Noise Quality Analysis



Ref: ECIL/2026/TTC-06/ANLM

ENVIROCARE ENVIRONMENTAL LABORATORY**Results of Noise Level Analysis**

Name of Project	: Renovation and Construction in Sylhet TTC (Package No. FD/SICIP/SYLHET TTC/WD 202/42/2024/1463)
Description of Activity	: Ambient Noise Level Analysis
Monitored By	: EnviroCare Technical Team
Monitoring Date	: 11 th June, 2026
Date of Analysis	: 15 th June, 2026

Noise Level Monitoring Location

Sl.	Monitoring Location	Location ID	GPS Coordinates
1.	TTC, Sylhet (Middle Side)	ANLM-1	24.87506206N, 91.89086643E

Result analysis:

Location	Date	Time	Analyzed Value (Decibel)						Category	
			Day			Night				
			L _{eq}	L _{max}	L _{min}	L _{eq}	L _{max}	L _{min}		
ANLM-1 (Silent Zone, Middle Side)	11 June 2026- 12 June 2026	4.00 PM to 4.00 PM	43.77	68.12	33.98	36.73	61.35	30.96	Silent	
	Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
	Industrial area								75	70
	Commercial								70	60
	Mixed area								60	50
	Residential area								55	45
	Silent Area								50	40
World Bank / IFC Standard										
	Industrial area								70	70
	Residential; Institutional; Educational								55	45

*Standard: The Environment Conservation Rules (ECR), 2023 and Subsequent amendment in 2006



Sohanur
Prepared By
 Md. Sohanur
 B.Sc. in Environmental Science (KU)
 Consultant (Environment)

Sanjoy
Reviewed By
 Sanjoy Kumar Mondol
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Shorov
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Address: House #9 (3rd Flr), Road # 6, Sector # 12, Uttara, Dhaka-1230, Bangladesh. Cell: 01925687029,
 Phone: +88 0255087283, Web: www.envirocarebd.com, Email: info@envirocarebd.com

Ground Water Quality Analysis

	Government of the People's Republic of Bangladesh Office of the Chief Chemist Department of Public Health Engineering Central Lab, 38-39, Mohakhali C/A, Dhaka-1212 Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com	
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Lab Memo: 709/1, CC, DPHE, CL, Dhaka

Date: 05-07-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

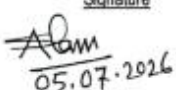
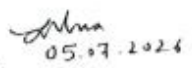
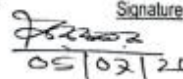
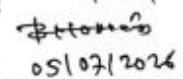
Sample ID: CEN2026070012	Sample Receiving date: 14-06-2026
Ref. Memo No: ECIL/2026/Nil & Dated: 14-06-2026	Sample Source: Ground Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Sylhet, Upa:
Care Taker: Envirocare International Ltd. (Sample : GW-1)	Union:, Vill.:
Sample Collection date: 12-06-2026	Date of Testing: 14/06/2026-05/07/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Arsenic (As)	0.05	0.010	mg/L	AAS	0.001
2	Chemical Oxygen Demand (COD)	4.0	12	mg/L	CRM	-
3	Chloride	150-600	15	mg/L	Titrimetric	-
4	Dissolved Oxygen (DO)	6.0	5.15	mg/L	Multimeter	-
5	EC	-	200	μS/cm	Multimeter	-
6	Iron (Fe)	0.3-1	3.12	mg/L	AAS	0.05
7	pH	6.5-8.5	7.2	-	pH Meter	-
8	Temperature	20-30	26.1	°C	Thermometer	-
9	Total Dissolved Solid (TDS)	1000	100	mg/L	Multimeter	-
10	Total Suspended Solid (TSS)	10	1	mg/L	Gravimetric Method	-
11	Turbidity	10	9.3	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.

N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

Test Performed by: 1.) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer  05.07.2026 2.) Name: Taslima Akhter Designation: Sample Analyzer  05.07.2026	Countersigned/Approved by: 1.) Name: Mita Sarker Designation: Senior Chemist  05/07/2026 2.) Name: Md. Biplab Hossain Designation: Chief Chemist  05/07/2026 Md. Biplab Hossain Chief Chemist Department of Public Health Engineering Central Laboratory Mohakhali, Dhaka
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BANGLADESH ENVIRONMENTAL ENGINEERING TRAINING & LAB SERVICES LTD.

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Email: info.beetls@gmail.com

Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Groundwater Sample

Name of the Project	: Renovation and Construction in Sylhet, TTC Contract No: FD/SICIP/Sylhet TTC/WD 2024/42/2024/ 1463
Name of the Client	TEAL
Description of sample	: Ground Water
Location	: Sylhet TTC
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 12.06.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023	WHO Standard '2024
				GW-1		
1	Total Coliform (TC)	CFU/100	MFM	0	0	NYS
2	BOD5	mg/L	APHA 5210 B	0.12	0.2	NYS
3	Total-N	mg/L	UVS	0.41	1.0	NYS
4	Total-P	mg/L	UVS	0.03	NYS	NYS

*NOTE: ECR =Environmental Conservation Rules, NYS =Not Yet Set, MFM=Membrane Filtration Method, AAS= Atomic Absorption Spectrophotometry, UVS= UV-Visible Spectrophotometer, BDL= Below Detection Level

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
13.07.2026	13.07.2026	13.07.2026

Surface Water Quality Analysis

	Government of the People's Republic of Bangladesh Office of the Chief Chemist Department of Public Health Engineering Central Lab, 38-39, Mohakhali C/A, Dhaka-1212 Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com	
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Lab Memo: 709/2,CC, DPHE, CL, Dhaka

Date: 05-07-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2026070013	Sample Receiving date: 14-06-2026
Ref. Memo No: ECIL/2026/NII & Dated: 14-06-2026	Sample Source: Surface Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Sylhet, Upa:
Care Taker: Envirocare International Ltd. (Sample : SW-1)	Union:, Vill.:
Sample Collection date: 12-06-2026	Date of Testing: 14/06/2026-05/07/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Chemical Oxygen Demand (COD)	4.0	48	mg/L	CRM	-
2	Dissolved Oxygen (DO)	6.0	4.65	mg/L	Multimeter	-
3	pH	6.5-8.5	7.3	-	pH Meter	-
4	Total Suspended Solid (TSS)	10	78	mg/L	Gravimetric Method	-
5	Turbidity	10	81.2	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.

N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

<u>Test Performed by:</u> 1.) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer 2.) Name: Taslima Akhter Designation: Sample Analyzer Signature 05.07.2026	<u>Countersigned/Approved by:</u> 1.) Name: Mita Sarker Designation: Senior Chemist 2.) Name: Md. Biplob Hossain Designation: Chief Chemist Signature 05/07/2026 Md. Biplob Hossain Chief Chemist Department of Public Health Engineering Central Laboratory Mohakhali, Dhaka
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Email: info.beetls@gmail.com

Customer/Accounts/Office Copy

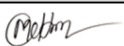
Physical/ Chemical/ Bacteriological Analysis of Surface Water Sample

Name of the Project	: Renovation and Construction in Sylhet, TTC Contract No: FD/SICIP/Sylhet TTC/WD 2024/42/2024/ 1463
Name of the Client	: TEAL
Description of sample	: Surface Water
Location	: Sylhet TTC
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 12.06.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023	IFC EHS Standard '2007
				DW-1		
1	BOD	-	APHA 5210 B	9.5	30	30
2	Coliform (Total)	CFU/100	MFM	52	<5,000	400 ^a
3	Total P	mg/L	UVS	0.86	NYS	2
4	Total N	mg/L	UVS	1.73	NYS	10

*NOTE: ECR =Environmental Conservation Rules, NYS =Not Yet Set, MFM=Membrane Filtration Method, UVS=UV-Visible Spectrophotometer, AAS= Atomic Absorption Spectrophotometry

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
13.07.2026	13.07.2026	13.07.2026

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

Quarterly Monitoring of January - March 2026

Air Quality Analysis



Ref: ECIL/2026/56-05/AAQM

Test Results of Ambient Air Quality Analysis

Name of Project	: Kumudini Nursing Academic Building (KWT) Mirzapur, Tangail.
Description of Sample	: Ambient Air Quality (AAQ)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.05.2026-14.05.2026
Date of Analysis	: 14.05.2026-17.05.2026
Reporting Date	: 17.05.2026

SN	Monitoring Locations	Monitoring Frequency	Concentration of different parameters in ambient air				
			PM _{2.5}	PM ₁₀	SO ₂	NO ₂	CO
1	AAQM-1, Kumudini, Tangail	Baseline, May 2026	20.02	34.32	8.39	12.50	0.35
2	24.09901231N, 90.09147289E						
	Unit		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
	Method		<i>Light Nephelometer</i>		<i>High precision Electrochemical sensor</i>		
	Bangladesh Standard		65	150	80	80	5
	International Standard (IFC EHS Guidelines' 30 Apr 2007)		25	50	20	200	10

*Standard: Air pollution Control Rules (APCR) On 26th July 2022; Vide S.R.O. NO. 255-Law/ 2022

*Note: This ambient air monitoring report was usually accomplished by- portable OCEANUS AQM-09 Machine; NYS=Not Yet set

- ☐ Comply with both APCR & IFC standard
- ☐ Doesn't Comply with BD standard (APCR 2022)
- ☐ Doesn't Comply with IFC standard (IFC EHS APRIL 2007)



Analyzed & Prepared By
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Consultant (Environment), & DTL (Consulting Dept.)

Reviewed By
Md. Shamim Biswas
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Consultant (Environment), Lab-in-charge & TL (Consulting Dept.)

Approved By
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Managing Director (MD)

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Phone: +88 0255087283, Web: www.envirocarebd.com, Email: info@envirocarebd.com

Noise Quality Analysis



A house of Inspection, Testing, Assessment & Consultancy

Ref: ECIL/2026/74-05/ANLM

Test Results of Noise Level Analysis

Name of Project	: Kumudini Nursing Academic Building (KWT) Mirzapur, Tangail.
Description of Sample	: Ambient Noise Level (ANL)
Sample Collector	: EnviroCare Technical Team
Monitoring Date	: 13.05.2026-14.05.2026
Date of Analysis	: 14.05.2026-17.05.2026
Reporting Date	: 17.05.2026

Location	Monitoring Frequency	Analyzed Value (Decibel)						Category	
		Day			Night				
		Leq	Lmax	Lmin	Leq	Lmax	Lmin		
ANLM-01- North Side of Project Site, Kumudini, Tangail 24.09893884N, 90.09145211E	Baseline, May 2026	51.6	62.4	37.4	39.6	53.3	31.5	Silent	
ANLM-02- South Side of Project Site, Kumudini, Tangail 24.09887185N 90.09138261E	Baseline, May 2026	52.03	63.2	38.7	38.9	54.8	32.6	Silent	
Bangladesh Standard, Noise Pollution Control Rules 2006								Day Time	Night Time
Industrial area								75	70
Commercial								70	60
Mixed area								60	50
Residential area								55	45
Silent Area								50	40
World Bank / IFC Standard									
Industrial area								70	70
Residential; Intiutional; Educational								55	45

Comply with BD standard (NPCR 2006)

Doesn't Comply with BD standard (NPCR 2006)



Analyzed & Prepared By
Md. Mehrab Hossain Manik
B.Sc. in Environmental Science (KU)
Consultant (Environment), DTL (Consulting Dept.)

Reviewed By
Md. Shamim Biswas
B.Sc. in Environmental Science (KU)
Consultant (Environment), Lab in-charge TL (Consulting Dept.)

Approved By
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Managing Director (MD)

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Surface Water Quality Analysis

Government of the People's Republic of Bangladesh
Office of the Chief Chemist
Department of Public Health Engineering
Central Lab, 38-39, Mohakhali C/A, Dhaka-1212
Phone: 88-02-9881927, Fax: 88-02-9882003; Email: wgmisc_central_lab@yahoo.com

Lab Memo: 547/4, CC, DPHE, CL, Dhaka

Date: 21-05-2026

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2026050152	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Surface Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Tangail, Upa: Mirzapur
Care Taker: Envirocare International Ltd. (Sample ID: SW-1)	Union: Vill.:
Sample Collection date: 28-04-2026	Date of Testing: 03/05/2026-21/05/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.82	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.005	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	10	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	44	mg/L	CRM	-
5	Dissolved Oxygen (DO)	6.0	4.70	mg/L	Multimeter	-
6	Iron (Fe)	0.3-1	0.11	mg/L	AAS	0.05
7	Manganese (Mn)	0.1	0.03	mg/L	AAS	0.03
8	pH	6.5-8.5	7.5	-	pH Meter	-
9	Phosphate	6.0	0.52	mg/L	UVS	0.10
10	Total Dissolved Solid (TDS)	1000	160	mg/L	Multimeter	-
11	Total Suspended Solid (TSS)	10	54	mg/L	Gravimetric Method	-
12	Turbidity	10	35.7	NTU	Turbidity Meter	-

Comments: Sample was collected & supplied by client.
N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.

Test Performed by: 1) Name: S.M. Parves Talukder Designation: Sample Analyzer Signature: <i>Pank</i> 21/05/2026 2) Name: Md. Saiful Alam Khosru Designation: Sample Analyzer Signature: <i>Alam</i> 21.05.2026	Countersigned/Approved by: 1) Name: Mita Sarker Designation: Senior Chemist Signature: <i>Mita Sarker</i> 2) Name: Md. Biplab Hossain Designation: Chief Chemist Signature: <i>Biplab Hossain</i> 21/05/2026 Md. Biplab Hossain Chief Chemist Department of Public Health Engineering Central Laboratory Mohakhali, Dhaka
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Page 1 of 1



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Email: info.beetls@gmail.com

Customer/Accounts/Office Copy

Physical/ Chemical/ Bacteriological Analysis of Surface Water Sample

Name of the Project	: Kumudini Nursing Academic Building (KWT) Mirzapur, Tangail.
Name of the Client	: Sheltech Engineering Ltd
Description of sample	: Surface Water
Location	: KWT. MIRZAPUR, TANGAIL
Sample Collector	: Collected by EnviroCare Technical Team
Analyzed By	: BEETLSL Laboratory
Sample Collection Date	: 28.04.2026

LABORATORY TEST RESULTS

SN	Parameters	Unit	Analysis Method	Concentration	BD Standard ECR '2023 (d)
				SW-1	
1	Coliform (Total)	CFU/100 mg/L	MFM	54	<5,000
2	Total P	mg/L	UVS	<2	0.5
3	Total N	mg/L	UVS	1.3	NYS
4	Nitrate	mg/L	UVS	1.9	7

*NOTE: ECR =Environmental Conservation Rules, IFC= International Finance Cooperation, NYS =Not Yet Set, AAS=Atomic Absorption Spectrophotometer, CRM= Closed Reflex Methods, MFM=Membrane Filtration Method, UVS=UV-Visible Spectrophotometer

Lab Test Performed by	Reviewed and checked by	Approved By
		
Mahadi Hasan Executive (Environmental Lab), BEETLSL	Md. Nasim Reza Environmental Monitoring Officer (Executive), BEETLSL	Dr. Fatima Akter Director, BEETLSL
24.05.2026	24.05.2026	24.05.2026

Ground Water Quality



Government of the People's Republic of Bangladesh
Office of the Chief Chemist
Department of Public Health Engineering
Central Lab, 38-39, Mohakhali C/A, Dhaka-1212
Phone: 88-02-9881927, Fax: 88-02-9882003, Email: wqmsc_central_lab@yahoo.com



Lab Memo: 547/1, CC, DPHE, CL, Dhaka Date: 21-05-2026

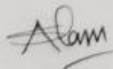
Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2026050149	Sample Receiving date: 03-05-2026
Ref. Memo No: ECIL/2026/Nill & Dated: 03-05-2026	Sample Source: Ground Water
Sent by: Nahid Hasan, Consultant (Environment) & TL (Op), Envirocare International Ltd., Uttara, Dhaka.	Dist: Tangail, Upa: Mirzapur
Care Taker: Envirocare International Ltd. (Sample ID: GW-1)	Union:, Vill.:
Sample Collection date: 28-04-2026	Date of Testing: 03/05/2026-21/05/2026

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Ammonia	0.5	0.56	mg/L	UVS	0.10
2	Arsenic (As)	0.05	0.007	mg/L	AAS	0.001
3	Biochemical Oxygen Demand (BOD)	0.2	2	mg/L	5 days Incubation	0.1
4	Chemical Oxygen Demand (COD)	4.0	8	mg/L	CRM	-
5	Chloride	150-600	30	mg/L	Titrimetic	-
6	Dissolved Oxygen (DO)	6.0	6.00	mg/L	Multimeter	-
7	EC	-	480	μS/cm	Multimeter	-
8	Iron (Fe)	0.3-1	0.09	mg/L	AAS	0.05
9	Manganese (Mn)	0.1	0.71	mg/L	AAS	0.03
10	pH	6.5-8.5	7.6	-	pH Meter	-
11	Phosphate	6.0	0.42	mg/L	UVS	0.10
12	Temperature	20-30	26.1	°C	Thermometer	-
13	Total Dissolved Solid (TDS)	1000	240	mg/L	Multimeter	-
14	Total Suspended Solid (TSS)	10	2	mg/L	Gravimetric Method	-
15	Turbidity	10	0.46	NTU	Turbidity Meter	-

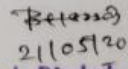
Comments: Sample was collected & supplied by client.
N.B: AAS - Atomic Absorption Spectrophotometer, UVS - UV-Visible Spectrophotometer, CRM-Closed Reflex Methods, LOQ - Limit of Quantitation.



Alam



Rane



21/05/2026
Md. Biplab Hossain
Chief Chemist
Department of Public Health Engineering
Central Laboratory Mohakhali, Dhaka

Page 1 of 2

Annex-11: Calibration Certificate and Accreditation Certificate



SCS
Standard Calibration Service
ISO/IEC : 17025
Accredited Laboratory

STANDARD CALIBRATION SERVICE PRIVATE LIMITED

www.scsbd-ltd.com



Corporate Office
Rabeya Commercial Complex, 33/kha (5th Floor)
Section-6, Mirpur Circle-10, Dhaka-1216, Bangladesh
Cell: +8801712 789 321

Laboratory Location
House # 427, Road # 15
Shaheenbagh, Tejgaon, Dhaka-1215
Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

Certificate No. 02609054787
Issue Date 09/05/2026

Customer Details:

Name	Envirocare International Ltd.
Address	House No # 09, Road No # 06, Sector # 12, Uttara, Dhaka, Bangladesh.

Details of Unit Under Calibration (UUC):

Description	Air Quality Monitor System
Manufacturer	Henan Oceanus Import & Export co.,Ltd
Model/Type	AQM-09
Serial Number	OC202203252070031
ID No.	EIL/AQM-02
Range/working Range	Ref on Obs
Least Count	Ref on Obs
Accuracy	As Per Instrument
Location of Calibration	Laboratory
Visual Inspection	OK
Date of Calibration	09/05/2026
Suggested Due Date	08/05/2027

Calibration Procedure The calibration had been performed in accordance with calibration procedure COP/SCS/115 (Procedure based on Comparison Method).

Calibration Result The details of standard equipment used for calibration & result of calibration are given in page 1 of 5.

Conclusion For the status of measurements please refer to the guidance notes.

Environment: (certified against calibrated digital temperature & humidity meter)

Temperature (°C)	25±3
Relative Humidity (%RH)	40 to 60

Change in temperature and relative humidity of the Laboratory during the calibration was less than 0.3°C per hour and 5.0% per 4 hours respectively.

This certificate is issued strictly in accordance with the requirements of ISO 17025:2017. All calibration equipments are traceable to the International Standards. Documentary evidence is available upon request.

02609054787

Page 1 of 5



SCS
Standard Calibration Service

ISO/IEC : 17025
Accredited Laboratory

STANDARD CALIBRATION SERVICE PRIVATE LIMITED

www.scsbd-ltd.com



Corporate Office
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Section-6, Mirpur Circle-10, Dhaka-1216, Bangladesh
Cell: +8801712 789 321

Laboratory Location
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Shaheenbagh, Tejgaon, Dhaka-1215
Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

Details of Standard Equipment Used for Calibration:

Sl. No.	Description	Make	Inst. Sl. /ID NO.	Certificate No.	Validity	Calibrated By
01	Carbon Oxide Meter	EXTECH	SCS/COM/01	QSIPL/CL-F/120725-11/097	14/07/2026	QSI
02	Carbon Monoxide Meter	Smart Sensor	SCS/CMM/01	QSIPL/CL-F/120725-11/098	14/07/2026	QSI
03	Portable Flue Gas Analyzer	LOOBO	SCS/PFGA/01	QSIPL/CL-F/120725-11/099	14/07/2026	QSI
04	Process Calibrator	Fluke	SCS/PC/01	QSIPL/CL-F/120725-11/032	14/07/2026	QSI
05	Digital Barometer	Lutron	SCS/DBM/01	QSIPL/CL-F/120725-11/009	14/07/2026	QSI
06	Digital Thermo Hygrometer	CEM	SCS/DL/01	QSIPL/CL-F/120725-11/041	14/07/2026	QSI

Guidance Notes:

- Status A** The measurement is within tolerance, due allowances having been made for the uncertainty of the measurement.
- Status B** The measurement may be out of tolerance, due allowances having been made for the uncertainty of the measurement.
- Status C** The measurement is out of tolerance, due allowances having been made for the uncertainty of the measurement.
- Status D** No conclusion can be drawn, because the standard(s) do(es) not specify a tolerance for this measurement.

OBSERVATION:

Temperature: (verified against calibrated instruments)

Sl. No.	Standard Value (°C)	U.U.C. Value (°C)	Error (°C)	Tolerance	Status	Uncertainty (°C)
01	-10.15	-10.0	0.15	N/S	D	±0.20
02	0.01	0.0	-0.01	N/S	D	
03	9.88	10.0	0.12	N/S	D	±0.30
04	19.79	20.0	0.21	N/S	D	
05	29.71	30.0	0.29	N/S	D	
06	49.56	50.0	0.44	N/S	D	

Humidity: (verified against calibrated instruments)

Sl. No.	Standard Value (%)	U.U.C. Value (%)	Error (%)	Tolerance	Status	Uncertainty (%)
01	19.9	20.0	0.1	N/S	D	±1.0
02	29.9	30.0	0.1	N/S	D	
03	39.5	40.0	0.5	N/S	D	
04	49.1	50.0	0.9	N/S	D	
05	68.9	70.0	1.1	N/S	D	
06	88.7	90.0	1.3	N/S	D	

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STANDARD CALIBRATION SERVICE PRIVATE LIMITED

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Corporate Office
Rabeya Commercial Complex, 33/kha (5th Floor)
Section-6, Mirpur Circle-10, Dhaka-1216, Bangladesh
Cell: +8801712 789 321

Laboratory Location
House # 427, Road # 15
Shaheenbagh, Tejgaon, Dhaka-1215
Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

Carbon Monoxide CO : (Upto 10 ppm)

Sl. No.	Target Value (ppm)	Actual Value (ppm)	Error	Tolerance	Status	Uncertainty
01	0	0.0	0.0	N/S	D	---
02	1	1.0	0.0	N/S	D	±0.05 % of rdg.
03	2	2.0	0.0	N/S	D	±0.05 % of rdg.
04	5	4.9	0.1	N/S	D	±0.05 % of rdg.
05	8	7.8	0.2	N/S	D	±0.05 % of rdg.

Nitrogen Dioxide NO₂ : (Upto 500 ppb)

Sl. No.	Target Value (ppb)	Actual Value (ppb)	Error	Tolerance	Status	Uncertainty
01	0	0.0	0.0	N/S	D	---
02	100	100.1	-0.1	N/S	D	±0.05 % of rdg.
03	200	200.4	-0.4	N/S	D	±0.05 % of rdg.
04	300	301.0	-1.0	N/S	D	±0.05 % of rdg.
05	450	451.2	-1.2	N/S	D	±0.05 % of rdg.

Ozone O₃ : (upto 10 ppm)

Sl. No.	Target Value (ppm)	Actual Value (ppm)	Error	Tolerance	Status	Uncertainty
01	0	0.0	0.0	N/S	D	---
02	1	1.0	0.0	N/S	D	±0.05 % of rdg.
03	2	2.1	-0.1	N/S	D	±0.05 % of rdg.
04	5	5.1	-0.1	N/S	D	±0.05 % of rdg.
05	8	8.3	-0.3	N/S	D	±0.05 % of rdg.

Sulfur Dioxide SO₂ : (upto 500 ppb)

Sl. No.	Target Value (ppb)	Actual Value (ppb)	Error	Tolerance	Status	Uncertainty
01	0	0.0	0.0	N/S	D	---
02	100	100.3	-0.3	N/S	D	±0.05 % of rdg.
03	200	200.7	-0.7	N/S	D	±0.05 % of rdg.
04	300	301.2	-1.2	N/S	D	±0.05 % of rdg.
05	450	451.5	-1.5	N/S	D	±0.05 % of rdg.



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House # 427, Road # 15
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Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

CERTIFICATE of CALIBRATION

H₂S : (upto 100.0 ppm)

Sl. No.	Target Value (ppm)	Actual Value (ppm)	Error	Tolerance	Status	Uncertainty
01	0.0	0.0	0.0	N/S	D	---
02	10.0	10.1	-0.1	N/S	D	±0.05 % of rdg.
03	30.0	30.2	-0.2	N/S	D	±0.05 % of rdg.
04	50.0	50.3	-0.3	N/S	D	±0.05 % of rdg.
05	80.0	80.3	-0.3	N/S	D	±0.05 % of rdg.

Particulate Matter (PM2.5) : (0 to 1000) µg/m³ (Verified Against Traceable Sample)

Sl. No.	STD. Readings (µg/m ³)	U.U.C. Readings (µg/m ³)	Error (µg/m ³)	Tolerance (µg/m ³)	Status	Uncertainty (µg/m ³)
01	50.04	50.0	0.04	N/S	D	±0.001
02	100.09	100.0	0.09	N/S	D	±0.001
03	200.17	200.0	0.17	N/S	D	±0.001
04	500.30	500.0	0.30	N/S	D	±0.001
05	900.55	900.0	0.55	N/S	D	±0.001

Particulate Matter (PM10) : (0 to 1000) µg/m³ (Verified Against Traceable Sample)

Sl. No.	STD. Readings (µg/m ³)	U.U.C. Readings (µg/m ³)	Error (µg/m ³)	Tolerance (µg/m ³)	Status	Uncertainty (µg/m ³)
01	50.10	50.0	0.10	N/S	D	±0.001
02	100.22	100.0	0.22	N/S	D	±0.001
03	200.38	200.0	0.38	N/S	D	±0.001
04	500.59	500.0	0.59	N/S	D	±0.001
05	900.73	900.0	0.73	N/S	D	±0.001

TSP (0 to 1000) µg/m³: (Verified Against Traceable Sample)

Sl. No.	Standard Value (µg/m ³)	U.U.C Value (µg/m ³)	Error (µg/m ³)	Tolerance (µg/m ³)	Status	Uncertainty
01	30.4	30.0	0.4	N/S	D	±0.4% of rdg.
02	51.7	50.0	1.7	N/S	D	±0.4% of rdg.
03	102.1	100.0	2.1	N/S	D	±0.4% of rdg.
04	502.9	500.0	2.9	N/S	D	±0.4% of rdg.
05	903.6	900.0	3.6	N/S	D	±0.4% of rdg.

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SCS
Standard Calibration Service

ISO/IEC : 17025
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STANDARD CALIBRATION SERVICE PRIVATE LIMITED

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Rabeya Commercial Complex, 33/kha (5th Floor)
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Laboratory Location
House # 427, Road # 15
Shaheenbagh, Tejgaon, Dhaka-1215
Tel: +88-02-48117267, Cell: +880 1921 612324, +880 1919 958147-50
E-mail: info@scsbd-ltd.com, www.scsbd-ltd.com

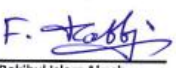
CERTIFICATE of CALIBRATION

The overall uncertainty shall be calculated as per ISO "Guide to the Expression of Uncertainty in Measurement" (GUM). The uncertainty represents an expanded uncertainty using a coverage factor $k=2$ to approximate a 95% confidence level.

Notes:

1. The values mentioned above are the mean readings.
2. No adjustment was done during the calibration.
3. Any section marked, "N/A" means Not Applicable, "N/P" means Not Provided, "N/R" means Not Readable, "N/S" means Not Specified.

Calibrated By:



Md. Rokibul Islam Akash
(Calibration Engineer)

Issued By:



Md. Arman Ahmed Razu
(Technical Manager)

End of Calibration Certificate



02609054787

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Annex-12: Photos of Training

Central Level Training



Training on Capacity Building Training on Environmental Monitoring and Reporting, 23 June 2026



Training on Capacity Building Training on Environmental Monitoring and Reporting, 23 June 2026

Site Level Training

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)



Toolbox Talks (Daily) (Task-specific hazards) dated 05/01/2026



Environmental Management Training (Waste, Dust, Noise Control)



Emergency Response (Fire safety, first aid)



GRM for Workers

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

	
Toolbox Talks (Daily) (Task-specific hazards) dated 03 January 2026	
	
Occupational Health and Safety (Working at height, excavation safety) 04 February 2026	
	
Environmental Management Training (Waste, Dust, Noise Control) 16 March 2026	
	
Emergency Response (Fire safety, first aid) 28 April 2026	

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

		
Occupational Health and Safety (Working at height, excavation safety), dated 20 January 2026		
		
Emergency Response (Fire safety, first aid), dated 12 February 2026		
		
Environmental Management Training (Waste, Dust, Noise Control), dated 17 February 2026		
		
Environmental Awareness and Safety Education 07 April 2026		



GRM for Workers, dated 21 June 2026

(d) Sylhet Technical Training Centre (TTC), Sylhet



Tool Box Talk, dated 18 February 2026



Environmental Awareness, dated 09 March 2026



Environmental Awareness, dated 13 June 2026



Tool Box Talk, Dated 22 June 2026



GRM for Workers, dated 30 June 2026

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail



Training on Occupational Health and Safety (Working at height, excavation safety), 06 January 2026



Training on Toolbox Talks (Daily) (Task-specific hazards), 12 January 2026



Training on Environmental Management Training (Waste, Dust, Noise Control), 25 February 2026



Training on Emergency Response (Fire safety, first aid), 15 April 2026



Training on GRM for Workers, 15 June 2026

Annex-13: Attendance of Training

Central Level Training

Training on "Capacity Building Training on the Implementation of the Environmental Management Plan", dated 15 January 2026

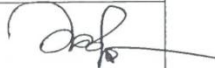
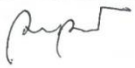
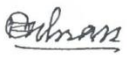
Government of the People's Republic of Bangladesh
Finance Division, Ministry of Finance
Skills for Industry Competitiveness Innovation Program (SICIP)
Prabashi Kallan Bhaban (15th Floor), 71-72 Old Elephant Road
Eskaton Garden, Ramna, Dhaka-1000
www.sicip.gov.bd

Attendance Sheet

Workshop for Implementation of the Environmental Management Plan (EMP)

Date & Time : 15 January, 2026 at 09:00 A.M

Venue : Conference Room, SICIP

#	Name & Designation	Organization, Mobile & E-mail	Signature
1.			
2.	Md. Mayur Alam Pradhan DEPD	SICIP	
3.	Sohel Mahmud AEPD	SICIP	
4.	Md. Badruz Zamam Engr. & speaker	SICIP	
5.	Md. Ashiful Ahsan Procurement Specialist	SICIP	
6.	AHM MOJAMMAL Environmental Specialist SICIP	SICIP 01758428271 mojammal.ahmed@gmail.com	
7.	Md. Omdosur Rahman Site Engr. - E&C	SICIP 01733102885	
8.	MD. Mahmudur Rahman Tannin Site Engineer - Electrical	SICIP 01632027757	
9.	Gulam Lubna Site Engineer - Civil	SICIP 01738187064	
10.	MD SAIFUL ISLAM SHAKIL Site Engineer, civil	SICIP 01701332810898	

#	Name & Designation	Organization, Mobile & E-mail	Signature
11.	ANIK AHNAF Site Engineer	SICIP 01332810896	Anik
12.	Md. Robiul Islam Site Engineer	SICIP 01332810896	Robi
13.	Md. Abul Khair Site Engineer	SICIP 01332-810897 abul.khair@sicip.gov.bd	AB
14.	AHAMMAD KABIR Engineering Specialist	SICIP 01770799909 kabir@sicip.gov.bd	Ahammad Kabir
15.	Muhammad Khaled Saifullah Hashemi, P.S.	SICIP	Khalid
16.	Engr. Khalif Md. Bulbul (Dy. Chief Engineer)	SHELTECH ENGINEERING LTD.	15/01/26
17.	Engr. Md. Zahurul Haq Sr. Asst. Chief Engr.	SHELTECH ENGINEERING LTD.	Zahurul
18.	Engr. Miazi Mehnab Asst. Manager	Sheltech Engineering Ltd. 01921713180	Miazi
19.	Eng. Md. Hamidul Islam D.E.E	Sheltech Engineering Ltd. 01766-694861	Hamidul
20.	Engr. Mahbubul Alam Sr. Executive Engineer	Sheltech Engineering Ltd. 01709-636514	Mahbubul
21.	Shuvo Biswas Site Engineer	Sheltech Engineering Ltd. 01765790468	Shuvo
22.	Md Amran Hossain Sr. Asst. Engineer	Sheltech Engineering Ltd. 01711-376095	Amran
23.	Md. Lomam Sharif Director	Starlite - EHA (JV) 01917202330	Lomam Sharif
24.	Astaful Alam Site Engineer	Starlite - EHA (JV) 01762117473	Astaful
25.	Md. Rubel Mia Environmenter Engr.	Starlite - EHA (JV) 01793-007787	Rubel

#	Name & Designation	Organization, Mobile & E-mail	Signature
26.	Abir Ahmed Site Engineer	The Engineers & Architects Ltd.	
27.	Md. Rajib Ali Project Engineer	The Engineers & Architects Ltd. 01773-642212 ms.mohammadr40@gmail.com	
28.	Imamul Hasan Imon Residential Engr.	The Engineers & Architects Ltd. 01624120404 username.imon@gmail.com	
29.	Md. Nuruzzaman Program Officer	SICIP	
30.	Md. Zahidul Islam	SICIP	
31.	Md. Nuruzzaman Hossen	SICIP	
32.	Md. Nuruzzaman Hossen		
33.	Md. Mahmud Rahman Sumon C.O	SICIP	
34.	Md. Mojibur Rahman	SICIP	
35.	or Cleaner.		
36.			
37.			
38.			
39.			
40.			

Training on "Capacity Building Training on Environmental Monitoring and Reporting"
dated 23 June 2026

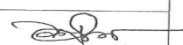
Government of the Peoples' Republic of Bangladesh
Finance Division, Ministry of Finance
Skills for Industry Competitiveness and Innovation Program (SICIP)
Probashi Kalyan Bhaban (14th & 15th Floor)
71-72 Eskaton Garden, Ramna, Dhaka-1000.
www.sicip.gov.bd

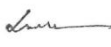
Attendance Sheet

Workshop On: Environmental Monitoring and Reporting

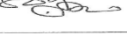
Date: 23 June 2026, Tuesday at 9.00 AM- 5.00 PM (Day Long)

Venue: Conference Room (14th Floor), SICIP, Finance Division, Ministry of Finance

Sl. No.	Name, Designation & Ministry/ Division/ Organization	Mobile Number & Email	Signature
1.	Md Mayjuz Alam Rodhan DEPD	SICIP 01716439233	
2.	Jobel Mahmud AEPD	SICIP	
3.	Md. Badruz Zamam Engineering Specialist	0177079925	
4.	AHAMMAD KABIR Engineering Specialist	0177079909 kabir@sicip.gov.bd	Ahammad Kabir
5.	MD. Mahmudur Rahman Tanim	0163 2027707 mahmudur@sicip.gov.bd	MD. M. Fahir
6.	Md. Ododouzz Rahman	01711296683 SICIP	
7.	Giulam Kibria	01738-187069 kibria@sicip.gov.bd	
8.	Md. Robiul Islam Site Engineer, SICIP.	01332 810836	Rabiul

Sl. No.	Name, Designation & Ministry/ Division/ Organization	Mobile Number & Email	Signature
9.	ANIK AHMAD SICIP	01332810833	Anik
10.	Md. Abul Khair Site Engineer SICIP	01332-810897 abul.khair@sicip.gov.bd	
11.	Asratul Alam Site Engineer EHA STARLITE (JV)	01762117473	
12.	Md. Lomen Sharif Director starlite-EHA (JV)	01917202330	
13.	PROBIR KUMAR BHADURY B.Sc Engr. (Civil) General Manager Anik Trading and Construction Limited	01968077929	
14.	Md. Rubel Parves Project Engineer Anik Trading & Construction Ltd	01723814569	
15.	MOHSIN HOSSAIN EHS Manager Anik Trading & Const. Ltd.	01787656791	
16.	Md. Abir Ahmed Site Engineer The Engineers And Architects Ltd	01648650946	
17.	Amrit Paul Environmental Safety Officer The Engineers And Architects Ltd	01616116477	
18.	Imamul Hasan Imou Project Engr. The Engineers & Architects Ltd	01624120404	
19.	Md. Mayen Hasan Environmental Safety Officer The Engineers & Architects Limited	01616-969607	
20.	Shuvo Bixwas Environment Health & Safety Officer Sheltech Engineering Ltd	01313450130	

Sl. No.	Name, Designation & Ministry/ Division/ Organization	Mobile Number & Email	Signature
21.	Ms. Sofikul Islam (Surveyor) Sheltech Engineering Ltd.	01609229402	Sheltech
22.	Mr. Mahbubul Alam, Sr. Executive Engineer, Sheltech Engineering Ltd. West Hamrahat Island D.F.E.	01709636519	
23.	Sheltech Engineering Ltd.	017666604861 Construction39@sheltechengineering.com.bd	
24.	Engr. Miaz, Mehnab Asst. Manager Sheltech Engineering Ltd.	01921713180 mahnab@sheltechconstruction65@sheltechengineering.com.bd	
25.	Mr. Zahirul Haq Sr. Asst. Ch. Engr. Sheltech Engineering Ltd.	01766694870	Zahirul
26.	KHALIF MOHAMMED BULBUL Dy. Chief Engineer Sheltech Engineering Ltd.	01766694862	Ms 23/06/26
27.	SHARMIN SULTANA Consultant (Environment) Envirocare Int. Ltd.	01723844083	Sharmin 23.06.2026
28.	AHM MAJAMMAL	01758428271	Apur 23/06/2026
29.	Dulal Kumar Shil	01770799917	
30.	Mr. Mahfuzur Rahman		
31.	Mr. Shubul Alam	8241P	
32.	Mr. Nurunnabi	11	

Sl. No.	Name, Designation & Ministry/ Division/ Organization	Mobile Number & Email	Signature
33.	EPD Sir		Present
34.	Syeda Ameera Fatma		Present
35.	Muzenul Sir		Present
36.	Nur Uddin Al Faruk		Present
37.	Md. Maimun Rahman Barman	SICIP	
38.	Md. Saiful Islam Shafiq Site Engineer SICIP	01332-810898	 23.06.2026
39.	Fazida Begum	SICIP	
40.	Kh. Lekhon	SICIP	
41.			
42.			
43.			
44.			

Site Level Training

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

Skills for Industry Competitiveness and Innovation Program (SICIP)

Training Attendance Sheet

Date: 18-2-26

Sub-project Name: Smart Textile Technology Living Labs (STTL)

Training Topic: Occupational Health and Safety (working at height, excavation Safety)

Sl	Participant's Name	Designation	Phone	Signature
1.	Rasel	Mason	01726112146	[Signature]
2.	Sharif	Mason	01716136268	[Signature]
3.	Razzak	Mason	0174340381	[Signature]
4.	Mahedi	Mason	01726327445	[Signature]
5.	Firoz	Helper	01822516288	[Signature]
6.	Abdullah	Helper	01725925702	[Signature]
7.	Shahin	Helper	01737444524	[Signature]
8.	Momin	Helper	01614104404	[Signature]
9.	Mizan	Mason	0172506018	[Signature]
10.	Shakil	Mason	01747456092	[Signature]

Signature	[Signature]	Signature	[Signature]
Name and Designation of Trainer	MD. Abin Hasan (Site Engineer)	Name and Designation of Consultant Engineer	Md Saiful Jabbar Shah Site Engineer (SICIP)

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Skills for Industry Competitiveness and Innovation Program (SICIP)

Training Attendance Sheet

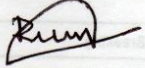
Project Name: Narsingdi Automotive Training Institute

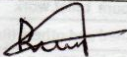
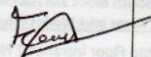
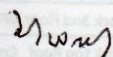
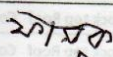
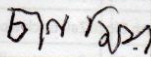
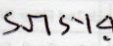
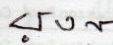
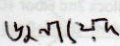
Title of Training: Toolbox Talks

Date: 3 January 2026

Venue: NATI

Name of Trainer: MD. Rubel Mia

Signature of Trainer: 

Sl.	Name	Designation	Signature
1	MD. Rubel Mia	Safety Manager	
2	Asraful Alam	Site Eng.	
3	Ful Mia	Manager	
4	Macula	Worker	
5	Faruq	"	
6	San Mia	"	
7	Sagor	"	
8	Poton	"	
9	Junayed	"	
10			
11			
12			
13			
14			
15			

**(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory
Under Kumudini Welfare Trust of Bengal (BD) LTD.**



SHELTECH ENGINEERING LIMITED

SAFETY TRAINING RECORD

Date of Training : 12 Feb 2026

Name of Project : Student Dormitory Building (KWT)

Content of Training: Emergency Response (Fire safety, first aid)

SL.NO	Document Title
01.	Safety for civil construction work.
02.	Environment & Health Safety.

Participants:

SL	Name	Designation or ID	Temperature(°F)	Signature
1	Rubel Hossain	Manager	98	[Signature]
2	Mahfuj Alom	Sanitary Foreman	99	[Signature]
3	Sirajul	Foreman	98	[Signature]
4	Arif	Rod Mason	98	[Signature]
5	Faisal	Masonry Helper	99	[Signature]
6	Rinku	Helper	96	[Signature]
7	Shorif	Rod Mason	97	[Signature]
8	Khokon	Helper	97	[Signature]
9	Sazzad	Sanitary Helper	99	[Signature]
10	Mijan	Helper	97	[Signature]
11	Sanjoy	Helper	98	[Signature]
12	Ahad	Rod Mason	98	[Signature]
13	Mafiz	Helper	96	[Signature]
14	Eftekhari	Rod Mason	99	[Signature]
15	Tarek	Rod Mason	98	[Signature]
16	Ohidul	Helper	98	[Signature]
17	Baten	Rod Mason	97	[Signature]
18	Mishu	Helper	97	[Signature]
19	Munna	Masonry Helper	98	[Signature]
20	Nabil	Helper	99	[Signature]

[Signature]
12.02.26

Trainer

Name & Designation

Consultant Engineer

Name & Designation

[Signature]
12.02.26
Md. Robiul Islam
(Site Engineer)
Skills for Industry Competitiveness
and Innovation Program (SICIP)
Finance Division Ministry of Finance

[Signature]
12/02/2026

Project In-Charge

Name & Designation

Md. Hamidul Islam
Deputy Executive Engineer
ID: 1362-21
Sheltech Engineering Ltd.

(d) Sylhet Technical Training Centre (TTC), Sylhet

Skills for Industry Competitiveness and Innovation Program (SICIP)

Training Attendance

Project Name: Renovation & Construction in STTC

Title of Training: GERM for workers.

Date: 30.06.2026

Venue: S.T.T.C

Name of Trainer: Amit Paul

Signature of Trainer: 

Sl.	Name	Designation	Signature
16	মিডিয়াস্ট	লক্ষ্য	মিডিয়াস্ট
17	আব্বাস	৷	আব্বাস
18	সুজান্না	৷	সুজান্না
19	আব্বাস	৷	আব্বাস
20	আব্বাস	৷	আব্বাস
21	আব্বাস ২য়	৷	আব্বাস
22	আব্বাস	৷	আব্বাস
26	আব্বাস	৷	
28	দুলা	৷	দুলা
25	আব্বাস	৷	আব্বাস
26	সুজান্না	৷	
27	আব্বাস	৷	আব্বাস
28	আব্বাস	৷	আব্বাস
29	সুজান্না	৷	সুজান্না
30	সুজান্না	৷	

31. আব্বাস

আব্বাস

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT),
Mirzapur, Tangail


SHELTECH ENGINEERING LIMITED

SAFETY TRAINING RECORD

Date of Training : 15 April 2026

Name of Project : Nursing Academic Building (KWT)

Content of Training: Emergency Response (Fire safety, first aid)

SL.NO	Document Title
01.	Safety for civil construction work.
02.	Environment & Health Safety.

Participants:

SL	Name	Designation or ID	Temperature(°F)	Signature
1	Shohidul Islam	Manager	97	<i>[Signature]</i>
2	Sagor Ali	Foreman	97	<i>[Signature]</i>
3	Moslem	Helper	98	<i>[Signature]</i>
4	Tuhin	Rod Mason	98	<i>[Signature]</i>
5	Akidul	Helper	97	<i>[Signature]</i>
6	Motin	Helper	98	<i>[Signature]</i>
7	Tusher	Rod Mason	99	<i>[Signature]</i>
8	Ribul	Helper	98	<i>[Signature]</i>
9	Nayem	Helper	97	<i>[Signature]</i>
10	Polash	Helper	98	<i>[Signature]</i>

[Signature]
15.04.26
Trainer

Name & Designation

Consultant Engineer

[Signature]
15.04.26
Md. Robiul Islam
(Site Engineer)
Skills for Industry Competitiveness
and Innovation Program (SICIP)
Finance Division, Ministry of Finance

[Signature]
15/04/2026
Project In-Charge

Name & Designation

Md. Hamidul Islam
Deputy Executive Engineer
ID: 1362-21
Sheltech Engineering Ltd.

Annex-14: Photos of Stakeholder Consultation Meeting

(g) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)



Stakeholder Consultation Meeting, Dated 17 March 2026

(h) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi



Stakeholder Consultation Meeting, dated 10 June 2026

(i) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.



Stakeholder Consultation Meeting, dated 09 March 2026

(j) Sylhet Technical Training Centre (TTC), Sylhet



Stakeholder Consultation Meeting, dated 12 February 2026

(k) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail



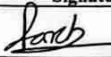
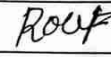
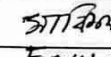
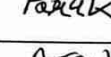
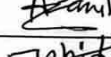
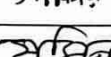
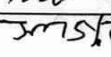
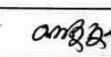
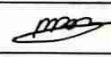
Stakeholder Consultation Meeting, dated 11 February 2026

Annex-15: Attendance of Stakeholder Consultation Meeting

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

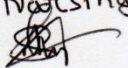
Skills for Industry Competitiveness and Innovation Program (SICIP)
Attendance Sheet for Stakeholder Consultation Meeting

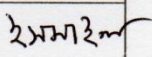
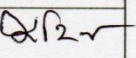
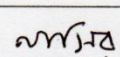
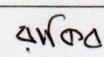
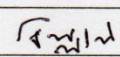
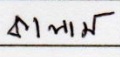
Project Name: Smart Textile Technology Living Labs (STTL)
Title: Stakeholder Consultation Meeting
Date: 17.3.26 Venue: STTL
Name of Facilitator: Md. Sabbir Hossen Signature of Facilitator: 

Sl.	Name	Village/ Moholla	Phone	Signature
01	Md. Tarek Rahman	Zorangong	01352163778	
02	Md. Abdur Rouf	"	01873363837	
03	Md. Shakil	"	01346270390	
04	Md. Faruq	"	01862772987	
05	Md. Alamin	"	01096136768	
06	Jahid Hossain	"	01603357261	
07	Sabbir Hossen	"	01844010868	
08	Momin	"	0196327719	
09	Rouf	"	01335940432	
10	Sagor	"	01785925702	
11	AZIZUL Hakim	"	01623022312	
1	Mehedi	"	01990309180	

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

Skills for Industry Competitiveness and Innovation program (CICIP)
Attendance Sheet for Stakeholder Consultation Meeting.

Project Name: Narsingdi Automotive Training Institute (NATI)
Title: Stakeholder Consultation Meeting.
Date: 10/6/26
Contractor Company: EHA-Starlite (JV) Venue: Narsingdi
Name of Facilitator: Asmaful Alam Signature of Facilitator: 

Sl. No.	Name	Village	Phone	Signature
1	Ismail	Dogoria	01752551297	
2	Tuhin	11	01937166917	
3	Nasir	11	01747973757	
4	Rakib	11	01831714397	
5	Billal	11	01938163422	
6	Kakum	11	01780037761	
7				
8				
9				
10				

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: Student Dormitory Building

Title: Stakeholder Consultation Meeting

Date: 09/03/2026

Venue: Kumudini

Name of Facilitator: Shuvo Biswas

Signature of Facilitator: Biswas

Sl.	Name	Village/ Moholla	Phone	Signature
01	Shihab	Mirzapur	01331008778	শাহাব
02	Rashedul	"	0195729386	রাহাদুল
03	Nazmul	"	01581503860	নাজমুল
04	Shohag	"	01792616495	শাহাগ
05	Rifat	"	01758355631	রিফাত
06	Liton	"	01991506262	লিটন
07	Sabuj	"	01317990115	সবুজ
08	Dulal	"	0178264463	দুলাল
09	Motaleb	"	01313892657	মোতালেব
10	Shahin	"	01751453106	শাহিন
11	Rifat-2	"	01748157779	রিফাত-২
12	Mahar	"	01774407558	মাহার
13	Sabuj-2	"	01308842107	সবুজ-২

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: Student Dormitory Building

Title: Stakeholder Consultation Meeting

Date: 17/06/2026Venue: KumudiniName of Facilitator: Shuvo BiswasSignature of Facilitator: [Signature]

Sl.	Name	Village/ Moholla	Phone	Signature
01	Agos Ali	Mirzapur	01313450134	[Signature]
02	Sabbir Khan	"	01765770468	[Signature]
03	Rahmat	"	01783644983	[Signature]
04	Shahin	"	01581503860	[Signature]
05	Sagor	"	01313892657	[Signature]
06	Mamun	"	01748157779	[Signature]
07	Rubel	"	01629165562	[Signature]
08	Sabuj	"	01308842107	Sabuj
09	Rana	"	01314616500	[Signature]

(d) Sylhet Technical Training Centre (TTC), Sylhet

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: Renovation & Construction in sylhet. sttc

Title: Stakeholder Consultation Meeting

Date: 12.02.2026

Venue: Alompur, sttc

Name of Facilitator: Amit Paul

Signature of Facilitator: Amit Paul
12.02.2026

Sl.	Name	Village/ Moholla	Phone	Signature
1.	Emad	Alompur	01732-313596	Emad
2	Korim	"	01726-12112	Korim
3	Shahag	"	01823-191618	Shahag
4.	Rakib	Craigijong	01925-231618	Rakib
5	Sosib	"	0151-1519143	Sosib
6	Miraj	Alompur	019191913	Miraj
7.	Md. Rajeb Ali	Alompur	01773-642212	Md. Rajeb Ali

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: Renovation & construction in sylhet T.T.C

Title: Stakeholder Consultation Meeting

Date: 21-05-2024

Venue: Alompur Sylhet.

Name of Facilitator: Amit Paul

Signature of Facilitator: Amit

Sl.	Name	Village/ Moholla	Phone	Signature
01.	হাফিজ	কুড়িগ্রাম	01310174418	হাফিজ
02	মো: মোহাম্মদ হাফিজ	বাইচাঁ	0173194488	মোহাম্মদ
03	আব্দুল হকিম	বিমানাবাদ	01319081402	আব্দুল হকিম
04	আব্দুল হকিম	হাকিমপুর	01342104691	
05	মো: হাকিম	হ	01767700088	হাকিম
06.	আব্দুল হকিম	মুন্সিগঞ্জ	01726461218	আব্দুল হকিম
07	আব্দুল হকিম	আব্দুল হকিমপুর 01		আব্দুল হকিম
08.	মো: হাকিম আলী	আব্দুল হকিম	01773-642212	হাকিম
09.	মো: হাকিম আলী	আব্দুল হকিম	01789 79999	Masud
10.	Glom Kabir	Site Engineer SICIP	01738187067	Kabir

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: *Nursing Academic Building*

Title: Stakeholder Consultation Meeting

Date: *11/02/2026*

Venue: *Kumudini*

Name of Facilitator: *Md Bonhan - A - Hasin*

Signature of Facilitator: *Bonhan*

Sl.	Name	Village/ Moholla	Phone	Signature
01	Motin	Mirzapur	01581560000	<i>মোতিন</i>
02	Amdadul	"	01679788189	<i>আমদুল</i>
03	Shohid	"	01735743808	<i>শহীদ</i>
04	Al-Amin	"	0134123816	<i>আল আমিন</i>
05	Kabin	"	01757649185	<i>কবিন</i>
06	Soheer	"	0131461600	<i>সোহেল</i>
07	Zahid	"	01920714086	<i>জাহিদ</i>
08	Nadim	"	01609635885	<i>নাদিম</i>

Skills for Industry Competitiveness and Innovation Program (SICIP)

Attendance Sheet for Stakeholder Consultation Meeting

Project Name: Nursing Academic Building

Title: Stakeholder Consultation Meeting

Date: 16/06/2026

Venue: Kumudini

Name of Facilitator: Md. Borhan-A-Hasin

Signature of Facilitator: Borhan

Sl.	Name	Village/ Moholla	Phone	Signature
01	Astkasul	Mirzapur	01837464214	আব্দুল
02	Saisul	"	01720933498	সাইসুল
03	Abdullah	"	01312278983	আব্দুল
04	Boblu	"	01408875782	বাবুল
05	Bukhe mia	"	01767879332	বুখিয়া
06	Hasisur	"	01319673158	হাসিউর
07	Hoque Shateb	"	01771729515	হক শাহেব
08	Shosib	"	01629165302	শোসিব
09	Mamun	"	01723066269	মামুন

Annex-16: Applications of SCC/ECC for Construction Works of Kumudini Nursing Institute

Submitted Application for SCC

DoE ECC System <https://ecc-beta.doe.gov.bd/service-view/preview/obsthangt-charptr...>

অবস্থানগত ছাড়পত্র এর জন্য আবেদনপত্র, শ্রেণী - কমলা
[বিধি ৯ এর উপ-বিধি (১), বিধি ১০ এর উপ-বিধি (১), বিধি ১১ এর উপ-বিধি (১), বিধি ১২ এর উপ-বিধি (১),
বিধি ১৪ এর উপ-বিধি (১) ও বিধি ২৩ এর উপ-বিধি (৪) দ্রষ্টব্য]

অবকাঠামো প্রকল্পের জন্য

আবেদন নং : 788733

আবেদনের তারিখ : 26-Jan-2026

বরাবর,
উপ-পরিচালক
টাংগাইল জেলা কার্যালয়
টাংগাইল

জনাব,
আমি আমার প্রস্তাবিত অবকাঠামো প্রকল্পের এর জন্য নিম্নে প্রদত্ত তথ্যাদিসহ কাগজপত্র জমা প্রদান করিয়া অবস্থানগত ছাড়পত্র এর
জন্য আবেদন করিতেছি :

১। প্রকল্পের নাম : কুমুদিনী নাসিং একাডেমি(প্রাঃ) ভবন
(ক) প্রকল্পের অবস্থানগত ঠিকানা : বাইমহাটা,পোঃ মির্জাপুর,উপজেলাঃ মির্জাপুর,জেলাঃ টাঙ্গাইল,বাইমহাটা,পোঃ মির্জাপুর,উপজেলাঃ
মির্জাপুর,জেলাঃ টাঙ্গাইল
(খ) অফিসের বর্তমান ঠিকানা : বাইমহাটা,পোঃ মির্জাপুর,উপজেলাঃ মির্জাপুর,জেলাঃ টাঙ্গাইল, বাইমহাটা,পোঃ মির্জাপুর,উপজেলাঃ
মির্জাপুর,জেলাঃ টাঙ্গাইল, MIRZAPUR, Tangail

২। প্রস্তাবিত প্রকল্প :
(অ) সম্ভাব্য প্রকল্প ব্যয় (টাকায়) : 440,000,000
(আ) প্রকল্পের উন্নয়ন কাজ শুরুর সম্ভাব্য তারিখ : 01-Jan-2026
(ই) প্রকল্প সমাপ্তির সম্ভাব্য তারিখ : 31-Dec-2026
(ঈ) প্রকল্প চালু হইবার সম্ভাব্য তারিখ (প্রযোজ্য ক্ষেত্রে) : 01-Jan-2027

৩। প্রকল্পের জমির বিবরণ :
(অ) মোট জমির পরিমাণ : 2 Decimal
(আ) জমির মালিকানার বিবরণ (একর) :

(১) ক্রয়সূত্রে	(২) রেকর্ডসূত্রে	(৩) লিজ	(৪) পাওয়ার অব অ্যাটর্নি	(৫) খাস বা সরকারি	(৬) অন্যান্য	(৭) মোট (একর)
						0.00

(ই) প্রকল্পভুক্ত জমির ধরন/বর্তমান অবস্থা (একর) :

(১) কৃষি/ নাল	(২) বসত ভিটা	(৩) অকৃষি	(৪) পাহাড়/ টিলা	(৫) পুকুর/ জলাশয়	(৬) প্রাকৃতিক জলাভূমি	(৭) অন্যান্য	(৮) মোট (একর)
							0.00

(ঈ) প্রস্তাবিত প্রকল্প পরিবেশগত সংকটাপন্ন এলাকাভুক্ত কিংবা তফসিল-৯ এ বর্ণিত নিষিদ্ধ এলাকার অন্তর্ভুক্ত কি না : না

৪। প্রকল্পের প্রধান কার্যক্রম (ভূমি উন্নয়ন, অবকাঠামো নির্মাণ ও পরিচালনা পর্যায়) : সংযুক্ত নয়
৫। প্রকল্প উন্নয়ন ও পরিচালনার জন্য প্রয়োজনীয় প্রধান উপকরণসমূহের নাম ও পরিমাণ : সংযুক্ত নয়

Md. Abdul Hai
Assistant General Manager (AGM)
Kumudini Women's Medical College & Hospital
Mirzapur, Tangail.

1 of 3 1/26/2026, 6:37 PM

Response from DoE

Received on 28.02.26

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিবেশ অধিদপ্তর
টাঙ্গাইল জেলা কার্যালয়
প্রান্ত ভিলা, ঢাকা মোড়, আট পুকুর পাড়, টাঙ্গাইল
www.doe.gov.bd

তারিখ: ২০ মাঘ ১৪৩২ বঙ্গাব্দ
০৩ ফেব্রুয়ারি ২০২৬ খ্রিষ্টাব্দ

স্মারক নম্বর: ২২.০২.৯৩০০.১৪৩.০৭১.০৪১.২৬.৮৯

বিষয়: অবস্থানগত ছাড়পত্র প্রসঙ্গে
সূত্র: আপনার গত ২৬.০১.২০২৬ খ্রিঃ তারিখের আবেদন

উপর্যুক্ত বিষয় ও সূত্রের পরিশ্রেক্ষিতে, কুমুদিনী নাসিং একাডেমি (প্রাঃ) ভবন, বাইমহাটা, মির্জাপুর, টাঙ্গাইল নামক ভবনের অনুকূলে দাখিলকৃত অবস্থানগত ছাড়পত্রের আবেদনটি প্রক্রিয়াকরণের জন্য নিম্নবর্ণিত কাগজপত্রাদি দাখিল করা প্রয়োজন।

(ক) ভবনের বিল্ডআপ এরিয়া সংক্রান্ত তথ্য;
(খ) লোড বিয়ারিং সার্টিফিকেট; ✓
(গ) জমির দলিল/হালানাপাদ খতিয়ান; ✓
(ঘ) লোকেশন ম্যাপ; ✓
(ঙ) সয়েল টেস্ট এর ফলাফল; ✓
(চ) ফায়ার সার্ভিস ও সিভিল ডিফেন্স অধিদপ্তরের অনাপত্তিপত্র; X
(ছ) পয়ঃবর্জ্য ব্যবস্থাপনার বিস্তারিত বিবরণ/এসটিপি'র ড্রয়িং, ডিজাইন ও ক্যালকুলেশন; ✓
(জ) জমি বিষয়ে সহকারী কমিশনার (ভূমি) এর প্রত্যয়নপত্র;
(ঝ) দাগ চিহ্নিত সুস্পষ্ট মৌজাম্যাপ; ✓
(ঞ) ভবনের অনুমোদিত ড্রয়িং, ডিজাইন ও লে-আউট প্লান;
(ট) স্থপতি ও শ্রীকচারাল ইঞ্জিনিয়ার এর নমুনা স্বাক্ষর;
(ঠ) ট্রাফিক বিভাগের অনাপত্তিপত্র; X

০২। এছাড়াও উদ্যোক্তার দাখিলকৃত আবেদনপত্রে জমির পরিমাণ ২ শতাংশ এবং স্থানীয় কর্তৃপক্ষের অনাপত্তিপত্রে জমির পরিমাণ ১০৮৫ নং দাগে ১.৫৮ শতাংশ এবং দাখিলকৃত খতিয়ানপত্রে জমির পরিমাণ ১০৮৫ নং দাগে ১.৫৮ একর উল্লেখ রয়েছে। জমির পরিমাণ বিষয়ে সুস্পষ্ট তথ্য দাখিল করতে হবে এবং সে অনুযায়ী স্থানীয় কর্তৃপক্ষের অনাপত্তিপত্র দাখিল করতে হবে।

০৩। এমতাবস্থায়, আগামী ০৭ (সাত) কার্যদিবসের মধ্যে উল্লিখিত কাগজপত্রাদি অনলাইনে আপলোড করে অত্র দপ্তরে দাখিল করার জন্য আপনাকে অনুরোধ করা হলো। ব্যর্থতায়, আপনার আবেদনটি নথিভুক্ত করা হবে।

০৩-০২-২০২৬
মো: জহিরুল ইসলাম তালুকদার
উপ-পরিচালক

kumudinihospital@gmail.com, Director
কুমুদিনী নাসিং একাডেমি(প্রাঃ) ভবন, বাইমহাটা, পোঃ মির্জাপুর, উপজেলাঃ মির্জাপুর, জেলাঃ টাঙ্গাইল
01684618125, kumudinihospital@gmail.com

Received
28.2.26 10:00 AM

KWT Response to DoE

KUMUDINI HOSPITAL
(Kumudini Welfare Trust of Bengal (BD) Ltd.)
MIRZAPUR.

Tel & Fax : 09229-56172. 01730090294
Email : info@kumudinihospital.org.bd
Web : kumudinihospital.org.bd
Mob : 8801730090294

Dept.
P. O. MIRZAPUR, TANGAIL
BANGLADESH

Ref. No KH-Letter-378 Date 11-07-2026

পরিবেশ অধিদপ্তর, জেলা অফিস, টাঙ্গাইল
স্বাক্ষরিত
তারিখ: ১১-০৭-২০২৬

বরাবর,
উপ পরিচালক
পরিবেশ অধিদপ্তর
টাঙ্গাইল জেলা কার্যালয়
প্রান্তভিলা, ঢাকা রোড, আট পুকুরপাড়
টাঙ্গাইল।

বিষয় : অবস্থানগত ছাড়পত্র প্রসঙ্গে।

সূত্র : স্মারক নং- ২২.০২.৯৩০০.১৪৩.০৭১.০৪১.২৬.৮৯ তারিখ : ০৩-০২-২০২৬ইং

মহোদয়,

উপর্যুক্ত বিষয় ও সূত্রের আলোকে আপনার সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য জানা। যাচ্ছে যে, আপনার প্রেরিত পত্রের আলোকে যাবতীয় তথ্যাদিসহ প্রয়োজনীয় কাগজপত্র দাখিল করা হল। এখানে উল্লেখ্য যে, প্লট ২ জমির পরিমাণ দাগ নং ১০৮৫ তে জমি ১.৫৮ একর। ভুলবশত পৌরসভার চিঠিতে ১.৫৮ শতাংশ উল্লেখ ছিল। তাই সংশ্লিষ্ট অনাপত্তিপত্র দাখিল করা হল। পরবর্তী সদয় প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য বিণীত অনুরোধ করা হল।

নিবেদক,

ডা. প্রদীপ কুমার রায়
পরিচালক
কুমুদিনী হাসপাতাল
মির্জাপুর, টাঙ্গাইল
Dr. Pradipto Kumar Roy
MBBS (Diploma), DSS (Meninge)
Director
Kumudini Welfare Medical College & Hospital

Annex 17: Site Visit

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)



EPD of SICIP VISIT, 08 April 2026

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi



EPD of SICIP visit, 25 April 2026



EPD of SICIP visit, 25 April 2026

(c) Sylhet Technical Training Centre (TTC), Sylhet

	
DEPD of SICIP and KOICA VISIT, 26 June 2026	
	
BMET visit, 27 June 2026	EPD, SICIP visit, 12 May 2026

Annex 18: Routine Safety Checklist

(a) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

SITE SAFETY CHECKLIST FORMAT

Project Name: Student Dormitory Building(KWT)

Location: Kumudini Hospital Mirzapur, Tangail.

Date: 20/04/2026

Contractor Company: Sheltech Engineering Ltd

Safety Officer Name: Shuvo Biswas

WORKER DETAILS

Sl. No.	Worker Name	ID No.	Trade/Skill	PPE Checked (✓/X)	Signature
01	Azim Uddin	84	Masonry Foreman	✓	[Signature]
02	Rakib	74	Masonry Helper	✓	[Signature]
03	Roton	30	Rod Mason	✓	[Signature]
04	Durjoy	20	Helper	✓	[Signature]
05	Jashim	29	Rod Mason	✓	[Signature]
06	Ajoy	19	Helper	✓	[Signature]
07	Ram	88	Rod Mason	✓	[Signature]
08	Joy	102	Helper	✓	[Signature]
09	Hafiz	98	Masonry Helper	✓	[Signature]
10	Ronjit	87	Helper	✓	[Signature]
11	Samsul	83	Helper	✓	[Signature]
12	Emon	105	Masonry Helper	✓	[Signature]
13	Bablu	99	Helper	✓	[Signature]
14	Nuruzzaman	88	Rod Mason	✓	[Signature]
15	Robin	100	Helper	✓	[Signature]
16	Shadin	96	Masonry Helper	✓	[Signature]
17	Rasel	91	Helper	✓	[Signature]
18	Rabbi	101	Helper	✓	[Signature]
19	Atikur	86	Rod Mason	✓	[Signature]
20	Niloy	89	Sanitary Helper	✓	[Signature]
21	Apurbo	79	Helper	✓	[Signature]

SAFETY CHECKLIST ITEMS

Sl. No.	Safety Item Description	Yes (✓)	No (X)	Remarks
1	Work Permit Approved	✓		
2	Risk Assessment Available	✓		
3	Barricades & Signboards Installed	✓		
4	PPE Provided to Workers	✓		
5	Equipment Inspection Done	✓		
6	Emergency Contact Displayed	✓		
7	First Aid Box Available	✓		
8	Fire Extinguisher Available	✓		

TOOL / EQUIPMENT CHECK

Tool/Equipment Name	Inspection Status (OK/NOT OK)	Remarks
First Aid Box	OK	
Fire Extinguisher	OK	

DECLARATION & SIGNATURES

Safety Officer Name & Signature: Biswas Date: 20/01/2026

Shuvo Biswas

Contractor Representative Signature: Hamidul Date: 20/01/2026

Md. Hamidul Islam

CSC / Consultant Signature: Paul Date: 20/01/2026

Md. Robiul Islam

(b) Sylhet Technical Training Centre (TTC), Sylhet

Skills for Industry Competitiveness and Innovation Program (SICIP)

Site Safety Checklist

Project Name: Renovation and Construction in Sylhet TTC .

Location : Alampur ,Technical Training Centre, Sylhet.

Date: 09.01.2026

Contractor Company : The Engineers & Architects Ltd.

Safety Officer Name : Amit Paul

Sl.	Name	Designation	PPE Checklist (✓/X)	Signature
01	মিলন	বড ডিজাইন	✓	মিলন
02	সুলতান	হেল্পার	✓	সুলতান
03	ইব্রাহিম	বড ডিজাইন	✓	ইব্রাহিম
04	আমরফ	বড ডিজাইন	✓	আমরফ
05	ইব্রাহিম	মেসার ডিজাইন	✓	ইব্রাহিম
06	বালান	হেল্পার	✓	বালান
07	হামান	বড ডিজাইন	✓	হামান
08	মাইকুল	মেসার ডিজাইন	✓	মাইকুল
09	ইব্রাহিম	হেল্পার	✓	ইব্রাহিম
10	মাইকুল	মেসার (হেল্পার)	✓	মাইকুল
11	মাইকুল	ডিজাইন	✓	মাইকুল
12	মরচা	হেল্পার	✓	মরচা
13	বুহান	হেল্পার	✓	বুহান
14	মোতাজ	ডিজাইন	✓	মোতাজ

Skills for Industry Competitiveness and Innovation Program (SICIP)

Safety Checklist Items

Sl.	Safety item	Yes (✓)	No (X)	Remark
1	Work Permit Approved	✓		
2	Risk Assessment Available	✓		
3	Barricades & Signboards installed	✓		
4	PPE Provided to Workers	✓		
5	Equipment inspection Done	✓		
6	Emergency contract Displayed	✓		
7	Fast Aid Box Available	✓		
8	Fire extinguisher Available	✓		

Tool / Equipment Check

Tool / Equipment Name	Inspection Status (Ok/ Not ok)	
Fast Aid Box	Ok	
Fire extinguisher	Ok	

Declaration & Signature

Safety officer Name: Amit Paul Signature: Amit Paul Date: 09.01.2026

Contractor Representative Name: Md. Shaniful Islam Signature: Md. Shaniful Islam Date: 09/01/2026

CSC/ Consultant Name: Gulam Kibria Signature: Gulam Kibria Date: 09/01/2026

(c) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

SITE SAFETY CHECKLIST FORMAT

Project Name: Nursing Academic Building(KWT)

Location: Kumudini Hospital Mirzapur.Tangail

Date: 06/01/2026

Contractor Company: Sheltech Engineering Ltd

Safety Officer Name: MD. Borhan-A-Hasin

WORKER DETAILS

Sl. No.	Worker Name	ID No.	Trade/Skill	PPE Checked (✓/X)	Signature
01	Sagor Ali	22	Foreman	✓	সাগর
02	Hussain	08	Rod Mason	✓	হুসাইন
03	Jamiruddin	14	Rod Mason	✓	JAMIR
04	Kanon	19	Helper	✓	কানন
05	Halim	23	Rod Mason	✓	হালিম
06	Kauser	06	Helper	✓	০৬/৬/১০
07	Habib	01	Rod Mason	✓	হাবিব
08	Ibrahim	30	Helper	✓	ইব্রাহিম
09	Mukul	33	Helper	✓	মুকুল
10	Mokaddes	38	Helper	✓	মকাদ্দেস

SAFETY CHECKLIST ITEMS

Sl. No.	Safety Item Description	Yes (✓)	No (X)	Remarks
1	Work Permit Approved	✓		
2	Risk Assessment Available	✓		
3	Barricades & Signboards Installed	✓		
4	PPE Provided to Workers	✓		
5	Equipment Inspection Done	✓		
6	Emergency Contact Displayed	✓		
7	First Aid Box Available	✓		
8	Fire Extinguisher Available	✓		

TOOL / EQUIPMENT CHECK

Tool/Equipment Name	Inspection Status (OK/NOT OK)	Remarks
First Aid Box	OK	
Fire Extinguisher	OK	

DECLARATION & SIGNATURES

Safety Officer Name & Signature: Borhan Date: 06/01/2026

Contractor Representative Signature: Md. Borhan-A-Hosin
Hamidul Date: 06/01/2026
Md. Hamidul Islam

CSC / Consultant Signature: Peri Date: 06/01/2026
Md. Robiul Islam

Annex 19: Tool Box Talk Register

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

S.No	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No of Participants	Remarks
1.	1 Jan 2026	8:05 am	STTL	PPE (Personal Protective Equipment)	Site Safety officer	22	Completed
2.	3 Jan 2026	8:05 am	STTL	House Keeping	Site Safety officer	23	Completed
3.	5 Jan 2026	8:05 am	STTL	Fire Safety & Emergency Response	Site Safety officer	18	Completed
4.	6 Jan 2026	8:05 am	STTL	Ladder Safety	Site Safety officer	25	Completed
5.	8 Jan 2026	8:04 am	STTL	Scaffolding Safety	Site Safety officer	24	Completed
6.	10 Jan 2026	8:05 am	STTL	Electrical Safety	Site Safety officer	23	Completed
7.	12 Jan 2026	8:06 am	STTL	Fire Safety	Site Safety officer	21	Completed
8.	13 Jan 2026	8:07 am	STTL	Hot Work Safety	Site Safety officer	19	Completed
9.	15 Jan 2026	8:08 am	STTL	Excavation Safety	Site Safety officer	18	Completed
10.	17 Jan 2026	8:09 am	STTL	Cran & Lifting Safety	Site Safety officer	23	Completed
11.	19 Jan 2026	8:10 am	STTL	Rigging Safety	Site Safety officer	24	Completed
12.	20 Jan 2026	8:11 am	STTL	Manual Material Safety	Site Safety officer	23	Completed
13.	22 Jan 2026	8:12 am	STTL	Hand Tools Safety	Site Safety officer	24	Completed
14.	24 Jan 2026	8:13 am	STTL	Power Tools Safety	Site Safety officer	25	Completed
15.	26 Jan 2026	8:14 am	STTL	Concrete Casting Safety	Site Safety officer	24	Completed
16.	27 Jan 2026	8:15 am	STTL	Rebar & steel fixing Safety	Site Safety officer	23	Completed
17.	29 Jan 2026	8:00 am	STTL	Formwork Safety	Site Safety officer	20	Completed
18.	31 Jan 2026	8:01 am	STTL	Excavation & Heavy Equipment	Site Safety officer	21	Completed
19.	01 Feb 2026	8:02 am	STTL	Vehicle & Traffic Management	Site Safety officer	19	Completed
20.	02 Feb 2026	8:03 am	STTL	Confined Space Entry	Site Safety officer	20	Completed
21.	03 Feb 2026	8:04 am	STTL	Chemical Safety Entry	Site Safety officer	23	Completed
22.	05 Feb 2026	8:05 am	STTL	Welding & Cutting Safety	Site Safety officer	24	Completed
23.	07 Feb 2026	8:06 am	STTL	Heat stress & Dehydration	Site Safety officer	25	Completed
24.	08 Feb 2026	8:07 am	STTL	PPE Requirement	Site Safety officer	15	Completed
25.	10 Feb 2026	8:08 am	STTL	Slip, Trip & Fall Prevention	Site Safety officer	24	Completed
26.	11 Feb 2026	8:09 am	STTL	Emergency Response	Site Safety officer	23	Completed
27.	12 Feb 2026	8:10 am	STTL	First Aid Awareness	Site Safety officer	22	Completed
28.	15 Feb 2026	8:11 am	STTL	Unsafe Act & Unsafe Condition	Site Safety officer	24	Completed
29.	16 Feb 2026	8:12 am	STTL	Near Miss Reporting	Site Safety officer	25	Completed
30.	17 Feb 2026	8:13 am	STTL	Tool box Talks (Daily)	Site Safety officer	26	Completed

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SL No	Date	Time	Location	Topic of Tool Box Talk	Conducted By	No. of Participant	Remarks
31.	10 Feb 2026	8:14 am	STTL	Occupational Health and Safety	Site Safety officer	22	Completed
32.	22 Feb 2026	8:15 am	STTL	Environment Management	Site Safety officer	24	Completed
33.	24 Feb 2026	8:00 am	STTL	Emergency Response	Site Safety officer	25	Completed
34.	25 Feb 2026	8:02 am	STTL	Toolbox talk (High-risk activities)	Site Safety officer	20	Completed
35.	26 Feb 2026	8:02 am	STTL	GIRM for Workers	Site Safety officer	18	Completed
36.	28 Feb 2026	8:03 am	STTL	Fall Protection	Site Safety officer	19	Completed
37.	01 Mar 2026	8:04 am	STTL	Electrical Safety	Site Safety officer	21	Completed
38.	02 Mar 2026	8:05 am	STTL	Fire Prevention	Site Safety officer	22	Completed
39.	03 Mar 2026	8:06 am	STTL	Hazard (Communication)	Site Safety officer	25	Completed
40.	05 Mar 2026	8:07 am	STTL	Noise Exposure and Hearing Protection	Site Safety officer	26	Completed
41.	07 Mar 2026	8:08 am	STTL	Housekeeping onsite	Site Safety officer	23	Completed
42.	08 Mar 2026	8:09 am	STTL	Welding and Cutting Safety	Site Safety officer	21	Completed
43.	09 Mar 2026	8:10 am	STTL	Drug and Alcohol Awareness	Site Safety officer	22	Completed
44.	10 Mar 2026	8:11 am	STTL	Concrete and Masonry Safety	Site Safety officer	23	Completed
45.	12 Mar 2026	8:12 am	STTL	Heat Stress Prevention	Site Safety officer	24	Completed
46.	14 Mar 2026	8:13 am	STTL	Reporting Near Misses	Site Safety officer	25	Completed
47.	15 Mar 2026	8:14 am	STTL	Personal Protective Equipment	Site Safety officer	26	Completed
48.	16 Mar 2026	8:15 am	STTL	Crane Safety	Site Safety officer	21	Completed
49.	24 Mar 2026	8:00 am	STTL	Heat Stress Prevention	Site Safety officer	19	Completed
50.	25 Mar 2026	8:01 am	STTL	Heavy Equipment Safety	Site Safety officer	20	Completed
51.	28 Mar 2026	8:02 am	STTL	Hand and Power tool Safety	Site Safety officer	24	Completed
52.	29 Mar 2026	8:03 am	STTL	Scaffolding Safety	Site Safety officer	25	Completed
53.	30 Mar 2026	8:04 am	STTL	Ladder Safety	Site Safety officer	26	Completed
54.	31 Mar 2026	8:05 am	STTL	Toolbox talks (Daily)	Site Safety officer	24	Completed
55.	01 Apr 2026	8:06 am	STTL	Occupational Health and Safety	Site Safety officer	23	Completed
56.	04 Apr 2026	8:07 am	STTL	Environmental Management Training (Waste, Dust, Noise Control)	Site Safety officer	21	Completed
57.	05 Apr 2026	8:08 am	STTL	Emergency Response (Fire Safety)	Site Safety officer	24	Completed
58.	06 Apr 2026	8:09 am	STTL	Toolbox talks (Daily, High-Risk activities)	Site Safety officer	25	Completed
59.	08 Apr 2026	8:04 am	STTL	GIRM for Workers	Site Safety officer	26	Completed
60.	11 Apr 2026	8:05 am	STTL	Fall Protection	Site Safety officer	25	Completed

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Tool box talk Register
Construction of Smart textile technology Living Lab
Location: Jorhatgong, Mirsharai, Chittagong

Sl. No	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No of Participant	Remarks
61.	13 Apr 2026	8:12 am	STTL	Electrical Safety	Site Safety officer	18	Completed
62.	15 Apr 2026	8:13 am	STTL	Safe Manual Handling	Site Safety officer	17	Completed
63.	16 Apr 2026	8:14 am	STTL	Hazard Communication	Site Safety officer	21	Completed
64.	18 Apr 2026	8:12 am	STTL	Noise Exposure and Hearing Protection	Site Safety officer	22	Completed
65.	19 Apr 2026	8:03 am	STTL	Housekeeping on site	Site Safety officer	23	Completed
66.	20 Apr 2026	8:03 am	STTL	Welding and Cutting Safety	Site Safety officer	24	Completed
67.	21 Apr 2026	8:04 am	STTL	Drug and Alcohol Awareness	Site Safety officer	25	Completed
68.	23 Apr 2026	8:02 am	STTL	Concrete and Masonry Safety	Site Safety officer	26	Completed
69.	25 Apr 2026	8:05 am	STTL	Eye Protection	Site Safety officer	23	Completed
70.	27 Apr 2026	8:08 am	STTL	Reporting Near Misses	Site Safety officer	22	Completed
71.	28 Apr 2026	8:10 am	STTL	Personal Protective Equipment	Site Safety officer	25	Completed
72.	30 Apr 2026	8:07 am	STTL	Cranes Safety	Site Safety officer	21	Completed
73.	02 May 2026	8:00 am	STTL	Heat Stress Prevention	Site Safety officer	19	Completed
74.	03 May 2026	8:02 am	STTL	Heavy Equipment Safety	Site Safety officer	18	Completed
75.	04 May 2026	8:05 am	STTL	Hand and Power tools Safety	Site Safety officer	22	Completed
76.	05 May 2026	8:11 am	STTL	Scaffolding Safety	Site Safety officer	23	Completed
77.	06 May 2026	8:08 am	STTL	Ladders Safety	Site Safety officer	24	Completed
78.	07 May 2026	8:05 am	STTL	Toolbox talks (Daily)	Site Safety officer	25	Completed
79.	09 May 2026	8:06 am	STTL	Occupational Health and Safety (Working at Height)	Site Safety officer	26	Completed
80.	10 May 2026	8:07 am	STTL	Environmental Management	Site Safety officer	21	Completed
81.	11 May 2026	8:10 am	STTL	Emergency Response (Fire safety)	Site Safety officer	20	Completed
82.	13 May 2026	8:11 am	STTL	Toolbox talks (Daily)	Site Safety officer	23	Completed
83.	14 May 2026	8:05 am	STTL	GIRMs for Workers	Site Safety officer	24	Completed
84.	16 May 2026	8:03 am	STTL	Fall Protection	Site Safety officer	21	Completed
85.	17 May 2026	8:08 am	STTL	Electrical Safety	Site Safety officer	23	Completed
86.	18 May 2026	8:10 am	STTL	Fire Prevention	Site Safety officer	22	Completed
87.	19 May 2026	8:06 am	STTL	Hazard Communication	Site Safety officer	23	Completed
88.	20 May 2026	8:07 am	STTL	Electrical Safety	Site Safety officer	24	Completed
89.	21 May 2026	8:05 am	STTL	Housekeeping on site	Site Safety officer	25	Completed
90.	23 May 2026	8:09 am	STTL	Welding and Cutting Safety	Site Safety officer	26	Completed

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Toolbox talk Register
Construction of Smart textile Technology Living Lab
Location: Jorhatgong, Mirsharai, Chittagong

SL No	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No of participant	Remarks
91.	24 Jun 2026	8:00 am	STTL	Drug and Alcohol Awareness	Site Safety officer	26	Completed
92.	01 Jun 2026	8:02 am	STTL	Concrete and Masonry safety	Site Safety officer	26	Completed
93.	02 Jun 2026	8:05 am	STTL	Eye Protection	Site Safety officer	24	Completed
94.	03 Jun 2026	8:06 am	STTL	Reporting Near Misses	Site Safety officer	20	Completed
95.	04 Jun 2026	8:07 am	STTL	Personal Protective Equipment	Site Safety officer	26	Completed
96.	06 Jun 2026	8:02 am	STTL	Crane Safety	Site Safety officer	24	Completed
97.	07 Jun 2026	8:02 am	STTL	Heat Stress Prevention	Site Safety officer	24	Completed
98.	09 Jun 2026	8:07 am	STTL	Heavy Equipment Safety	Site Safety officer	48	Completed
99.	11 Jun 2026	8:11 am	STTL	Hand and Power tool Safety	Site Safety officer	22	Completed
100.	13 Jun 2026	8:02 am	STTL	Scaffolding Safety	Site Safety officer	21	Completed
101.	14 Jun 2026	8:04 am	STTL	Ladder Safety	Site Safety officer	22	Completed
102.	16 Jun 2026	8:05 am	STTL	Toolbox Talks (Daily)	Site Safety officer	25	Completed
103.	17 Jun 2026	8:08 am	STTL	Occupational Health and Safety	Site Safety officer	19	Completed
104.	20 Jun 2026	8:09 am	STTL	Environmental Management Training	Site Safety officer	23	Completed
105.	22 Jun 2026	8:11 am	STTL	Emergency Response (Fire safety)	Site Safety officer	24	Completed
106.	24 Jun 2026	8:12 am	STTL	Toolbox talk (Daily)	Site Safety officer	23	Completed
107.	25 Jun 2026	8:03 am	STTL	GRM for Workers	Site Safety officer	22	Completed
108.	27 Jun 2026	8:05 am	STTL	Fall Protection	Site Safety officer	21	Completed
109.	28 Jun 2026	8:07 am	STTL	Electrical Safety	Site Safety officer	26	Completed
110.	30 Jun 2026	8:08 am	STTL	Fire Prevention	Site Safety officer	25	Completed

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(b) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

SL No.	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No. of Participants	Remarks
01	01.01.26	8:00AM	KWT	PPE Requirements	Site Safety officer	26	Completed.
02	05.01.26	8:00AM	KWT	Heat stress Prevention	Site Safety officer	25	Completed.
03	06.01.26	8:10 AM	KWT	Safe Manual Handling	Site Safety officer	25	Completed.
04	08.01.26	8:05AM	KWT	Electrical safety	Site Safety officer	27	Completed.
05	12.01.26	8:00 AM	KWT	Fire safety & Emergency Response	Site Safety officer	27	Completed.
06	13.01.26	8:00 AM	KWT	GRM for workers	Site Safety officer	28	Completed.
07	14.01.26	8:00 AM	KWT	Fire Prevention	Site Safety officer	25	Completed.
08	19.01.26	8:00 AM	KWT	Eye Protection	Site Safety officer	25	Completed.
09	20.01.26	8:00 AM	KWT	Occupational health and safety	Site Safety officer	20	Completed.
10	21.01.26	8:00AM	KWT	Housekeeping on site	Site Safety officer	24	Completed.
11	22.01.26	8:10AM	KWT	Welding and cutting safety	Site Safety officer	26	Completed.
12	26.01.26	8:05 AM	KWT	Hazard Communication	Site Safety officer	26	Completed.
13	27.01.26	8:05 AM	KWT	Heat stress prevention	Site Safety officer	25	Completed.
14	28.01.26	8:00AM	KWT	Repeating Near Misses	Site Safety officer	24	Completed.
15	29.01.26	8:10AM	KWT	Heavy Equipment safety	Site Safety officer	26	Completed.
16	02.02.26	8:00AM	KWT	Emergency Response	Site Safety officer	25	Completed.
17	03.02.26	8:00AM	KWT	Concrete & Masonry safety	Site Safety officer	25	Completed.
18	05.02.26	8:05AM	KWT	Fall protection	Site Safety officer	28	Completed.
19	07.02.26	8:05AM	KWT	Fire prevention	Site Safety officer	24	Completed.
20	09.02.26	8:00AM	KWT	Electrical safety	Site Safety officer	22	Completed.
21	10.02.26	8:00AM	KWT	Eye protection	Site Safety officer	24	Completed.
22	12.02.26	8:10AM	KWT	Emergency Response	Site Safety officer	26	Completed.
23	16.02.26	8:05AM	KWT	Scaffolding safety	Site Safety officer	24	Completed.
24	17.02.26	8:00AM	KWT	Personal protective Equipment	Site Safety officer	24	Completed.
25	18.02.26	8:00AM	KWT	GRM for workers	Site Safety officer	25	Completed.
26	19.02.26	8:05AM	KWT	Toolbox Talks	Site Safety officer	24	Completed.
27	23.02.26	8:05AM	KWT	Welding & cutting safety	Site Safety officer	26	Completed.
28	24.02.26	8:00AM	KWT	Heavy Equipment safety	Site Safety officer	24	Completed.
29	25.02.26	8:00AM	KWT	Environmental Management Training	Site Safety officer	27	Completed.
30	26.02.26	8:00AM	KWT	Blow by power tool safety	Site Safety officer	27	Completed.

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SL No.	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No. of Participants	Remarks
31	04.03.26	8:00AM	KWT	Emergency Response	Site Safety Officer	24	Completed
32	05.03.26	8:05AM	KWT	Toolbox Talks	Site Safety Officer	25	Completed
33	08.03.26	8:00AM	KWT	GIRM for workers	Site Safety Officer	25	Completed
34	09.03.26	8:05AM	KWT	Fall protection	Site Safety Officer	26	Completed
35	10.03.26	8:05AM	KWT	Electrical Safety	Site Safety Officer	26	Completed
36	11.03.26	8:10AM	KWT	Fire Prevention	Site Safety Officer	24	Completed
37	12.03.26	8:10AM	KWT	Hazard Communication	Site Safety Officer	25	Completed
38	14.03.26	8:00AM	KWT	Drug & Alcohol Awareness	Site Safety Officer	26	Completed
39	15.03.26	8:00AM	KWT	Eye protection	Site Safety Officer	24	Completed
40	16.03.26	8:05AM	KWT	Reporting near misses	Site Safety Officer	24	Completed
41	18.03.26	8:05AM	KWT	Personal protective equipment	Site Safety Officer	26	Completed
42	24.03.26	8:00AM	KWT	Heavy Equipment safety	Site Safety Officer	24	Completed
43	25.03.26	8:00AM	KWT	Scaffolding Safety	Site Safety Officer	20	Completed
44	29.03.26	8:00AM	KWT	Ladders Safety	Site Safety Officer	22	Completed
45	30.03.26	8:05AM	KWT	Environment management training	Site Safety Officer	22	Completed
46	31.03.26	8:05AM	KWT	Electrical Safety	Site Safety Officer	24	Completed
47	01.04.26	8:00AM	KWT	GIRM for workers	Site Safety Officer	24	Completed
48	02.04.26	8:00AM	KWT	Toolbox Talks	Site Safety Officer	20	Completed
49	05.04.26	8:00AM	KWT	Hazard Communication	Site Safety Officer	22	Completed
50	06.04.26	8:10AM	KWT	Housekeeping onsite	Site Safety Officer	24	Completed
51	07.04.26	8:00AM	KWT	Toolbox Talks	Site Safety Officer	24	Completed
52	08.04.26	8:00AM	KWT	Fall protection	Site Safety Officer	26	Completed
53	09.04.26	8:00AM	KWT	Heavy Equipment safety	Site Safety Officer	26	Completed
54	12.04.26	8:05AM	KWT	Hand power tool Safety	Site Safety Officer	24	Completed
55	13.04.26	8:05AM	KWT	Welding & cutting safety	Site Safety Officer	24	Completed
56	15.04.26	8:10AM	KWT	GIRM for workers	Site Safety Officer	20	Completed
57	16.04.26	8:00AM	KWT	Emergency Response	Site Safety Officer	20	Completed
58	19.04.26	8:00AM	KWT	Housekeeping onsite	Site Safety Officer	22	Completed
59	20.04.26	8:05AM	KWT	Eye protection	Site Safety Officer	24	Completed
60	21.04.26	8:00AM	KWT	Fire prevention	Site Safety Officer	24	Completed

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SL NO.	Date	Time	Location	Topic of Toolbox Talk	Conducted By	No. of participants	Remarks
61	22.04.26	8.00AM	KWT	Occupational Health and Safety	Site Safety Officer	24	Completed
62	23.04.26	8.00AM	KWT	Emergency Response	Site Safety Officer	24	Completed
63	26.04.26	8.00AM	KWT	CRM for workers	Site Safety Officer	26	Completed
64	27.04.26	8.05AM	KWT	Toolbox Talks	Site Safety Officer	27	Completed
65	28.04.26	8.00AM	KWT	Electrical safety	Site Safety Officer	20	Completed
66	29.04.26	8.10AM	KWT	Fire prevention	Site Safety Officer	20	Completed
67	03.05.26	8.00AM	KWT	Ladders safety	Site Safety Officer	22	Completed
68	04.05.26	8.00AM	KWT	Scaffolding safety	Site Safety Officer	22	Completed
69	05.05.26	8.00AM	KWT	Eye protection	Site Safety Officer	26	Completed
70	06.05.26	8.05AM	KWT	Drug & Alcohol Awareness	Site Safety Officer	25	Completed
71	07.05.26	8.10AM	KWT	Fall protection	Site Safety Officer	25	Completed
72	09.05.26	8.00AM	KWT	Welding & Cutting safety	Site Safety Officer	20	Completed
73	10.05.26	8.00AM	KWT	Personal protective Equipment	Site Safety Officer	24	Completed
74	11.05.26	8.10AM	KWT	Heavy Equipment safety	Site Safety Officer	24	Completed
75	12.05.26	8.10AM	KWT	Housekeeping on site	Site Safety Officer	25	Completed
76	13.05.26	8.00AM	KWT	Toolbox Talks	Site Safety Officer	25	Completed
77	14.05.26	8.00AM	KWT	Concrete & Masonry safety	Site Safety Officer	25	Completed
78	17.05.26	8.00AM	KWT	Hazardous Communication	Site Safety Officer	20	Completed
79	18.05.26	8.05AM	KWT	CRM for workers	Site Safety Officer	22	Completed
80	19.05.26	8.10AM	KWT	Emergency Response	Site Safety Officer	20	Completed
81	20.05.26	8.10AM	KWT	Environmental Management Training	Site Safety Officer	24	Completed
82	21.05.26	8.00AM	KWT	Eye protection	Site Safety Officer	24	Completed
83	24.05.26	8.00AM	KWT	Heavy Equipment safety	Site Safety Officer	25	Completed
84	02.06.26	8.00AM	KWT	Electrical Safety	Site Safety Officer	26	Completed
85	03.06.26	8.10AM	KWT	Drug & Alcohol Awareness	Site Safety Officer	26	Completed
86	04.06.26	8.10AM	KWT	Toolbox Talks	Site Safety Officer	24	Completed
87	07.06.26	8.05AM	KWT	Personal protective Equipment	Site Safety Officer	25	Completed
88	08.06.26	8.00AM	KWT	Emergency Response	Site Safety Officer	20	Completed
89	09.06.26	8.00AM	KWT	Welding & Cutting Safety	Site Safety Officer	20	Completed
90	10.06.26	8.00AM	KWT	Fall protection	Site Safety Officer	22	Completed

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Annex-20: Photos of Waste Management at SICIP Construction Sites during January–June 2026

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)



(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi





(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

Dustbin for office waste	Fuel Storage with secondary containment
Wastes are disposed in municipal dumping facility	Temporary storage of scrap metal

(d) Sylhet Technical Training Centre (TTC), Sylhet



Dustbin

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail



Wastes are disposed in municipal dumping facility



Temporary storage of excavated soil



Temporary storage of kitchen waste

(f) Executive Development Centre (EDC) at East West University



Dustbin

Annex-21: Package-wise Waste Management Data during January–June 2026

(a) Smart Textile Technology Living Lab (STTL) at Chittagong Textile Engineering College (CTEC)

S I	Waste Type	Quantity Generated Unit (kg/ ton /m ³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycled / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record (Waste register / challan / photo / recycler receipt)	Respon sible Person
1	Concrete debris	6.2 ton	Manually	Stock pile in designated place	0 ton	6.2 ton	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	12 ton	Manually	Stored in designated place	05 ton	07 ton	N/A	07 Ton	Monthly	N/A	Site Engineer and EHSO
3	Domestic / food waste	2200 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	2200 Kg	Halishahar Ananda Bazar Landfill, Dumping Station	Once in two days	N/A	Site Engineer and EHSO
4	Used oil / lubricant	0 Ltr.	Manually, as per material type	Stored in designated place	N/A	N/A	0 Ltr.	Recycling Facility	As required	N/A	Site Engineer and EHSO
5	Paint / chemical container s	460	N/A	Stored in designated place	N/A	N/A	N/A	N/A	As required	N/A	Site Engineer and EHSO

(b) Narsingdi Automotive Training Institute (NATI) at Narsingdi Polytechnic Institute (NPI), Narsingdi

S I	Waste Type	Quantity Generated Unit (kg/ ton /m ³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycle d / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record (Waste register/ challan/ photo/ recycler receipt)	Responsi ble Person
1	Concrete debris	02 ton	Manually	Concrete debris in designated place	01 ton	N/A	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	08 ton	Manually	Scrap in designated place	05 ton	03 ton	N/A	03 Ton	Monthly	N/A	Site Engineer and EHSO
3	Domestic / food waste	1500 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	1500 Kg	Narsingdi Municipality 's dumping station	once in two days	N/A	Site Engineer and EHSO
4	Used oil / lubricant	N/A	As per material type	In under protected shed and using deep tray / secondary containment	N/A	N/A	N/A	N/A	As required	N/A	Site Engineer and EHSO
5	Paint / chemical container s	10 nos	N/A	Under protected shed	N/A	N/A	N/A	Will be used in constructio n work	As required	N/A	Site Engineer and EHSO

(c) Modern Well-Equipped Nursing & Caregiving Student Dormitory Under Kumudini Welfare Trust of Bengal (BD) LTD.

S I	Waste Type	Quantity Generated Unit (kg/ ton /m ³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycle d / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record (Waste register/ challan/ photo/ recycler receipt)	Responsi ble Person
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1	Concrete debris	03 ton	Manually	Concrete debris in designated place	03 ton	N/A	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	16 ton	Manually	Scrap in designated place	05 ton	11 ton	N/A	11 Ton	Monthly	N/A	Site Engineer and EHSO
3	Domestic / food waste	4000 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	4000 Kg	Mirzapur Municipality Dumping Station	once in two days	N/A	Site Engineer and EHSO
4	Used oil / lubricant	N/A	As per material type	In under protected shed and using deep tray / secondary containment	N/A	N/A	N/A	--	As required	N/A	Site Engineer and EHSO
5	Paint / chemical containers	85 nos	N/A	Under protected shed	Used in construction work	N/A	N/A	Used in construction work	As required	N/A	Site Engineer and EHSO

(d) Sylhet Technical Training Centre (TTC), Sylhet

S	Waste Type	Quantity Generated Unit (kg/ton /m ³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycled / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record Available (Waste register / challan / photo / recycler receipt)	Responsible Person
1	Concrete debris	0 ton	manual	Stock pile in designated place	N/A	N/A	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	4 ton	manual	Stock pile in designated place	N/A	4 ton	0 ton	N/A	Annual	N/A	Site Engineer and EHSO

3	Domestic / food waste	1800 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	1800 Kg	City Corporation's dumping site	Daily	N/A	Site Engineer and EHSO
4	Used oil / lubricant	0 litre	As per material type	In under protected shed and using deep tray / secondary containment	N/A	0 litre	0 litre	Recycling facility	As required	N/A	Site Engineer and EHSO
5	Paint / chemical containers	00 nos	Manual	Under protected shed	N/A	N/A	N/A	N/A	As required	N/A	Site Engineer and EHSO

(e) Kumudini Nursing Institute (Academic Building) at Kumudini Welfare Trust (KWT), Mirzapur, Tangail

S	Waste Type	Quantity Generated Unit (kg/ton /m³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycled / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record Available (Waste register/ challan/ photo /recycler receipt)	Responsible Person
1	Concrete debris	09 ton	Manually	Stock pile in designated place	09 ton	0 ton	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	20 ton	Manually	Stored in designated place	07 ton	13 ton	N/A	13 Ton	Monthly	N/A	Site Engineer and EHSO
3	Domestic / food waste	3600 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	3600 Kg	Mirzapur Municipality dumping station	once in two days	N/A	Site Engineer and EHSO
4	Used oil / lubricant	N/A	--	--	N/A	N/A	N/A	N/A	N/A	N/A	Site Engineer and EHSO

5	Paint / chemical containers	148 nos	--	--	Used	N/A	N/A	Used in construction work	As required	N/A	Site Engineer and EHSO
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(f) Executive Development Centre (EDC) at East West University

S I	Waste Type	Quantity Generated Unit (kg/ton /m ³)	Segregation Method	Temporary Storage Arrangement	Reused On-site	Recycled / Sold	Final Disposal Quantity	Final Disposal / Recycling Destination	Collection / Disposal Frequency	Supporting Record Available (Waste register / challan / photo / recycler receipt)	Responsible Person
1	Concrete debris	3.5 ton	Manually	Stock pile in designated place	0 ton	3.5 ton	N/A	N/A	Monthly	N/A	Site Engineer and EHSO
2	Steel / rebar scrap	01 ton	Manually	Stored in designated place	0 ton	0 ton	N/A	Will be sold	Monthly	N/A	Site Engineer and EHSO
3	Domestic / food waste	230 Kg	Collection in separate bins	Separate bins in multiple locations	N/A	N/A	230 Kg	City Corporation's dumping station	Daily	N/A	Site Engineer and EHSO
4	Used oil / lubricant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Site Engineer and EHSO
5	Paint / chemical containers	N/A	N/A	N/A	N/A	N/A	N/A	N/A	As required	N/A	Site Engineer and EHSO