

Environmental Monitoring Report

Project No. 49329-006
Semi-annual Report (July-December 2021)
January 2022

Bangladesh: Second City Region Development Project

Prepared by the Local Government Engineering Department, Government of Bangladesh for the Asian Development Bank.

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Executive Summary

A. Introduction

The City Region Development Project aimed at enhancing growth potential and improving environmental and economic sustainability of the target city regions through effective regional urban planning. The target city regions of the Project are Dhaka City Region and Khulna City Region. The Project supported the development of key urban infrastructure, focusing on urban environment and local economic development. The Project also supported the Government in its efforts to improve regional and urban planning, and to strengthen municipal management and the capacity for effective and sustainable urban development.

The Local Government Engineering Department (LGED) is the executing agency of the Project under the Ministry of Local Government, Rural Development and Cooperatives. Sub-projects are implemented by the project Implementing Units (PIUs). The PIUs are: Gazipur City Corporation, Khulna City Corporation, and the Pourashavas' as well as Executive Engineer's Office of LGED under the Project. Project Management and Co-ordination Unit (PMCU), based at the LGED Headquarters, is responsible for the overall management, co-ordination and implementation of the Project.

The scope of this report is to summarize and analyze the performance of the environmental works of the contracted subprojects, and to verify the environmental requirements that are specified in the contract documents are adequately address

Environmental Category of Subprojects: The CRDP-2 improvement works have been divided into 38 subproject packages for the convenience of project implementation and the project is classified as category B (Orange B as per ECR'97) for the urban infrastructure improvement works and as category A (Red as per ECR'97 for the Solid Waste Management subproject in Khulna City Corporation. Among the 38 packages, 13 have been identified as readiness packages, likely to have minimum environmental impacts.

Utilization of Consultancy Services: In order to execute the necessary mitigation measures and to undertake monitoring activities, the PDS Consultant team is now fully in place. The procurement process for PDS-2 is in progress, and ICCD consultant has already been deployed.

Overall Project and Subproject Progress and Status: In 23 contracted packages, there are 77 roads amounting 213.13 Kilometer (Km), 62 Drains amounting 82.44 Km, 17 Bridges having span 597 meter(m), 54 Culverts having Span 256 m and 8 Water control Structures. It may be noted that up to December 2021, total 40.65 Km of Reinforced Cement Concrete (RCC) Road, 5.38 Km of Box Drain, 29.44 Km of Pipe Drain, 1.582 Km of Bituminous Road and 29 Box Culverts have been completed. Initial Environmental Examinations (IEEs) for all subprojects under the readiness thirteen packages with their respective EMP template have been prepared considering all possible impacts due to implementation activities and their mitigation measures.

Gender Equity: In order to ensuring safe and comfortable mobility of women, elderly persons, children and specially able people, around 42.82 km of walkways has been provided in dense settlements areas out of 333 km designed roads in 35 Packages despite the constraint of land availability. Road Safety Signs for all pedestrians are

considered in all road design. Provision of separate women toilets, breast-feeding corner are also considered in the design of Solid Waste Management (SWM) plant in Khulna City Corporation (KCC).

B. Compliance Status with National Statutory Requirements

The DOE-issued Environmental Clearance Certificate to all subprojects with the exception of Red Category subprojects. All requirements of the Department of Environment related to environmental clearance/renewal are being met, and DOE does not require monitoring and reporting for CRDP-2 subprojects. Status on relevant GOB Permits: Since the subproject schemes will be constructed within the right-of-way (RoW) and will not involve any potential tree removal, no prior permission is to be obtained from the forest department. However, the details of acquiring permits and NOC have been discussed in the respective DDR reports.

C. Compliance Status with Environmental Loan Covenants

The covenants to the loan agreement with ADB requires that subprojects are designed, constructed, operated, and maintained in accordance with Borrower's Environmental Conservation Rule 1997, ADB's Safeguard Policy Statements (SPS, 2009) and EARF prepared for the Project and agreed between the Borrower and ADB. Other covenants written into the loan agreement related to disclosure, grievance redress and environmental safeguards and their status of compliances are described in a table of the main document.

D. Compliance Status with the Environmental Management Plan

Environmental Safeguard Framework: EMPs and supporting criteria inclusive of environmental specifications for inclusion in construction contract tender documents provide the basis for monitoring compliance..

Initial Environmental Examination (IEE): Initial Environmental Examinations (IEEs) of 33(thirty-three) sub-projects have been prepared so far. Package-wise IEE Documentation status has been presented inside the main document.

Subproject Environmental Monitoring: The system for environmental monitoring consists of observations using a checklist for comparison with contractor performance that reflects the requirements of the construction specifications. As a part of the monitoring program, field visits were undertaken in the recent months at site of Savar W-01/02, Sava Pou W-01 on 30/11/2021; Araihasar W-01/02 on 25/11/2021 and Rupganj W-02/03 on 8/12/2021. As regards the overall compliance with EMP, field observation demonstrate more or less satisfactory status of implementation.

Approach and Methodology for Environmental Monitoring of the Project

Environmental Performance: Environmental specifications reflect general construction requirements as identified in the subproject EMPs Though costs of implementation of the environmental works (as per environmental specification) are considered the responsibility of the contractor and are part of the overall bid price, a provisional sum to cover environmental works is included in the bid price.

Environmental Training / Capacity Building: Capacity building is aimed at orientation and training of PIU staff in ADB's safeguards policy and management. Training is conducted by the Environment and other PDS Consultants. A cumulative total of the training/orientation sessions conducted till date was 6(six) and total participants were 161 (one hundred and sixty) : the 1st one held on 09/11/2021 at Kanchan Pourashava, the 2nd one on 17/11/2021 at Tarabo Pourashava, the 3rd one on 18/11/2021 at Sonargaon Pourashava, the 4th one on 28/11/2021 at Singair Pourashava, the 5th one on 02/12/2021 at Narsingdi Pourashava, and the 6th one on 13/12/2021 at Dhamrai Pourashava.

Consideration of Climate Change Effects in CRDP-2: A rapid assessment for the climate change effects in terms of a) Climate Adaptation Assessment (climate proofing) and b) Climate change reduction assessment (Emission Saving) from projects are being considered in the planning and design of the sub-project. Design Implementation and the construction materials used therein is expected to reduce substantial reduction to Greenhouse Gas Emissions. In connection to the above context, it is worthwhile to point out that Solid Waste Management (SWM) shall reduce emission of 22092-ton CO₂ (carbon dioxide) /year. (Ref: Waste Concern Consultant, Design Consultant of the proposed Solid waste Management subproject at Khulna City Corporation)

E. Monitoring of Environmental Impacts on Project Surroundings (Ambient Air, Water Quality and Noise Levels)

In order to assess the base environmental quality of subproject surroundings, analysis of the ambient air, water quality and noise levels were conducted. The analytical results of the tested environmental parameters are found more or less within the standard limit set by DoE and Bangladesh Noise Pollution (Control) Rules, 2006.

F. Grievance Redress Mechanism

The GRM provides redress for grievance arising from resettlement, compensation and environmental impact during subproject implementation. The Grievance Redress Committees (GRC), formed on June 07, 2020, is progressively complying with all aspects related to the GRM. The GRM among the local people are discussed at the focal group discussion meeting. The measures considered to publicize the GRM among the local people reside in the project area have been outlined inside the main report

G. Complaints Received during Subproject Implementation

No formal complaints were received from the community or from any individual of the community during the reporting period at the construction site. However, it is to note that in almost all the monitored sites, there were instances of informal complaints that are related to dust pollution at the construction-site adjacent built-up areas.

H. Summary of Key Issues and Remedial Actions

No formal written complaints were received from the community or from any individual of the community at the construction site. However, in almost all the monitored sites, there were instances of unceremonious/casual complaints lodged by the people of the locality with respect to poor initiative in suppressing dust pollution by spraying plentiful water on dry surfaces of construction sites. Taking into consideration the community's concern with dust generation, a non-compliance report (NCR) for concerned site was served to the contractor's site engineer/supervisor to rectify the flaws of environmental management, and subsequent follow-up actions against CAR after stipulated time have demonstrated rectification of the dust pollution issue.

I. Project strategy against COVID-19 H&S Guidelines

Project strategy against COVID-19 H&S Guidelines that have been shared by ADB during TPRM held on June 2020 and Status of COVID-19 guidelines implementation. To ensure the proper implementation of the recommended COVID-19 H&S protocols, staffs have been assigned both from PMU and from contractors. They are monitoring the COVID-19 H&S issues, using a template provided by BRM of ADB, in the construction sites. Some examples of monitoring records and photographs on preventive measures practicing at the worksite against spread of COVID-19 infection are displayed at the end of the report.

J. Conclusions and Recommendations

Environmental mitigation measures related to subprojects are being implemented in line with the Environmental Safeguard Framework; by and large performance is generally

fair. Contractors are required to mitigate environmental adverse impacts, and monitoring is being conducted by the environmental specialists and PIU staff. Where mitigation measures are lacking, contractors are urged to progressively improve their performance. The GRM has been outlined for being implementation with GRCs formed at local level. The Environmental specialist will continue to work with PIUs and contractors to pursue improvement in subproject works. The time bound corrective action plan (CAP) with recommendation for further improvement have been spelled out inside the main text.

I. INTRODUCTION

A. Purpose of the Report

1. ***Loan effectiveness and PDS inception.*** ADB Loan was effective from 19 November 2019. PDS inceptioned from 4 July 2017. Implementation consultants joined the project in the beginning of 2020. Safeguard specialist was hired directly by the PMCU towards the beginning of 2019.

2. The Local Government Engineering Department (LGED) is the executing agency of the Project under the Ministry of Local Government, Rural Development and Cooperatives. Sub-projects are implemented by the project Implementing Units (PIUs). The PIUs are: Gazipur City Corporation, Khulna City Corporation, and the Pourashavas' as well as Executive Engineer's Office of LGED under the Project. Project Management and Co-ordination Unit (PMCU), based at the LGED Headquarters, is responsible for the overall management, co-ordination and implementation of the Project.

3. The ADB's Safeguard Policy Statement (SPS 2009) in respect to information disclosure related to project safeguard documentation, where it has been stated that the borrower/client will submit semi-annual monitoring reports during construction for projects/subprojects likely to have significant adverse environmental and social and resettlement impacts, ”

4. This semi-annual report compiles environmental monitoring results to comply with the spirit of ADB policy to “enhance stakeholders’ trust in and ability to engage with ADB, and thereby increase the development impact *of projects+” in which disclosure of safeguard monitoring is a prominent aspect.

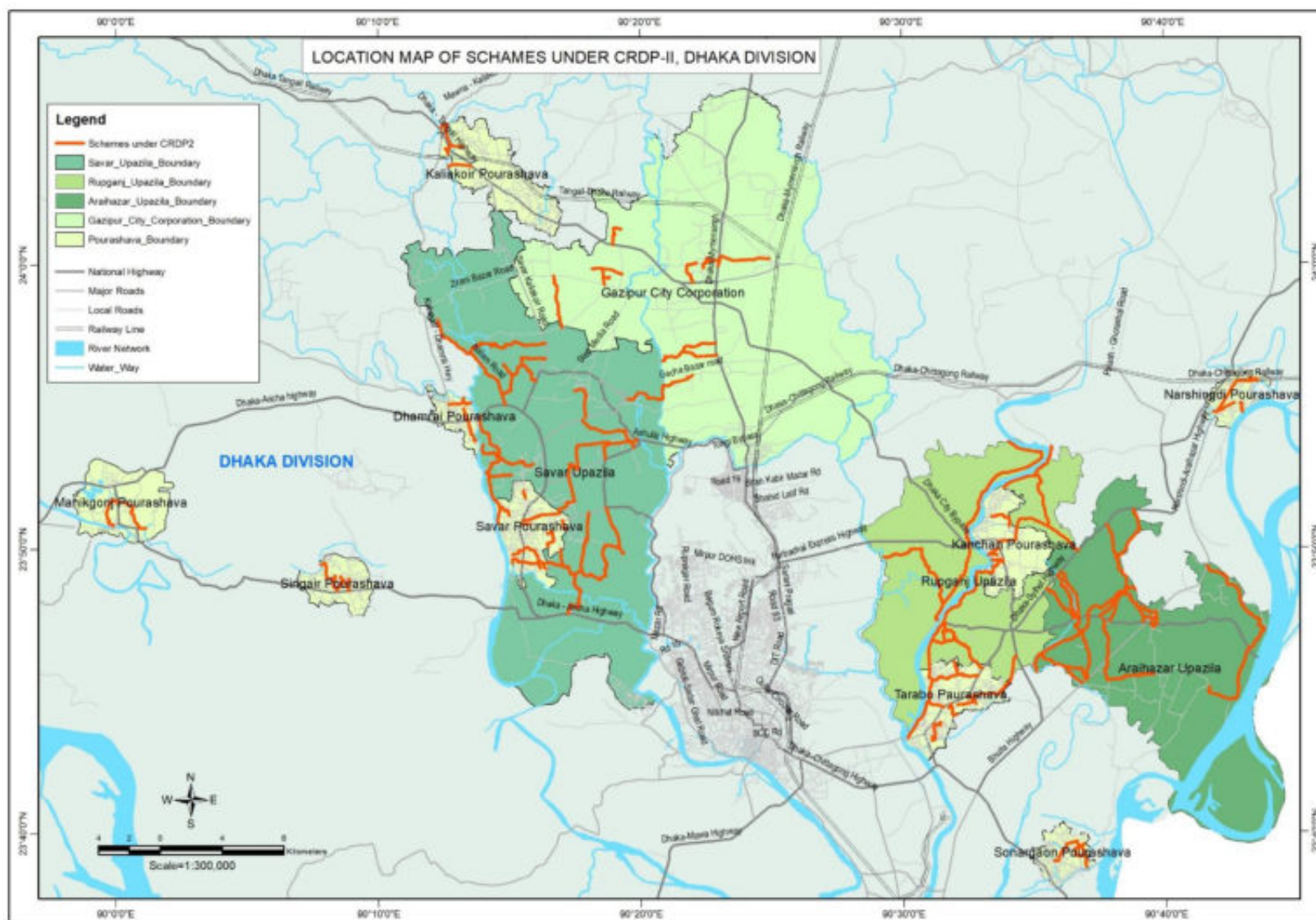
Scope of Monitoring Report: The scope of this report is to summarize and analyze the performance of the environmental works of the contracted subprojects, and to verify the environmental requirements that are specified in the contract documents are adequately address

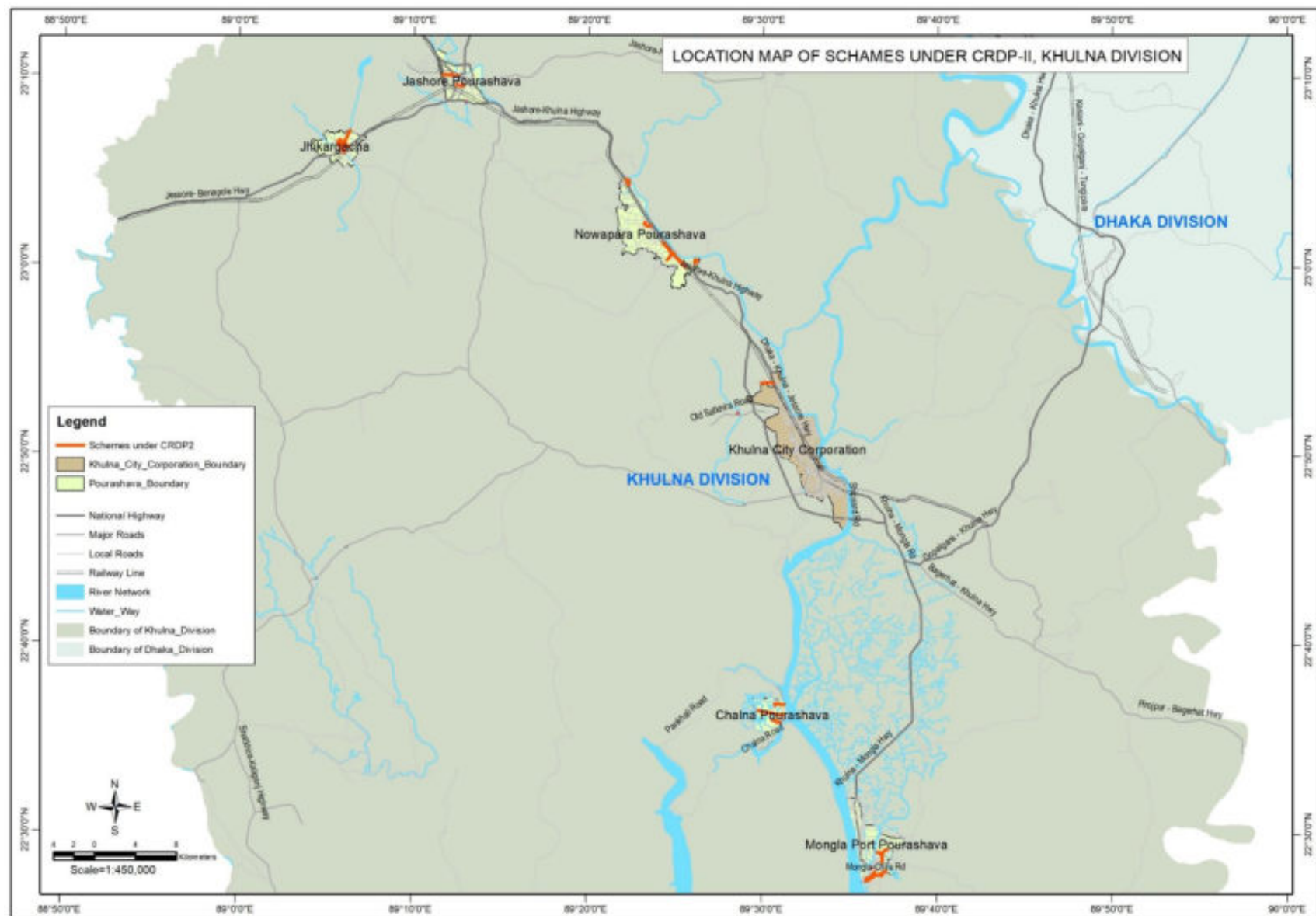
Reporting Period: 1st July to 31st December 2021

Purpose of Monitoring: The purpose of monitoring is to ensure that environmental requirements specified in the contract documents are adequately performed,

Project Location: The Project location map showing all contract packages are presented here below in **Figure 1**

Figure 1: Location map showing CRDP-2 contract packages





Progress status on implementation of Environmental management activities: The Progress status on implementation of environmental management activities including environmental monitoring reports along with sampling and testing of environmental parameters are shown in the table below:

Table 1: Progress status on implementation of environmental management activities

Sl.no	Environmental Management Activities	Progress Status
1	Preparation of Initial Environmental Examination (IEE)	33 (thirty three) IEE Reports of subproject packages have been prepared so far. Detailed feasibility study including gender, social and environmental assessment, and engineering design for integrated waste management facilities in KCC has been completed. The prepared EIA Report of the Integrated Waste Management Facilities in KCC was submitted to DoE for approval. Accordingly, it has been approved and subsequent ECC has been issued on 17-19 October 2021 per decision in 474 th DoE's meeting related to ECC (Appendix 1).
2	Renewal of Environmental Clearance Certificate (ECC)	ECC renewal application has been processed and finalized, accordingly DoE has renewed the subject ECC, and this renewal is valid up to February 9, 2022. (Ref: Memo No. DoE/clearance/5194/2013/61; dated 24/03/2021) (Appendix 1&2).
3	Field monitoring to check EMP compliance at construction sites	Undertake field visit for monitoring EMP compliance at least once in every month
4	Capacity Development: - Community capacity strengthening - Orientation Session on Environmental Safeguard Issues for PIU staff, contractors and concerned others - Consultation Workshop on Solid Waste Management (SWM) of Khulna City Corporation (KCC)	- 12 Community consultation meetings on the subproject IEEs held at subproject level (details of these are included in respective IEE Reports of Pourashava/Upazil for their Package program (Details in Para 32). 6 Orientation Session on Environmental Safeguard Issues were held on dates Nov 22, 2021/ Nov 17, 2021, Nov 18, 2021, Nov 28, 2021, Dec 02, 2021 and Dec 13, 2021 at respective Pourashava Hall room (Details in Para 33). Consultation workshop on Solid Waste management Sub-project (Composting plant and associated facilities in KCC was held on March 9, 2021 at City Corporation Seminar Hall, Khulna.
5	Monitoring of ambient Air, Water (surface & ground water Quality And Noise Levels) - Sample collection - Analysis and analytical results	- Sample collected from 1(one) selected subproject site, namely Araihaazar/W-03 - Analysis of the selected environmental parameters have been completed and their analytical results have been discussed and presented inside the report
6	Monitoring Reporting a) Monthly Progress Report b) Quarterly Progress Report c) Semi-annual Environmental Monitoring Report	The followings are the output of Monitoring reports (for period July-December, 2021): a) 6 nos. monthly progress reports b) 2 nos. Quarterly Progress reports c) 1 no. Semi-annual Environmental report

B. Environmental Category of subprojects

5. The project CRDP-2 is classified as category B for environmental safeguards as per ADB Safeguard Policy Statement (SPS), 2009, consequently the subprojects under the project are considered Category B. No category A type of works as per ADB SPS, 2009 are anticipated. As per environmental assessment and review framework (EARF) and subproject selection criteria no subprojects classified as category A per ADB SPS, 2009 will be considered for implementation under the project.

6. Requirements of the Government of Bangladesh are set out in the Environmental Conservation Act and Rules (1995 and 1997), which classifies subprojects as Green, Orange A and B and Red Categories. Accordingly DOE issued an Environmental Clearance Certificate for Second CRDP subprojects (up through Orange B) involving construction and rehabilitation of roads and associated drainage subprojects in Dhaka region by means of a letter No. DOE/ Clearance/5194/2013/ (clearance Certificate Number 53)/issue Date 10/02/2019 (**Appendix 1**). As the period of validity of this ECC has been expired, DoE has made consequent renewal of the ECC vide Memo No. DoE/clearance/5194/2013/61; dated 24/03/2021, and this renewal is valid up to February 9, 2022. (**Appendix 2**). Construction and Rehabilitation of Roads and associated drainage improvements of targeted subproject packages are categorized as Orange B category subprojects, and are exempt from further review requirements under DOE rules.

C. Utilization of Consultancy Services

7. There are four categories of consultants under the Project. These are: (1) Preparation, Design and Supervision (PDS) Consultants, (2) Second Preparation, Design and Supervision (PDS-2) Consultants, (3) Institutional Capacity and Community Development (ICCD) Consultants and (4) Individual Consultants.. The PDS Consultant team is now fully in place. The procurement process for PDS-2 is in progress, and ICCD consultant has already been deployed. The composition of the project safeguards Team is outlined in **Table 2** below:

Table 2: Project Safeguards Team

Name	Designation/ Office	Email Address	Contact	Roles
1. PMU Md. ShahabulIslam	Sr.AssistantEngineer,LGED,Dhaka	Shahabul@lged.gov.bd	+8801714225344	<p>Liaise with the various Government agencies on environmental and other regulatory matter Pertaining to implementation of the subprojects;</p> <p>Liaise with the Contractors and Consultants on the implementation of the Environmental management measures proposed in the IEE/EMP; including the Implementation of the environmental monitoring plan outlined in the IEE.</p> <p>Assist PMCU in ensuring compliance of Second CRDP and its subprojects With all relevant national laws; Interact with the sector specialists and integrate environmentally sound practices into the detailed design of project components; oversees all environmental safeguard issues</p>
2. PIUs				
a) Md.AbdulAziz, Dhaka PIU	Assistant Engineer, LGED	ae.dhaka@lged.govt.bd	+8801758999111	
b) Abdullah Rashedeen, Narayanganj PIU	Assistant. Engineer, LGED	ae.narayanganj@lged.gov.bd	+8801712623112	
c) Md.AlamMiah, savar pourashava PIU	Assistant Engineer	Alammiah327@gmail.com	+8801712507060	
d) Mydul Islam, GCC PIU	Assistant Engineer, Gazipur City Corporation	mydulislam80@gmail.com	+8801612104080	
e) Md.Zakir Hossain, Tarabo pourashava	Asst. engineer	Eng.zakir99@gmail.com	+8801711960845	
f) Abdul Baten, Singair pourashava	SAE	singairpourashava@gmail.com	+8801712606156	
g) Krisna Dayal Roy, Narshingdi pourashava	Asstt.Engineer	engineerkdroy@gmail.com	+8801712125010	
h) Md. Hasan Ali, Kanchan pourashava	Sub-Assistant Engineer	saehasanali@gmail.com	+8801711006474	
i) S M Abdus Samad, Sonargoan pourashava	Sub-Assistant Engineer	abdussamadcdca@gmail.com	+8801914474972	
j) Md.Zubaur Rahman Jeshore Pourashava	SAE	zubadhch@gmail.com	+8801710371842	
k) Md. Ruhul Amin Dhamrai pourashava	SAE	Eng.ruhul81@gmail.com	+8801718574013	
3. Consultant Dr. Md. Nurul Islam	Environmental Specialist	nuruldhaka24@gmail.com	+8801760602194	

D. Overall Project Description and Objectives

8. The Second City Region Development Project (CRDP-2) is the second phase of impact-oriented urban development program using the integrated city region approach to improve spatial and inter-sectoral connectivity as means for accelerating broad-based economic growth. In the City Region Development Project (CRDP), the city region concept is operationalized to include a major city (like Dhaka or Khulna) with its surrounding municipalities and non-municipal urban centers. The experience of CRDP and project preparation activities of CRDP-2 points to the necessity of broadening the spatial coverage of the city region concept to include rural-to-urban connectivity in addition to urban-to-peri-urban linkages as such areas are naturally interlinked and warrant immediate intervention to enhance connectivity.

9. The objective of the Project is to improve the mobility, Climate Resilience and solid waste management in the Project areas within the Dhaka and Khulna city regions. The outputs of the Project will include: Output 1: Urban infrastructure in project areas of Dhaka and Khulna regions improved and made climate-resilient; Output 2: Institutional and Community Development

E. Description of Subprojects

10. Activities of Output -1: Urban infrastructure in project areas improved and made climate-resilient

I. Improvement of Roads in Dhaka City Region:

- Improvement of road: 312 km
- Construction of bridges/culverts: 1714m
- Construction of drain: 91km

II. Improvement of Drainage in Pourashavas:

- Construction of drain: 62km
- Improvement of road: 45 km
- Re-excavation/dredging of Khal/Canal: 20 km
- Slope Protection: 10 km
- Improvement of Bus Terminal: 1 no.

III. Solid waste management:

- Composting plant and associated facilities constructed and operational in KCC: 1no.

11. Activities of Output -2: Institutional and community capacities strengthened

- Future priority urban investments of at least \$100 million identified and detailed engineering design reports prepared by LGED;
- Detailed feasibility study including gender, social and environmental assessment and engineering design for integrated waste management facilities in KCC prepared;
- Drainage master plans for 13 pourashavas prepared or updated;
- O&M plans including annual budget allocation for all subprojects prepared by all project pourashavas and city corporations with LGED support;
- 50 staff (including 15 female staff) of project pourashavas and city corporations report enhanced knowledge on integrated urban planning, sustainable service delivery, and O&M of urban infrastructure; and
- May be awareness raising of 200,000 people (at least 50% women) covered under awareness campaigns on reducing, reusing, and recycling solid waste In KCC and 80% report increased awareness.

12. Project Locations: Dhaka City Region and Khulna City Region. The Project Area includes the following:

Dhaka city region:

City Corporation: Gazipur City Corporation

Pourashavas: Savar, Dhamrai, Narsingdi, Kanchon, Kaliakoir, Singair, Sonargaon, Tarabo and Manikganj

Upazila: Savar, Araihaazar and Rupganj

Khulna city region:

City Corporation: Khulna City Corporation

Pourashavas: Nowapara, Mongla, Chalna, Jhikargacha and Jashore

13. **Implementation Period of the Project:** i) Date of Commencement: January 2019 and
ii) Date of Completion: June 2024

14. **Improvement of Roads in Dhaka City Region:
Progress achieved up to December, 2021**

- (i) **Gazipur City Corporation (GCC):** There are 2 packages (W-01 & W-02) for civil works in GCC. Total physical progress is 70.49%.
- (ii) **LGED-Narayanganj (Rupganj Upazila):** There are 3 packages (W-01, W-02 & W-03) for civil works in Rupganj Upazila under Narayanganj District. Total physical progress is 33.90%.
- (iii) **LGED-Narayanganj (Araihaazar Upazila):** There are 3 packages (W-01, W-02 & W-03) for civil works in Araihaazar Upazila under Narayanganj District. Total physical progress is 46.03%.
- (iv) **LGED-Dhaka (Savar Upazila):** There are 4 packages (W-01, W-02, W-03 and W-04) for civil works in Savar upazila under Dhaka District. Total Physical progress is 32.80%.
- (v) **Savar Pourashava:** There is only 1 package for civil works in Savar Pourashava. Total physical progress is 85.33%.

15. **Improvement of Drainage Works:** The design drawing of drain for around 150 Km has been completed out of 153 Km; and the design and drawing of 13Km khal has been completed out of 20Km.

16. **Solid waste management:** The EIA Report of the Integrated Waste Management Facilities in KCC submitted to DoE for approval. Accordingly, it has been approved and subsequent ECC has been issued per decision in DoE's 47th ECC issuance meeting held on 17-19 October 2021 **(Appendix1).**

F. Personnel Responsible for Environmental Monitoring

17. Monitoring of mitigation measures during construction are the responsibility of the PIU Environmental Management Officer, supported by the PMCU Environmental Specialists. The monitoring system involves a Monitoring Checklist (**Appendix-1**), which reflects the requirements of the EMP and Special Conditions. The checklist is filled in quarterly by the PIU and PMCU Environmental Specialists.

G. Subproject Implementation Progress and Status

18. The overall subproject implementation progress and status is displayed in the **Table 3** below.

Table 3: Subproject progress and status (up to December 2021)

Gazipur City Corporation (GCC):

Package No.	Description	Quantity Of Road(km)	Contract Signing Date	Completion Time	Physical Progress up to December2021
W-01	Construction Of Road And Drain At Gazipur City Corporation	12.54	18 November 2019	30 June 2022	42.83 %
W-02	Construction Of Road And Drain At Gazipur City Corporation	7.24	13 November 2019	2 nd January 2022	80.15 %
Total		19.78			55.12 %

Rupganj Upazila:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December2021
W-01	Construction Of Road And Drain Under Rupganj Upazila	13.78	31 August 2020	12-feb-22	39.29 %
W-02	Construction Of Road And Drain Under Rupganj Upazila	15.89	27 October 2019	20 June 2022	26.61%
W-03	Construction Of Road And Drain Under Rupganj Upazila	18.77	22 January 2020	10 June 2022	45.07%
Total		48.44			37.30%

Araihazar Upazila:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction Of Road And Drain Under Araihazar Upazila	13.56	15 September 2019	21 May 2022	74.64 %
W-02	Construction Of Road And Drain Under Araihazar Upazila	12.17	27 October 2019	20 June 2022	59.14 %
W-03	Construction Of Road ,Bridge and Culvert Under Araihazar Upazila	13.50	10 November 2020	08 April,2022	12.73%
Total		39.23			47.40%

Savar Upazila:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction Of Road,drain And Bridge -Culvert Under Savar Upazila	12.06	8 November, 2020	2 Apr-22	59 %
W-02	Construction Of Road,drain And Bridge -Culvert under Savar Upazila	26.24	3 rd February, 2021	2 -Jul-22	35.24 %
W-03	Construction Of Road And Drain Under Savar Upazila	10.06	04 November, 2019	30 December 2021	53.12 %
W-04	Construction Of Road And Drain Under Savar Upazila	13.30	16 March, 2020	21 July 2022	70.06 %
Total		61.66			50.76%

Savar Pourashava:

Package no.	Description	Quantity Of Road(km)	Contract Signing Date	Completion Time	Physical Progress upto December 2021
W-01	Construction of road and drain under Savar Pourashava	6.11	10 February, 2020	25 September 2021	87.00%
Total		6.11			87.00%

Kanchon Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Kanchon Pourashava	3.66	12 October 2021	12 October 2022	00.00%
Total		3.66			00.00%

Tarabo Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Tarabo Pourashava	2.79	07 November 2021	07 November 2022	00.00%
Total		2.79			00.00%

Singair Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Singair Pourashava	3.91	18 November 2021	18 November 2022	00.00%
Total		3.91			00.00%

Narsingdi Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Narshingdi Pourashava	2.55	16 November 2021	16 November 2022	00.00%
Total		2.55			00.00%

Jhikorgacha Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Jhikargacha Pourashava	5.45	09 November 2021	09 November 2022	00.00%
Total		5.45			00.00%

Sonargaon Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Sonargaon Pourashava	3.09	07 November 2021	07 November 2022	00.00%
Total		3.09			00.00%

Jashore Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Jashore Pourashava	2.35	28 November 2021	28 November 2022	00.00%
Total		2.35			00.00%

Dhamrai Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Dhamrai Pourashava	4.53	02 December 2021	02 December 2022	00.00%
Total		4.53			00.00%

Mongla Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Mongla Pourashava	2.38	15.12.2021	15.12.2022	00.00%
Total		2.38			00.00%

Chalna Pourashava:

Package No.	Description	Quantity Of Road (km)	Contract Signing Date	Completion Time	Physical Progress up to December 2021
W-01	Construction of road and drain under Jhikargacha Pourashava	2.38	13.12.21	13.12.2022	00.00%
Total		2.38			00.00%

H. Overall Scenario of Subproject Implementation

19. Contract has been signed for 23 (Twenty Three) Packages amounting contract value Taka=89837.65 lac. Overall Physical Progress achieved is 36 % while time elapsed for project is 42 %. Overall payment made against civil work is Taka= 26517 lac resulting financial progress 30 %.

20. In 23 contracted packages, there are 77 roads amounting 213.13 Kilometer (Km), 62 Drains amounting 82.44 Km, 17 Bridges having span 597 meter(m), 54 Culverts having Span 256 m and 8 Water control Structures. It may be noted that up to December 2021, total 40.65 Km of Reinforced Cement Concrete (RCC) Road, 5.38 Km of Box Drain, 29.44 Km of Pipe Drain, 1.582 Km of Bituminous Road and 29 Box Culverts have been completed. Initial Environmental Examinations (IEEs) for all subprojects under the readiness thirteen packages with their respective EMP template have been prepared considering all possible impacts due to implementation activities and their mitigation measures.

I. Gender Equity

21. The project is ensuring safe and comfortable mobility of women, elderly persons, children and especially able people in designing and constructing the subprojects under it. Around 41 km of walkways has been provided in dense settlements areas out of 314 km designed roads in different Packages despite the constraint of land availability. Road Safety Signs for all pedestrians are considered in all road design. Provision of separate women toilets, breast-feeding corner are also considered in the design of Solid Waste Management(SWM) plant in Khulna City Corporation (KCC). Gender Action Plan (GAP) is being followed regular basis. Initiative will be taken to ensure women's effective participation in project planning, implementation, monitoring and evaluation.

II. COMPLIANCE STATUS WITH NATIONAL STATUTORY ENVIRONMENTAL REQUIREMENTS

22. The DOE-issued Environmental Clearance Certificate (ECC) referred to in Sec. I.B covered all B-Category subprojects. As the period of validity of this ECC has been expired, DoE has made renewal of the ECC vide Memo No. DoE/clearance/5194/2013/61; dated 24/03/2021, and this renewal is valid up to February 9, 2022. (**Appendix 2**).

23. In addition, DoE has also issued ECC for the Red Category one - "the Integrated Waste Management Facilities in KCC" per decision in 474th ECC issuance meeting held on 17-19 October 2021 (**Appendix1**).

24. **Status on relevant GOB Permits:** The subproject improvement works will not involve any potential tree removal as the subproject schemes are to construct within the right of way. Thus, no permission is required from the forest department. Since our construction is to be carried out on government property, we shall not require any NOCs related to land and property; also, NOCs related to other line departments are not required, the only such event in which an NOC related to line departments may be required, is an event in which we would have to shift any electric pole. However, such a measure (NOC) is not necessary as the electricity department does the shift themselves if applied to with the required amount of fees. However, the details of acquiring permits and NOC have been discussed in subproject respective DDR reports.

25. All requirements of the Department of Environment, related to environmental clearance/renewal and monitoring and reporting are being met for CRDP-2 subprojects.

COMPLIANCE STATUS WITH ENVIRONMENTAL LOAN COVENANTS

26. The covenants to the loan agreement with ADB requires that subprojects are designed, constructed, operated, and maintained in accordance with Borrower's Environmental Conservation Rule 1997, ADB's Safeguard Policy Statements (2009) and EARF prepared for the Project and agreed between the Borrower and ADB. Other covenants written into the loan agreement related to disclosure, grievance redress and environmental safeguards are listed in **Table 4**, and the status of compliance is described in the table.

Table 4: Compliance Status with Environmental Loan Covenants

COVENANTS	Reference in the Loan/Grant Agreement	Status of Compliance(As of March 2020)
Particular Covenants:		
<u>Environment</u> 1. <i>Schedule 5. Para. 7</i> , The Borrower shall ensure or cause LGED and Project Implementing Agencies to ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project, each Subproject and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health, and safety; (b) the Environmental Safeguards; (c) the EARF; and (d) all measures and requirements set forth in the respective IEE and EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Schedule 5 to the Ordinary Operations Loan Agreement	<u>Complied with.</u> All requirements describe in Schedule 5. Para. 7 with regard to all applicable laws and regulations concerning overall environmental safeguards and environmental safeguards monitoring are being satisfactorily met
<u>Human and Financial Resources to implement safeguards Requirement</u> 2. <i>Schedule 5. Para. 11</i> . The borrower shall make available or caused LGED and the project implementing agencies to make available necessary budgetary and human resources to fully implement the EMPs and the RPs.		<u>Complied with</u> Sufficient funds are being allocated in the project costs for hiring consultants, and to fully implement the environmental safeguards, EMPs and RPs.

<p><u>Safeguards - Related Provisions in Bidding Documents and Works Contracts</u></p> <p>3. <i>Schedule 5. Para. 12.</i> The Borrower shall ensure or cause LGED and the Project Implementing Agencies to ensure that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <ul style="list-style-type: none"> (a) comply with the measures relevant to the contractor set forth in the IEEs, the EMPs, and the RPs (to the extent they concern impacts on affected (b) make available a budget for all such environmental and social measures; (c) provide the Borrower with a written notice of any unanticipated environmental or resettlement risks or impacts that arise during (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; (e) Reinstall pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction. 	<p>Schedule 5 to the Ordinary Operations Loan Agreement</p>	<p><u>Complied with.</u></p> <p>All requirements set forth in Schedule 5. Para. 12 with regard to safeguards related provision in Bidding Documents and Works Contracts are being adequately met</p>
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COVENANTS	Reference in the Loan/Grant Agreement	Status of Compliance (As of March 2020)
<p><u>Safeguards Monitoring and Reporting</u></p> <p>I. <i>Schedule 5. Para. 13.</i> The Borrower shall cause LGED to do the following:</p> <p>(a) submit semiannual safeguard Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission ;</p> <p>(b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs or the RPs promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and</p> <p>(c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs promptly after becoming aware of the breach</p>	<p>Schedule 5 to the Ordinary Operations Loan Agreement</p>	<p><u>Being complied with.</u></p> <p>All requirements lay down in Schedule 5. Para. 13 with regard to safeguards Monitoring and Reporting are being met satisfactorily</p>

COVENANTS	Reference in the Loan/Grant Agreement	Status of Compliance (As of March 2020)
<p><u>Safeguards Monitoring and Reporting</u></p> <p>I. <i>Schedule 5. Para. 13.</i> The Borrower shall cause LGED to do the following:</p> <p>(a) submit semiannual safeguard Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission ;</p> <p>(b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEEs, the EMPs or the RPs promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and</p> <p>(c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMPs promptly after becoming aware of the breach</p>	<p>Schedule 5 to the Ordinary Operations Loan Agreement</p>	<p><u>Being complied with.</u></p> <p>All requirements lay down in Schedule 5. Para. 13 with regard to safeguards Monitoring and Reporting are being met satisfactorily</p>

IV. COMPLIANCE STATUS WITH THE ENVIRONMENTAL MANAGEMENT PLAN

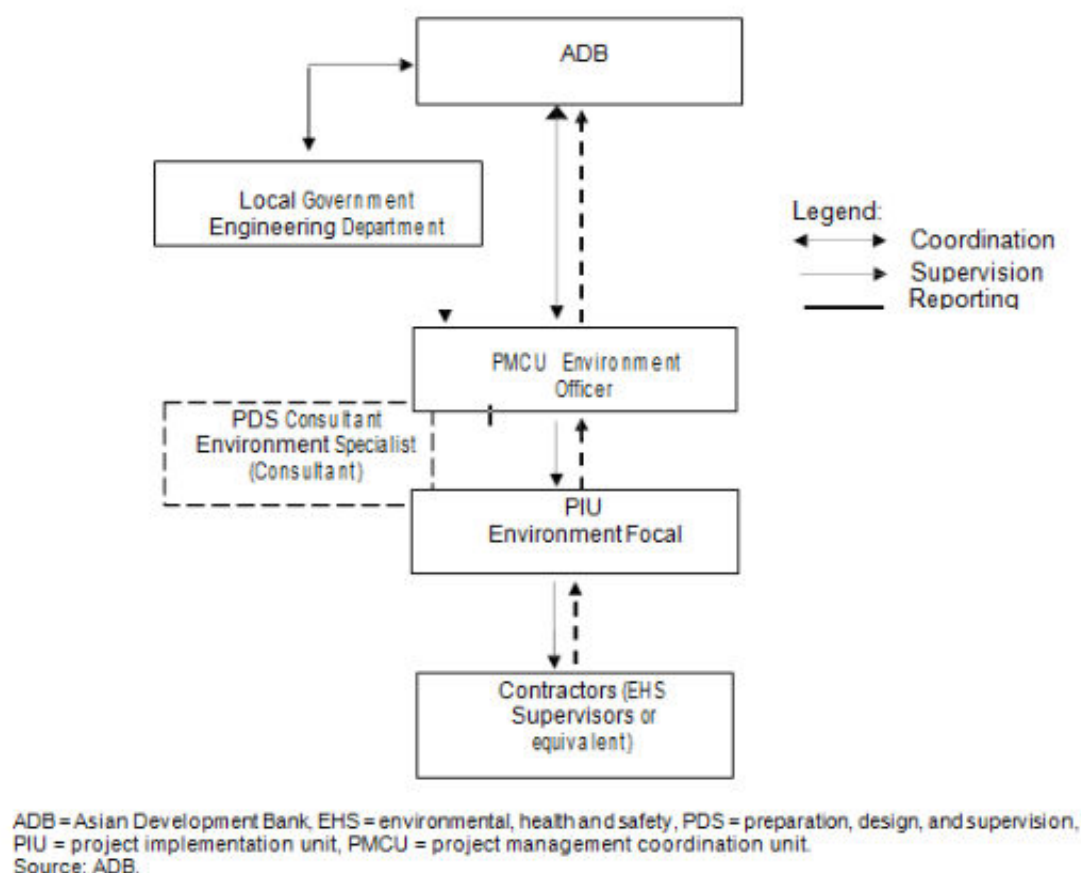
A. Environmental Safeguard Framework

27. The Environmental Assessment and Review Framework (EARF) has been developed in accordance with ADB SPS, 2009 and Government of Bangladesh environmental laws and regulations to guide subproject selection, screening and categorization, environmental assessment, and preparation and implementation of safeguard plans of subprojects and to facilitate compliance with the requirements specified in ADB SPS, 2009. The EARF (i) describes the proposed subprojects including safeguards criteria that are to be used in selecting subprojects and/or components; (ii) explains the general anticipated environmental impacts of the subprojects; (iii) specifies the requirements in subproject screening and categorization, assessment, and planning; (iv) arrangements for meaningful consultation with affected person and other stakeholders and information disclosure requirements; (v) PMCU capacity to implement national laws and ADB's requirements and needs for capacity building; (vi) specifies implementation procedures and institutional arrangements; (vii) specifies monitoring and reporting requirements; and (viii) describes the respective responsibilities of PMCU, PIUs, and ADB in relation to the preparation, implementation, and progress review of environment safeguards compliance of the project. The EARF will be reviewed regularly and, if necessary, updated during implementation when (i) new types of unanticipated impacts are identified requiring review of applicability and relevance, and/or (ii) when there is any change in legal and regulatory framework. None of the provisions of EARF will be relaxed or lowered in the subsequent revisions and updates. The most important compliance requirements are:

- (i) Compliance with the exclusion and subproject selection criteria;
- (ii) Meeting meaningful consultation and disclosure requirements;
- (iii) ADB approval of IEE prior to invitation of bids; and
- (iv) obtaining all necessary regulatory clearances and approvals prior to award of contract

28. The IEEs, which include the environmental management plans (EMPs) will be prepared for each subproject in accordance with ADB SPS, 2009 and EARF. The IEEs will also include environmental compliance audit of existing facilities that will be rehabilitated or expanded under the project, and due diligence of associated facilities as defined in ADB SPS, 2009. The IEEs will form part of the bid and contract document. No works can commence until final IEEs are approved by ADB, and if required, will be further updated for ADB's review during the implementation. In the event of unanticipated impact and/or any design change and/or non-compliance during project implementation, the IEE will be updated to include (i) assessment of the unanticipated impact and corresponding mitigation measures, and/or (ii) information on the design change and assessment of associated environmental impacts, if any, and/or (iii) corrective actions, associated cost and schedule; respectively. All IEEs will be disclosed on ADB, executing, and implementing agencies websites. Environmental Safeguard Implementation Arrangement is shown in the following figure.

Figure 2: Environmental Safeguard Implementation Arrangement



B. Initial Environmental Examination (IEE)

29. Initial Environmental Examination (IEE) of 31 (thirty one) subprojects have been prepared so far. Based on some fine tunings in the final design and drawing, the prepared IEE report of subproject package Araihasar W-05 has been revised and updated in this reporting month. The status of the IEEs in different packages under different Project Implementation Unit (PIU) up to December 2021 is presented below in **Table 5**.

Table 5: Status of IEEs for Subprojects of different packages

Sl. No.	Name of City Corporation / Pourashava/Upazila & corresponding subproject package	Status of IEEs as of November 2021	Remarks
1	Gazipur City Corporation: GCC (W-01)	Completed	Approved by ADB
2	Gazipur City Corporation: GCC (W-02)	Completed	Approved by ADB
3	AraihasarUpazila: Araihasar (W-01)	Completed	Approved by ADB
4	AraihasarUpazila: Araihasar (W-02)	Completed	Approved by ADB
5	AraihasarUpazila: Araihasar (W-03)	Completed	Approved by ADB
6	SavarUpazila: Savar (W-01)	Completed	Approved by ADB
7	SavarUpazila: Savar (W-02)	Completed	Approved by ADB
8	SavarUpazila: Savar (W-03)	Completed	Approved by ADB
9	SavarUpazila: Savar (W-04)	Completed	Approved by ADB

Sl. No.	Name of City Corporation / Pourashava/Upazila & corresponding subproject package	Status of IEEs as of November 2021	Remarks
10	RupganjUpazila: Rupganj (W-01)	Completed	Approved by ADB
11	RupganjUpazila: Rupganj (W-02)	Completed	Approved by ADB
12	RupganjUpazila: Rupganj (W-03)	Completed	Approved by ADB
13	SavarPourashava: Savar Pourashava (W-01)	Completed	Approved by ADB
14	Construction of Composting Plant and Associated facilities for KCC	Completed	Approved by ADB
15	Manikganj Pourashava: Manikganj (W-01)	Completed	Approved by ADB
16.	Gazipur City Corporatin: GCC (W-03)	Completed	ADB Approval To Receive
17.	Dhamrai Upazila: Dhamrai (W-01)	Completed	ADB Approval To Receive
18.	Sonargaon Pourashava: Sonargaon (W-01)	Completed	ADB Approval To Receive
19.	Narasingdi Pourashava: Narasingdi (W-01)	Completed	ADB Approval To Receive
20.	Tarabo Pourashava: Tarabo (W-01)	Completed	ADB Approval To Receive
21..	Singair Pourashava: Singair (W-01)	Completed	ADB Approval To Receive
22.	Mongla Pourashava: Mongla (W-01)	Completed	ADB Approval To Receive
23	Jashore Pourashava: Jashore (W-01)	Completed	ADB Approval To Receive
24	Jhikargacha Pourashava: Jhikargacha (W-01)	Completed	ADB Approval To Receive
25.	Noapara Pourashava: Noapara(W-01)	Completed	ADB Approval To Receive
26.	Kanchan Pourashava: Kanchan W-01	Completed	ADB Approval To Receive
27.	Savar Upazila: Savar (W-05)	Completed	Approved by ADB
28.	Savar Upazila: Savar (W-06)	Completed	ADB Approval To Receive
29.	Savar Upazila: Savar (W-07)	Completed	ADB Approval To Receive
30.	Chalna Pourashava: Chalna (W-01)	Completed	Approved by ADB
31.	Araihazar Upazila: Araihazar (W-06)	Completed	ADB Approval To Receive
32.	Rupganj Upazila: Rupganj (W-04)	Completed	ADB Approval To Receive
33.	Araihazar Upazila: Araihazar (W-05)	Completed	ADB Approval To Receive

Table 6: Package-wise IEE Documentation Status

Table 6: Package-wise IEE Documentation Status					
Package Number	Final IEE based on Detailed Design			Site-specific EMP (or Construction EMP) approved by Project Director? (Yes/No)	Remarks
	Not yet due (detailed design not yet completed)	Disclosed on project website (provide Link)	Final IEE provided to Contractor/s (Yes/No)		
1. Gazipur City Corporation: GCC (W-01)	Detailed design Complete	Cleared by ADB, disclosed on http://oldweb.lged.gov.bd/ProjectLibrary.aspx?projectID=867	Yes	Yes	All statutory clearance/s, no-objection certificates, permit/s, etc.
2. Gazipur City Corporation: GCC (W-02)	Detailed design Complete	As above	Yes	Yes	
3. Araihazar Upazila: Araihazar (W-01)	Detailed design Complete	As above	Yes	Yes	
4. Araihazar Upazila: Araihazar (W-02)	Detailed design Complete	As above	Yes	Yes	
5. Araihazar Upazila: Araihazar (W-03)	Detailed design Complete	As above	Yes	Yes	
6. Savar Upazila: Savar (W-01)	Detailed design Complete	As above	Yes	Yes	

7. Savar Upazila: Savar (W-02)	Detailed design Complete	As above	Yes	Yes	have been obtained prior to award of contract/s. (Refer Appendix 1 & 2 : Environmental clearance obtained)
8. Savar Upazila: Savar (W-03)	Detailed design Complete	As above	Yes	Yes	
9. Savar Upazila: Savar (W-04)	Detailed design Complete	As above	Yes	Yes	
10. Rupganj Upazila: Rupganj (W-01)	Detailed design Complete	As above	Yes	Yes	
11. Rupganj Upazila: Rupganj (W-02)	Detailed design Complete	As above	Yes	Yes	
12. Rupganj Upazila: Rupganj (W-03)	Detailed design Complete	As above	Yes	Yes	
13. Savar Pourashava (W-01)	Detailed design Complete	As above	Yes	Yes	
14. Construction of Composting Plant and Associated Facilities for KCC	Detailed design Complete	As above	Yes	Yes	
15. Manikganj Pourashava: (W-01)	Detailed design Complete	As above	Yes	Yes	
16. Gazipur City Corporation: GCC (W-03)	Detailed design Complete	Cleared by PMCU and submitted to LGED for disclosure on lged web	yes	Yes	
17. Dhamrai Pourashava: (W-01)	Detailed design Complete	As above	yes	Yes	
18. Sonargaon Pourashava (W-01)	Detailed design Complete	As above	yes	Yes	
19. Narasingdi Pourashava (W-01)	Detailed design Complete	As above	yes	Yes	
20. Tarabo Pourashava (W-01)	Detailed design Complete	As above	yes	Yes	
21. Singair Pourashava (W-01)	Detailed design Complete	As above	yes	Yes	
22. Mongla Pourashava (W-01)	Detailed design Complete	As above	Not yet contracted	No	
23. Jashore Pourashava (W-01)	Detailed design Complete	As above	Yes	Yes	
24. Jhikargacha Pourashava (W-01)	Detailed design Complete	As above	Yes	Yes	
25. Noapara Pourashava (W-01)	Detailed design Complete	As above	Not yet contracted	No	
26. Kanchan Kanchan (W-01)	Detailed design Complete	As above	Yes	No	
27. Savar Upazila: Savar (W-05)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	
28. Savar Upazila: Savar (W-06)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	
29. Savar Upazila: Savar (W-07)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	
30. Chalna Pourashava (W-01)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	
31. Araihaazar Upazila: Araihaazar (W-06)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	
32. Rupganj Upazila: Rupganj (W-04)	Detailed design Complete	Cleared by PMCU and submitted to LGED for disclosure on lged web	Not yet contracted	No	
33. Araihaazar Upazila: Araihaazar (W-05)	Detailed design Complete	Cleared by ADB	Not yet contracted	No	

Table 7: Package-wise Contractor/s' Nodal Persons for Environmental Safeguards

Sl. no.	Package No.	Contractor	Contact/Nodal Person	Mobile	E-mail Address
1	ARAIHAZAR/W-01	MEC Engineering & Consultant	Basudeb Sikder, PM	01711-309481	meclbd84@gmail.com
2	ARAIHAZAR/W-02	JV of NCL-PDL	Abdul Aziz Miah, DPM	01894-975660	rfl73@rflgroupbd.com
3	ARAIHAZAR/W-03	Rezvi Construction-Md. Eunus al mamun-KKEnterprise-JV	Foyez Ahammad Babul, PD	01911-302649 01785-642608	haque.enamul2244@gmail.com,eunusalmmamunltd@gmail.com mmgrouplimited9@gmail.com arifurrahman50c@gmail.com
4	RUPGANJ/W-01	NDE Ltd-Taher Brothers Ltd JV	Md. Mizanur Rahman, PM	01709-658842	info@ndeibd.com, lged-01@ndeibd.com.bd
5	RUPGANJ/W-02	JV of NCEL-PDL	Md. Mominul Islam, PM	01894-958034	rfl73@rflgroupbd.com
6	RUPGANJ/W-03	JV of NCEL-PDL	Basirul Islam, DPM	01894-930394	rfl73@rflgroupbd.com
7	SAVAR/W-01	M.M.Builders & Engineers Ltd-FastBuild JV	Abu Zafor, PE	01732-124935	enr.mizan97@gmail.com, fastbuild.bd@gmail.com
8	SAVAR/W-02	SEL-UDC JV	Nihar Halder, Construction Manager	01707-078642	udcconstructionltd@gmail.com
9	SAVAR/W-03	Modern Structures Ltd	Shamsul Alam, PM	01719-409553	info@mslgroupbd.com, info@modernstructuresltd.com
10	SAVAR/W-04	M.M.Builders & Engineers Ltd-FastBuild JV	Md. Ariful Islam, Suveyor	01984-680968	enr.mizan97@gmail.com, fastbuild.bd@gmail.com
11	SAVAR/POUW-01	Toma Shikder JV	Masud Pervez Razu, PM	01819-916441	masudparvezrazu8@gmail.com
12	GCC/W-01	RAB-RC (Pvt) Ltd & Hossain Construction	Zakaria Masud, PM	01874-067764	hcpl.bd@gmail.com
13	GCC/W-02	RAB-RC (Pvt) Ltd & Hossain Construction	Abdul Kaiyum Joni, PM	01883-303838	hcpl.bd@gmail.com
14	KANCHON/W-01	KSBL-MBPL JV	Syed Wazed Ali, Md. Baneezir Alam, Ali Rajaur Rahman, Md. Rana Ahmed	01723898871, 01778734336, 01706068625, 01873512119,	Syedwazed88@gmail.com, ksblmrk@gmail.com
15	TARABO/W-01	Asif & Brothers and Ratna Enterprise JV	Md. Habibur Rahman, Md. Ruhul Amin, Md. Omar Faruk, Md. Saiful Islam	01713118699, 01738725101, 01715854488, 01924002276	rdp.habib@gmail.com, mdsojalahamd766@gmail.com, fahimhmadooo@gmail.com
16	SONARGAO/W-01	Masud Hi-Tech Engineering Ltd.	S.M. Hasanur Rashid, Md. Esha Khan, Md. Abdur Rahim, Md. Fazly Rabbi Talukder, Paran Roy	01674834512, 01724242598, 01613002723, 01683438472, 01712088600	Hasanur1993@gmail.com,eshakhan2425@gmail.com, engr.abdurrahim02@gmail.com, fazlyrs@gmail.com , paranroy.mhel@gmail.com
17	NARSINGDI/W-01	Muhammad Aminul Haque (Pvt.) Ltd.	Abu Bakor Siddique, Khandaker Arshadul Haque, Mohammad Shah Alam miah, Md. Shohel Mulla, Md. Mamun Bhuiyan	01713383598, 01819987302, 01921393948, 01911358037, 01911180586	Basicplanner1999@gmail.com, msariantraders@gmail.com, rsconstruction5876@gmail.com, sohelmulla50@gmail.com, mamunbhuiyan80586@gmail.com
18	SINGAIR/W-01	M/S Kohinoor Enterprise	Md. Rahatul Islam Nobin, Md. Kamruzzaman,	01748923760, 01715948433,	Rahatul735@gmail.com howlader.enterprise8833@gmail.com badal-barisai@yahoo.com
19	DHAMRAI/W-01	MCL-SHE CONSORTIUM and M/S Sheikh Hera Enterprise	Sheikh Hera, Emran Hossain, Md. Shohidul Islam Liton	01712614301, 01767894412, 01718907972	Skhira707@gmail.com , imranbd1969@gmail.com , woudhi@gmail.com

Table 8: EMP implementation status for CRDP-2 component (for the Reporting Period)

Potential Impacts(List from IEE)	Mitigation Measures (List from IEE)	Actual Implementation	Compliance Status (NC/PC/ FC)	Remarks
				Date of Monitoring Conducted
Design Phase				
Road accidents	Ensure to include in the design the following: (i) road signage in critical areas or curves, (ii) speed limiters such as humps, (iii) barricades or similar structures in accident-prone areas, and (iv) pedestrian crossing lanes, among others.	Safe crossings, road safety signs and speed bumps have been designed based on the field condition.	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021
Construction work camps, stockpile areas, storage areas, and disposal areas	Determine locations before award of construction contracts	Checked during design phase	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021
Existing utilities	Avoid disruption of services	No disruption of existing services	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021
Construction Phase				
Trenching and excavation, run-off from stockpiled materials and chemical contamination from fuels and lubricants may result to silt-laden runoff during rainfall, which may cause siltation and reduction in the quality of adjacent bodies of water.	<ul style="list-style-type: none">• Reuse excess spoils and materials• Disposal site in designated areas.• Earthworks during dry season• Stockyards at least 300m away from watercourses.• Fuel and other petroleum products stored at storage areas away from water drainage and protected by impermeable lining and bonded 110%.• Take precautions to minimize the overuse of water• Prevent wastewater into water sources.• Ensure safe water diversion.• No obstruction in flowing water.	Suggested mitigation measures, as outlined in the left side column, are being implemented at construction sites.	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021

Potential Impacts(List from IEE)	Mitigation Measures (List from IEE)	Actual Implementation	Compliance Status (NC/PC/ FC)	Remarks
				Date of Monitoring Conducted
Construction of box culvert and cross drain	Drainage congestion, erosion and sedimentation	Diversions with adequate opening have been constructed, stockpiling and fill materials are properly managed.	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021
Workers Health and Safety	Follow Occupational H&S Plan and COVID-19 H&S Plan	Implementing Occupational H&S Plan and COVID-19 H&S Plan	Fully complied (FC)	Site and date of monitoring are as follows: SavarW-01/02 & SavaPouW-01on30/11/2021; AraihasarW-01/02on 25/11/2021; and Rupganj W-02/03on8/12/2021

Table 9: Overall Compliance with CEMP/ EMP

Sub-Project Name	EMP/ CEMP Part of Contract Documents(Y/N)	CEMP/ EMP Being Implemented (Y/N)	Status of Implementation (Excellent/ Satisfactory/ Partially Satisfactory/ Below Satisfactory)	Action Proposed and Additional Measures Required
GCC W-01 Savar W-04 Savar Pour W-01 Araihazar W-01 Araihazar W-02 & Rupganj W-02	Yes	Yes	Implementation of subprojectworks is progressing amid COVID-19. Under this crisis, field observation and environmental performance demonstrate more or less satisfactory status of implementation. 3 sample filled-in EMP compliance monitoring checklist has been included in Appendix 4 and summary of findings from field visits is included in Appendix 5 . In order to demonstrate the overall environmental safeguard compliances at subproject construction site, some photographs from the sites are displayed below the said Appendix.	Proposed actions and additional measures needed for the smooth implementation of the subproject have been discussed in the field with the concerned engineering and other staff while making routine field visit at construction site

APPROACH AND METHODOLOGY FOR ENVIRONMENTAL MONITORING OF THE PROJECT

A. Environmental Performance

30. Environmental monitoring occurs at the subproject level by observing performance during the construction phase. Environmental specifications reflect general construction requirements identified in the subproject environmental management plans (EMPs). A provisional sum to cover environmental mitigation is included in the bid price where needed; though costs for implementing the general requirements of the environmental specification are considered the responsibility of the contractor and are part of the overall bid price.

B. Subproject Environmental Monitoring

31. The system for environmental monitoring consists of observations using a checklist for recording the EMP Compliance status with contractor performance that reflects the requirements of the construction specifications. The standard EMP Checklist is displayed in **Appendix 4**. During field visit, the environmental specialist discusses the results with the site supervision engineer, and then document the subproject EMP compliance status, and then document the subproject EMP compliance status. It is worth pointing out that the recorded compliance status yielded yes to the compliances with the site-specific EMP of all subproject.

C. Capacity Building

32. Capacity building is aimed at orientation and training of PIU staff in ADB's safeguards policy and management. Training is conducted by the Environment Specialist and covers integration of environmental considerations into project implementation and procedures for monitoring and reporting. Details of the orientation and training have been provided under the heading "Institutional and community capacities strengthened"-Community Consultations, Consultation Workshop and Orientation Session.

D. Institutional and community capacities strengthened

33. **Community Consultations on the subproject IEEs:** In finalizing the subproject IEEs of, Narsingdi Pourashava (W-01), Chalna Pourashava (W-01), Manikganj Pourashava (W-01), Dhamrai Pourashava (W-01), Tarabo Pourashava (W-01), Kanchan Pourashava (W-01), Sonargaon Pourashava (W-01), Singair Pourashava (W-01), Mongla Pourashava (W-01), Jashore Pourashava (W-01), Noapara Pourashava (W-01) & Araihasar UZ (W-06). Consultation Meetings at different time and space were conducted with concerned community and stakeholders at the respective subproject area. To be brief, the details of these consultations are purposely excluded here. For the details of these consultations, the respective IEE reports may be consulted. The main objectives of community consultation was to disseminate information about subproject interventions related to road and drainage improvement under the subproject. And further to i) Evaluate the existing situation of road & drainage condition and identify the issues, ii) find way forward to address the identified issues through planning process and public consultation, and iii) introduce second CRDP among the stakeholders, and iv) listen to the stakeholders about their experiences, and recommendations.

34. **Orientation Workshop for Contract Management (Environmental Safeguard Issues):** Six Orientation Workshops of Contract Management and related Environmental Safeguard Issues were held on dated November 09, 2021 at Kanchan Pourashava, November 17, 2021 at Tarabo Pourashava, November 18, 2021 at Sonargaon Pourashava, November 28, 2021 at Singair Pourashava, 02 December, 2021 at Narsingdi Pourashava and on 13 December, 2021 at Dhamrai Pourashava. The objective of these Workshops was

to share experience and information, and to provide detailed guidance to all staff of Project Implementation Unit (PIU), Contractors and concerned others on issues related to implementation with particular emphasis on contractual and safeguards issues. The objective also included highlighting specific responsibilities and activities of staff under PIU LGED, contractor and Preparation, Design and Supervision Consultants (PDSC) The list of the Participants attended the Orientation Session is enclosed in **Appendix 6**. Participant details is displayed in the following table:

Date/Venue	Number of Participants Attended			Remarks
	Male	Female	Total	
09.11.2021 / Kanchon Pourashava	30	nil	30	Total participants=161 (female 5.6 %)
17.11.2021 / Tarabo Pourashava	26	nil	26	
18.11.2021 / Sonargaon Pourashava	22	1	23	
28.11.2021 / Singair Pourashava	18	1	19	
02.12. 2021 / Narsingdi Pourashava	27	nil	27	
13/12/2021 / Dhamrai Pourashava	29	7	36	
Total	152	9	161	

The details of training and capacity building programs conducted during reporting period is given in the table below:

Date	Name of the Training (i.e EMP, Social safeguard, H&S etc.)	Trainers Details	No. of Participants
09/11/2021, 17/11/2021, 18/11/2021, 28/11/2021 and 02/12/2021 13/12/2021	a) ADB's Policy and Procedure b) Bangladesh Legal Framework c) Roles and Responsibilities of PIU d) Field Inspection & Monitoring e) Environmental Safeguards and EMP Implementation f) Anticipated environmental impacts & mitigation measures; construction good practices, and monitoring g) Health & safety issues with particular emphasis on COVID-19 health & safety monitoring guidelines	1) Md. Monir Hussain Deputy Team Leader, PDS-2, CRDP-2 2) Dr. Md. Nurul Islam, Environmental Safeguard Consultant, PDS-2, CRDP-2 and 3) Mr. Md. Shamsuzzaman, Urban Development Consultant, CRDP-2	Total participants=161

Photographs from Orientation Session



Orientation Workshop on Contract Management at Kanchan (9/11/2021)



Orientation Workshop on Contract Management at Tarabo (17/11/2021)



Orientation Workshop on Contract Management at Sonargaon (18/11/2021)



Orientation Workshop on Contract Management at Singair (28/11/2021)



Orientation Workshop on Contract Management at Narsingdi (02/12/2021)



Orientation Workshop on Contract Management at Dhamrai (13/12/2021)

Environmental and social issues discussed in consultation/focus group discussions meetings

35. The orientation-cum-training programme conducted for city corporation, upazilas and pourashavas covered the following:

- Discussed the uniqueness of the CRDP-2 project that has new construction as well as rehabilitation works belonging to various sectors viz. Road and drainage improvement and solid waste management, city beautification, etc.
- Explained the need of safeguard documents and implementation of safeguard measures in the project in light of the loan covenants, GOB and ADB requirements...
- Discussed the safeguard issues related with various stages of the project and explain the relationship of safeguard issues and project cycles.
- Discussed the various social issues in the participating *Pourashavas* by safeguard team during implementation of the various Sub-projects. Mitigation measures suggested and implemented in various city corporation/*Pourashavas* was also discussed.
- Specific issues of safeguard measures discussed included issues of the Design Stage and Construction stage.

Consideration of Climate Change Effects in CRDP-2

36. A rapid assessment for the climate change effects in terms of a) Climate Adaptation Assessment (climate proofing) and b) Climate change reduction assessment (Emission Saving) from projects are being considered in the planning and design of the sub-project. Design Implementation and the construction materials used therein is expected to reduce substantial reduction to Greenhouse Gas Emissions. In connection to the above context, it is worthwhile to point out that Solid Waste Management (SWM) shall reduce emission of 22092-ton CO₂ (carbon dioxide)/year. (Ref. Waste Concern Consultant, Design Consultant of the proposed solid waste management subproject in Khulna City Corporation).

VI. MONITORING OF ENVIRONMENTAL IMPACTS ON PROJECT SURROUNDINGS (AMBIENT AIR, WATER QUALITY AND NOISE LEVELS)

37. In the case of the CRDP-2 subprojects development, environmental impacts during construction phase will not be severe because:

- a) Most of the component works are relatively small and involve straight forward construction, so impacts will be mainly localized and not greatly significant;
- b) Most of the predicted impacts are associated with the construction process, and are produced because of the invasive nature of excavation activities and earth movements; and
- c) Being located in the built-up area of the rural and urban areas, will not cause direct impact on biodiversity values.

Identified general condition of surroundings at the project site	Action taken
(a) Though not severe, noted prominent dust generation at the subproject construction site and in its surrounding areas	The contractor was found to manage this dust pollution by i) taking excavation and construction activities segment-wise i.e 100m - 200m per segment and ii) spraying water intermittently over the dust generating loose soil surfaces.
(b) No muddy water was found to escaping site boundaries or any muddy tracks could be seen at road adjacent areas.	Requires no special attention
(c) No noticeable erosion and sedimentation issue encountered at construction site	Requires no special attention
(d) Secured stockyard was found to exist.	Appended Photographs and EMP compliance monitoring sample checklists and at the end of this report may be seen for overall appraisal of environmental safeguard compliances (Appendix 4 and Appendix 5) .
e) Noticed more or less proper stocking and management of construction materials.	
(f) Noticed adequate provision of sanitation and water supply facilities at labor camp/site office.	
(g) Noticed installation of safety barrier/barricade alongside the vertical cut and excavation of the road under improvement,	
(h) Noticed installation of regulatory safety /warning signs and signals at the construction sites to avoid risk of accident, and signalman was found to controlling the traffic	
(i) Noticed installation of diversions/dedicated pathways for pedestrians.	
(j) Noticed erection/installation signboard with subproject contract details.	
(k) Subprojects construction activities are reported to undertake within the stipulated time space of 8.00 am to 6.00 pm.	

38. As per IEE report and SEMR Template (provided as Appendix in IEE Report) and agreed upon with ADB, the environmental monitoring parameters shall include ambient air, water (both surface- & ground-water) and noise level. According to contract document, at the start of the construction, subproject contractors are required to conduct the environmental

quality tests for ambient air, surface- & ground-water quality and noise levels of subproject surroundings for assessing the baseline environmental quality of the subproject surrounding areas. With the progress of the construction works of the subproject, the environmental quality will require to be tested semi-annually during the construction period. These tested results will then be compared with the baseline data in order to assess the impact of construction works on project surroundings (ambient air, water quality and noise level). For the purpose of environmental baseline data, sampling and analysis of the required environmental parameters of one subprojects has been done. The details of sampling date and location are provided in the table here under:

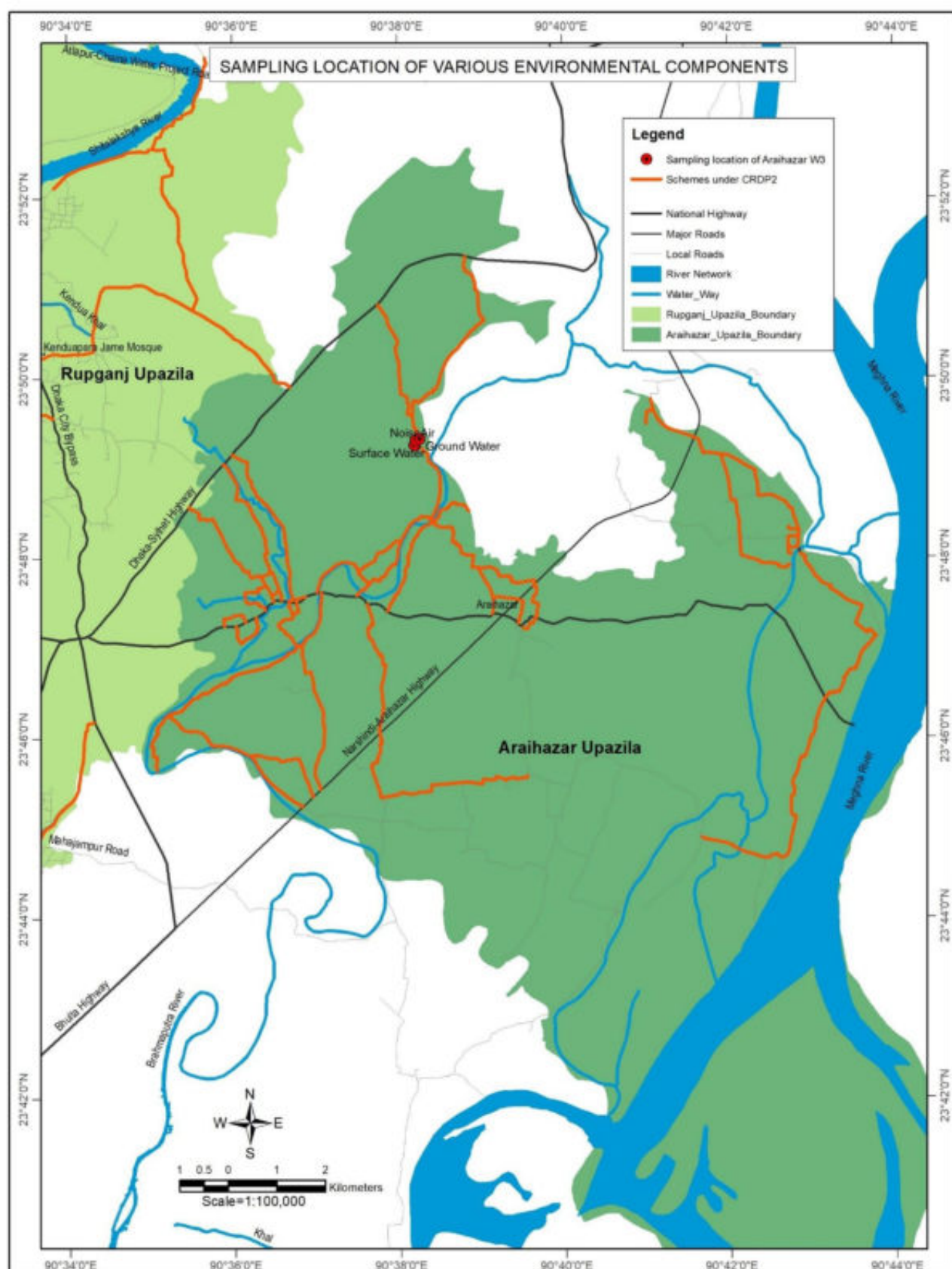
Sampling Date and Location of various environmental components of subproject Roads

Subproject Road and Name of Package	Date & Sampling Locations (Coordinates) of various Parameters for Environmental Quality Test			
	Air	Noise	Surface Water	Ground Water
Araihasar (at Araihasar-Norshindi RHD) to Purinda Bazar (at Dhaka-Sylhet High Way)(Road ID#367022006) (Araihasar/W-03)	<u>Sampling Coordinate:</u> 23°49'15"N 90°38'12"E <u>Date:</u> 25/09/2021	<u>Sampling Coordinate:</u> 23°49'14.78"N 90°38'11.38"E <u>Date:</u> 25/09/2021	<u>Sampling Coordinate:</u> 23°49'18.14"N 90°38'12.35"E <u>Date:</u> 25/09/2021	<u>Sampling Coordinate:</u> 23°49'19.11"N 90°38'15.42"E <u>Date:</u> 25/09/2021

Sampling location map showing monitoring sites are displayed in the **Figure 3** below:

The test results for ambient air, noise and water (surface and ground) quality of subproject Araihasar W-03 are included at the end of this report.

Figure 3: Location of the monitoring sites of environmental parameters



Analytical results and analysis of the ambient air, water quality and noise levels

a) Air quality

Ambient Air Quality Monitoring Technique:

39. **SPM, PM10 and PM2.5:** Particulate matters (SPM, PM10 and PM2.5) were determined with a real time particle mass counters instrument AEROCET, Model 531, USA. Portable laser particle counters (Dylos, Made: UK) were also used for the comparison of the particulate matters (PM10 and PM2.5). High Volume Air Sampler Method was also employed for the collection of SPM. Direct measurement of NOx, SOx and CO etc. was conducted on a spot over a period of 8-hrs by using an instrument named Aeroquel Gas Analyser equipped with NOx, SOx and CO sensors (Model: 500, New Zealand).

40. To assess the base data (at the start of the subproject construction) of the ambient air quality, certain air pollutant parameters of the selected subproject sites were tested. The results of air quality parameters including the time average of each standard are presented in **Table 10** and reference for the amended air quality standard of ECR 1997 are presented below the table.

Table 10: Air Quality Test Results at and around the proposed subproject site

Parameter	Unit	Concentration of Ambient Air Quality at subproject site			DOE- ECR 1997 (Urban Standard)	DoE Duration(time average)	WHO Guidelines
		Min	Max	Avg			
CO	ppm	0.000	0.001	0.001	35 ppm (40 mg/m ³)	1 hr	10 µg/m ³
					9 ppm (10 mg/m ³)	8 hr	
CO ₂	ppm	688	695	689			
NO _x (NO+NO ₂)	ppm	0.043	0.046	0.044	0.053 ppm (100 µg/m ³)	Annual	40 µg/m ³ (1 hr)
SO ₂	ppm	0.017	0.019	0.018	0.14 ppm (365 µg/m ³)	24 hr	20 µg/m ³
					0.03 ppm (80 µg/m ³)	Annual	(24 hr)
SPM	µg/m ³	16	35	26.7	200 µg/m ³	Annual	
PM _{2.5}	µg/m ³	11	16	12.8	150 µg/m ³	24 hr	50 µg/m ³ (24 hr)
PM ₁₀	µg/m ³	12	16	14.5	65 µg/m ³	24 hr	25 µg/m ³ (Annual)
Pb	µg/m ³	bdl	bdl	bdl	0.5 µg/m ³	Annual	-
Temperature	°C	31	33	32	-	-	-
Relative humidity	%	70	72	69	-	-	-

bdl: beyond detection limit

Ambient air quality standards for Bangladesh and WHO Guideline

Pollutant	Bangladesh standard	WHO Guideline	Averaging time
Carbon Monoxide (CO) (mg/m ³)	10 (9 ppm)	10	8 hour(a)
	40 mg m ³ / (35 ppm)	30	1 hour(a)
Oxides of Nitrogen (NO _x) (µg/ m ³)	100 µg/ m ³ (0.053 ppm)	■	Annual
Particulates (PM10) (µg/ m ³)	50 µg/ m ³	15	Annual(b)
	150 µg/ m ³	50	24 hours(c)
Fine Particulates (PM2.5) (µg/ m ³)	15 µg/ m ³	10	Annual
	65 µg/ m ³	25	24 hours
Ozone (O ₃) (µg/ m ³)	235 µg m ³ / (0.12 ppm)	-	1 hour(d)
	157 µg/ m ³ (0.08 ppm)	100	8 hours
Sulfur dioxide (SO ₂) (µg/ m ³)	80 µg/ m ³ (0.03 ppm)	-	Annual
	365 µg/ m ³ (0.14 ppm)	20	24 hours(a)

41. It is found, by comparing with the standard limit set by the DOE, that values for SPM, PM 2.5 and PM 10 are within permissible limits. The gaseous pollutant such as CO remain well within permissible limit, and the recorded values of SO₂ and NO_x are within the DoE's standard.

a) Surface and Groundwater Water quality

Sampling procedure including sample preservation and transportation process, lab information in brief:

42. Surface water samples were collected from nearby ponds/inland water bodies and Groundwater samples were collected from nearby tubewell of each subproject site. The depth of tubewells was in the range of 100-150m. Sample bottles were preconditioned with 5% nitric acid and rinsed with distilled deionized water. Each sample was collected in acid-washed 500 mL plastic bottle. Duplicate samples were taken per each sampling. Sample location was marked on the bottle and suitable preservatives were added for storage till completion of quantitative chemical analysis. The bottle was filled to the brim with water taking care that no air bubble was trapped within the water sample. Samples were transferred to the laboratory in coolers containing ice to reduce the degradation of samples before analysis. Immediately after collection, samples were transferred to the laboratory.

43. One representative surface water sample was collected from a nearby pond of subproject site and another sample of groundwater was collected from a nearby drinking water tube well of subproject site to test their existing quality. This data will constitute the baseline information, which can be referred to in the construction/ post construction monitoring at the subproject sites. The indicated surface and ground water test results are presented below in the **Tables 11 & 12** respectively.

Surface Water

44. The test results show that the levels of pH, DO, BOD, 20°C (5 days) levels and total Coliform count of collected surface water samples are within the standard set by ECR-97(Schedule 3A), and the parameters COD, Fe, Mn, As, NO³-N, and Chloride are also found to be within acceptable the limits as per ECR standards, 1997 (Schedule 10).

Table 11: Surface Water quality test results at the proposed subproject sites

Subproject Site/area	pH	Ec μ S/cm	DO mg/l	BOD ^{5d} mg/l	COD (mg/l)	TSS mg/L	TDS mg/L	Fe mg/l	Mn mg/l	As ppb	Turbidity NTU	NO ₃ -N mg/l	Cl- mg/l	Total Coliform cfu/100ml
Araihazar/W-03	7.46	101.8	5.48	0.88	ND	5.21	108.7	BDL	<0.10	<2.0	13.62	5.82	12.20	1.5x10 ³
Standard per ECR, 1997 (Schedule 3A)	6.5-8.5		5 or above	6 or less	NYS			NYS	NYS	NYS		NYS	NYS	5000 or less
Standard per ECR, 1997 (Schedule 10)	6-9		4.5-8	50	200			2	5	20		10	600	NYS

Ground Water

45. As per documented results, the tested parameters pH, DO, BOD, 20°C (5 days), As, chloride, Fe and TDS values agrees well with the set standard of ECR, 1997. But the Mn concentration was found to exceed the permissible limit. The shallower depth of source tubewell may explain the probable reason to this high concentration. In this connection, the Article “*Occurrence of manganese in groundwater of Bangladesh and its implications on safe water supply*” may be referred [Journal Civil Engineering (IEB), 38(2) (210) 121-128]. It has been pointed out in the article that deeper tubewells (>150m) have been found to contain relatively less Mn. As the source tubewells of our subproject area are relatively shallow (i.e their depth are within the range 100-150m), Mn of these source tubewells are likely to record values higher than the permissible limit. These higher values can supposedly be mitigated by sinking the respective tubewell pipes to the depth of >150m.

Table 12: Ground Water quality test results of the proposed subproject sites

Subproject Site/area	pH	DO (mg/l)	BOD ^{5d} (mg/l)	COD (mg/l)	EC (μ S/Cm)	Fe (mg/l)	Mn (mg/l)	As (ppb)	NO ₃ -N (mg/l)	Chloride (mg/l)	TSS (mg/l)	TDS (mg/l)
Araihazar/W-03	7.28	7.02	Nil	ND	209.7	BDL	0.18	2.25	Nil	19.77	Nil	371.8
Standard per ECR, 1997 (Schedule 3B)	6.5-8.5	6.0 or above	0.2	4.0	NYS	0.3-1.0	0.1	50.0	10.0	150-600		1000

Noise level

Sampling procedure including monitoring duration, instrument etc.:

46. The current noise levels along the proposed subproject sites have been measured during day (8am – 9am, 12am – 1pm & 6pm – 7pm) time to identify existing noise level in the subproject area. A sound level meter/noise level meter was used to quickly determine the ambient noise level in the road construction site. The specification of sound level meter was: TES 1350A; Range: Low 35-100dB, High 65-130dB.

47. Noise is another potentially threat to the quality of an environment. Noise levels vary at the given locations according to ambient noise. The background noise level at the subproject area is primarily due to the movement of road traffic. The noise level will vary depending on the traffic volume, vehicle type, road surface conditions, and other factors. However, the noise level is likely to become higher after the improvement of the proposed subproject roads and bridges since the movement of increased number of motorized vehicular traffic will take effect.

48. The current noise levels along the proposed subproject sites have been measured during day (8am – 9am, 12am – 1pm & 6pm – 7pm) time to identify existing noise level in the subproject area and results are given in the **Table 13** here below. According to the result of noise level, it is observed that the measured levels of noise at subproject sites (mixed areas- used as residential, commercial and industrial purposes) are more or less within the standard limit set by DoE and Bangladesh Noise Pollution (Control) Rules, 2006. According to WHO Guidelines, human tolerance

limit for comfortable hearing is at noise level 75 dBA. In this context, it can be mentioned that the proposed subproject sites are seemingly free from noise disturbances at present. The tested noise level data can be used as a benchmark of noise level, and can be referred to in the construction and post-construction monitoring.

Table 13: Tested noise level data of subproject sites & DoE standard for Noise Level

Subproject sites	Time							DoE Standard for Noise Level(Regulation and control) Rules, 2006		Remarks
	0800-0900		1200-1300		1800-1900		Day Time dB(A) Leq	ResidentialArea	MixedArea	
	Min dBA	Max dBA	Min dBA	Max dBA	Min dBA	Max dBA				
Araihazar/ W-03	41.2	53.4	45.5	56.2	50.3	63.3	54.08	55 dBAatDayTimeand45dBAat NightTime	60dBAat DayTime and50dB A at NightTime	Result is within theNational Standards in respect to residential area as the construction site is very adjacent to residential areas,

Note: According to the Bangladesh Noise Pollution (Regulation and Control) Rules, 2006, acceptable sound levels are 55 decibels (dBA) for day time (6 am to 9 pm), and 45 dBA for night time (9 pm to 6 am) in residential areas; 50 dBA for day time and 40 dBA for night in quiet places; 60 dBA for day time and 50 dBA for night in mixed areas; 70 dBA for day time and 60 dBA for night in commercial areas; and 75 dBA for day time and 70 dBA for night in industrial areas.

49. It is sensible to point out here that Nighttime noise measurement has purposely excluded, as the movement of motorized vehicular traffics in the nighttime is very limited in the subproject area, and in consequent, nighttime traffic will not cause any significant noise pollution.

50. As the road construction subproject site is adjacent to the residential area, therefore the noise level monitored is compared with the residential category of the National standard of DoE. It is relevant here to point out that no construction work was undertaken adjacent to the residential area at night time. According to the Bangladesh Noise Pollution (Regulation and Control) Rules, 2006, the acceptable sound levels are 55 decibels (dBA) for day time (6 am to 9 pm) and 45 dBA for night time (9 pm to 6 am) in residential areas. Now, the results of the day time measured noise level in the subproject areas range between Min 41.6 and Max 53.4 dBA (as per Leq calculation, measured sound level is almost equivalent to continuous sound level 50 dBA at Day Time), and this agrees well with DoE's recommended noise level for residential area. Thus, the subproject area/s appears to be free from noise disturbances at present.

Pictorial evidence of sample collection for air, noise, surface and groundwater quality monitoring for Araihaazar/W-3 subproject surroundings

	
<p>Monitoring Ambient Air Quality At 23°49'15"N & 90°38'12"E of Araihaazar W-03</p>	<p>Monitoring Ambient Noise Level At 23°49'14.78"N & 90°38'11.38"E of Araihaazar W-03</p>
	
<p>Collecting Groundwater Sample From Submersible Tubewell At 23°49'19.11"N & 90°38'15.42"E of Araihaazar W-03</p>	<p>Collecting Surface Water Sample From Pond At 23°49'18.14"N & 90°38'12.35"E of Araihaazar W-03</p>

GRIEVANCE REDRESS MECHANISM

51. Within 12 months after the Effective Date, LGED has prepared a Grievance Redress Mechanism, acceptable to ADB, and established a special committee to receive and resolve complaints/grievances or act upon reports from stakeholders on misuse of funds and other irregularities, including grievances due to resettlement. The special committee is to (i) make public of the existence of this Grievance Redress Mechanism, (ii) review and address grievances of stakeholders of the Project, in relation to either the Project, any of the service providers, or any person responsible for carrying out any aspect of the Project; and (iii) proactively and constructively responding to them.

52. Second CRDP has adopted the grievance redress mechanism (GRM) as that of the first CRDP. The GRM is being implemented in three levels (for details, IEE Report may be consulted). Exercising this participatory process/mechanism, all views of the people/stakeholders are adequately reviewed and suitably incorporated in the project design. The GRM provides redress for grievance arising from resettlement, compensation and environmental impact during subproject implementation. Other aspects of the GRM are being progressively complied with.

53. The Grievance Redress Committees (GRC) have been formed on June 07, 2020 vide memo no.46.068.005.00.00.018.2020-455 in local governments where subprojects are under construction. This Office order in Bangla (**Appendix 3**) outlines the composition and capacity of GRC to address project-related issues/complaints.

Table:GRC functioning at CRDP-2 sites for resolving the complaints 1st Level GRC (at Local Level)

Sl.	Members	Designation	Responsibility/Scope of work of 1 st Level GRC
1	Assistant Engineer of concerned PIU	Chairman	<ul style="list-style-type: none"> Document the grievances of affected persons (AP) and resolved these through continuous interactions, Once the grievances of AP is received/reported, these to be resolved within 7(seven) days of receipt of the complaint, Make aware the Aps regarding land acquisition, structures acquisition, livelihood impacts, entitlements, and various assistances related to the above, All grievances will be documented with full information of the person and issue, Resolvedgrievancesandotherrelatedrecordsandminutesofmeetin garetopreserve properly, and make the Project Director aware this through the Mayor.
2	Consultant of CRDP-II(Safeguard Specialist	Member	
3	Environmental/Social Safeguard Focal Officer of concerned PIU	Member Secretary	

2nd Level GRC (at Local Level)

Sl.	Members	Designation	Responsibility/Scope of work of 2 nd Level GRC
1	Chief Executive Officer/Secretary of concerned PIU	Chairman	<ul style="list-style-type: none"> Provide support to affected persons on problems arising from land acquisition (temporary or permanent), asset acquisition and eligibility for entitlements, compensation and assistance, If any affected person's claim of loss is valid under the context of statutory laws pertaining to relocation, the committee must help the complainant in being recompensed by the project authority, Record grievances of affected persons, categorize and prioritize them and provide solutions within 30 days from receipt of grievance from the first level, Report to the aggrieved parties about developments regarding their grievances and decisions of the GRC, The progress of resolve and decisions made by GRC related to the grievances of the complainant must be informed to the PD through the Mayor of the Pourashova, The GRC must hold at least two meetings a month. The number of meetings held maybe increased or decreased based on the existing number of unresolved cases and making discussion with the PD.
2	Representative of the Mayor of concerned PIU	Member	
3	Representative of Affected Persons of concerned PIU	Member	
4	Official Representative of the land registry department	Member	
5	Official Representative of the DOE Divisional Office	Member	
6	Town planner of the Pourashava or City Corporation	Member	
7	Environmental/social safeguard Focal Officer of concerned Pourashava	Member Secretary	

In connection to the GRC committee established and functioning at CRDP-2 sites, as a sample, Rupganj GRC is displayed in **Appendix 12**.

Measures undertaken to publicize the GRM among the local people reside in the project area:

54. The measures undertaken to publicize the GRM among the local people reside in the project area are as follows:

- The contact numbers of key personnel of project Safeguard Team (consists personnel from PMCU, PIU and Consultants) who are assigned to safeguarding project issues, are posted in the project areas and at PMCU and PIU notice boards.
- All grievances are being documented, with full information of the affected person, in a register. The register will kept/available at the project site.
- The project signboards contain the necessary contact information (i.e. email address, contact number, etc) of the nodal person responsible for assisting grievance readdressing for the project
- The GRM among the local people are discussed at the focal group discussion meeting

Prepared Sample grievance redress form for the project has been included in the **Appendix 7**. The IEE reports of subprojects also include this Sample grievance redress form.

COMPLAINTS RECEIVED DURING SUBPROJECT IMPLEMENTATION

55. No formal complaints were received from the community or from any individual of the community during the reporting period at the construction site. However, it is to note that in almost all the monitored sites, there were instances of informal complaints that are related to dust pollution at the construction-site adjacent built-up areas.

SUMMARY OF KEY ISSUES AND REMEDIAL ACTIONS

56. No formal written complaints were received from the community or from any individual of the community at the construction site. However, in almost all the monitored sites, there were instances of unceremonious/casual complaints lodged by the people of the locality with respect to poor initiative of spraying plentiful water on dry surfaces of construction sites in order to suppress dust pollution. Taking into consideration the community's concern with dust generation, a non-compliance report (NCR) for concerned site was served to the contractor's site engineer/supervisor during monitoring of environmental management works to rectify the flaws of environmental management, and subsequent follow-up actions against CAR after stipulated time have demonstrated rectification of the dust pollution issue.

The follow-up actions against corrective action report issued during field visit are as follows:

Table 14: Follow up actions for suggested actions against registered non-compliances

Sl. no	Name of Subproject (where non-compliances recorded)	Type of non-compliances recorded	Date of corrective action request (CAR)	Follow up status of compliances
1	Savar W-01 Savar W-02 Savar Pou W-01	Not spraying plentiful water for dust suppression at construction sites	30/11/2021 (reported non-compliances to be rectified within 5 days of CAR)	Complied with
2	Araihazar W-01 Araihazar W-02	Not spraying plentiful water for dust suppression at construction sites	25/11/2021 (reported non-compliances to be rectified within 5 days of CAR)	Complied with
3	Rupganj W-02 Rupganj W-03	Not spraying plentiful water for dust suppression at construction sites	31/03/2021 (reported non-compliances to be rectified within 5 days of CAR)	Complied with

Considering the recommendation of ADB Mission with regard to environmental safeguard, an action plan has been prepared and presented in the Sec .XI.

PROJECT STRATEGY AGAINST COVID-19 H&S GUIDELINES

57. Project strategy against COVID-19 H&S Guidelines that have been shared by ADB during TPRM held on June 2020 and Status of COVID-19 guidelines implementation.

58. The PMCU assisted the contractors to prepare 'Site Specific H&S Plans' to resume the construction works which had been stopped from March 2020 due to the emergence of COVID-19 crisis. Various government issued circulars and guidance were reviewed in preparing these "Site-specific COVID-19 Health & Safety Plans" and they are line with them. Consultations with relevant officials were done with public health advisory from the government. In addition to national circulars, guidelines and public health advisory guidelines and checklists of various international organizations such as, World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), International Finance Corporation (IFC), International Labor Organization (ILO), Pan American Health Organization (PAHO) and UNOPS, International Safety and Health Construction Coordinators Organization (ISHCCO), Construction Federation of Isle of Man and Construction Industry Council (CIC), UK were reviewed and adopted in preparation of these "Site-specific COVID-19 Health & Safety Plans". 'Site Specific H&S Plans' of eight packages were shared with ADB on 22nd July 2020 and all plans have been approved by ADB on 3rd August 2020.

59. Meanwhile BRM of ADB transmitted Health and Safety Guidance on COVID-19 prior to works resumption to the project on 28th July 2020 and these documents have been handed over to the contractors and to the relevant project staff.

60. Before reopening the construction sites during August 2020 the prerequisites suggested by ADB guideline and the recommendations of Site Specific COVID 19 H& S Plans have been followed by the contractors. To ensure the proper implementation of the recommended COVID-19 H&S protocols, staffs have been assigned both from PMU and from contractors. They are monitoring the COVID-19 H&S issues in the construction sites according with the guidance of the concerned PMCU staff and consultants. The BRM of ADB provided template have been adopted by the project to monitor and record the COVID-19 H&S issues in the work sites. The adopted template and some examples of monitoring records have been included in **Appendix 10**. Some photographs on preventive measures practicing at the worksite against spread of COVID-19 infection are displayed at the end of the said Appendix.

CONCLUSIONS AND RECOMMENDATIONS

61. Environmental mitigation measures related to subprojects are being implemented in line with the Environmental Safeguard Framework; by and large performance is generally fair. Environmental review through use of IEEs is done in conjunction with subproject design. Contractors are required to mitigate environmental impacts, and monitoring is being conducted by the environmental specialists and PIU staff towards that end. Where mitigation measures are lacking, contractors are urged to progressively improve their performance. The GRM has been outlined for being implementation with GRCs formed at local level.

62. Active areas for improvement for subprojects under implementation include the following:

- Overall improvement of environmental performance need to be ensured on most contracts through strict adherence to site-specific environmental health & safety plan.
- Workers need to be well equipped and adapted with Personal Protective Equipment (PPE) at all times within the construction work sites, as it was found that workers were negligent in using PPE in instances.
- Housing and sanitary facilities for workers are not up-to-standard in few contracts, whereas at other locations these facilities are found satisfactory.
- Due to the small size of subproject, formal public consultation is not warranted; affected parties can and do directly approach site supervisors to remedy a particular problem or inconvenience.
- PIUs need to post notices regarding the grievance redress mechanism and the ability of an affected party to seek redress on an environmental issue.
- Some community safety issues are sometimes only partially addressed by contractors. At some locations improved barricades need to be erected around open excavations where the public has frequent access.
- Temporary access to homes and businesses need to be constructed firmly for subprojects under implementation.
- Require posting of adequate number of regulatory signs/signals and flagmen as these are deficient in few construction sites. These elements shall assist safe traffic flow and pedestrian.
- Wind-blown dust and mud/gravel on road surfaces is common at many sites. Contractors need to remove stockpiled materials that are no longer in use from the jobsite; and reduce material losses from trucks hauling sand and spoil by covering loads and by removing materials from tires and truck underbodies before transport. Contractors need to be more willing to dedicate labor time for cleaning roadway surfaces.

63. The PMCU has been making sincere efforts in improving environmental awareness of the need for mitigation measures among the PIUs and construction contractors. The Environmental Specialist has all along been striving to impress upon the contractors about the urgency of compliance of environmental safeguard requirements. Environmental specialist will continue to work with PIUs and contractors to pursue improvement in the areas set out in Paragraphs above. As regards the time bound action plan (CAP) for further improvement, the recommendations are outlined in **Table 15** below:

Table 15: Compliance Status of Corrective Action Plan with Time frame

SI	Recommendation/Corrective measures	Compliance status	Responsible Entity	Timeline (if possible specific date or month)
1	Ensure quality and timely implementation of infrastructure improvement works	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>
2	Make it mandatory for the construction work force to using PPE when at work	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>
3	Construct proper barricade/safety barrier around excavated sites to avoid accident/injury	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During work around the excavated section</i>
4	Ensure proper arrangements for water spraying periodically at construction sites to suppress dust pollution	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>
5	Stock piles of construction materials (sand, brick chips and stone chips)are to be covered with poly ethylene sheets to avoid being airborne	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>
6	Site facilities to be established at safe distance from communities	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>Before commencement of construction work</i>
7	Proper arrangements of firefighting equipment at work force camp and site office	Satisfactory	Contractor's Site Engineer/Supervisor/ Environmental H&S Supervisor	<i>During construction period</i>
8	Ensure strong measures to minimizing the potential risk of COVID-19 infection among the field work force so that construction work can continue safely	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>
9	Prepare Hand washing and social distancing posters and Tobe displayed at work sites and labor camps	Satisfactory	PMCU,PIU,PDSC, Contractors Environmental H&S Supervisor	<i>During construction period</i>
10	Periodic meetings to be held between the construction representative/sand local elite to avoid possible social conflict	Satisfactory	PMCU,PIU,PDSC, Contractor's Environmental H&S Supervisor	<i>During construction period</i>

Appendix 1: EIA approval and ECC for Integrated Waste Management Facilities in KCC

শেষ স্থানীয় নির্দেশ
অন্যান্য সহিষ্ণু বাধ্যতাবোধ

11. In order to control noise pollution, vehicles & equipment shall undergo regular maintenance; working during sensitive hours and locating machinery close to sensitive receptor shall be avoided.
12. Proper and adequate on-site precautionary measures and safety measures shall be ensured so that no habitat of any flora and fauna would be endangered or destroyed.
13. All the required mitigation measures suggested in the EIA report along with the emergency response plan are to be strictly implemented and kept operative/functioning on a continuous basis.
14. To control dust, spraying of water over the earthen materials should be carried out from time to time.
15. Storage area for soils and other construction materials shall be carefully selected to avoid disturbance of the natural drainage.
16. Adequate considerations should be given to facilitate drainage system for run-off water from rain.
17. Adequate facilities should be ensured for silt trap to avoid clogging of drain/canal/water bodies.
18. Construction material should be properly disposed-off after the construction work is over.
19. Leachate and Rainwater runoff the landfill should be collected and treated in the leachate treatment plant and reused.
20. A piezometer well shall be installed in the project site to monitor the ground water. The information of the ground water quality should be submitted to the DoE.
21. No hazardous waste should be handled in the premise
22. Green belt shall be developed around the project area.
23. All activities (pre-construction, construction and post-construction stage) should be implemented according to EMP clearly listed in the EIA report.
24. The project authority should provide all sort of logistics support to DOE and other relevant agencies for monitoring environment related items/events.
25. The feed to the pyrolysis reactor should be devoid of dirt and the feeding arrangement to the reactor should be mechanized.
26. The initial heating of the reactor should be done by liquid fuel or gas. The flue gas should be released through a chimney of at least 30 meters height.
27. Excess pyro gas if any should be stored or flared at a minimum height of 30 meters.
28. Adequate instrument for measurement and control of temperature and pressure along with safety interlocks should be provided.
29. Removal of carbon should be done through mechanized system.
30. Environmental Monitoring Reports according to specific format specified in the EIA Report shall be made available to Khulna Divisional Office of the Department of Environment on a quarterly basis during the construction period of the project.
31. The following records must be kept in respect of any samples required to be collected for the purposes of environmental monitoring activities :
 - (a) the date(s) on which the sample was taken;
 - (b) the time(s) at which the sample was collected;
 - (c) the point at which the sample was taken; and
 - (d) the name of the person who collected the sample.
32. The results of any monitoring required to be conducted under this EIA report must be made available to the DOE.
8. Environment friendly construction and development practices shall be followed that minimize loss of habitats of any flora and fauna.
9. Construction works shall be restricted to day time hours so as to avoid/mitigate the disturbance of local lives.
10. Proper and adequate sanitation facilities shall be ensured in labor camps throughout the proposed project period.

শেখ হাসিনার নির্দেশ
জলবায়ু সহিত বাংলাদেশ



33. In case of any emergency, the following information shall immediately be reported to Khulna Divisional Office, Khulna and Head Office of the Department of Environment simultaneously:
- a) Nature of incident (fire, accident, collision, land slide etc.)
 - b) Personnel affected (injured, missing, fatalities etc.)
 - c) Emergency support available and its location (standby transport, medical facilities)
 - d) Weather conditions
 - e) Current operations (abandoning the site, firefighting, etc.)
34. The project authority or its employees must notify the Department of Environment of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident.
35. No activity of cutting/razing/ dressing of hill is endorsed under this approval of EIA.
36. Re-vegetation and replantation under green belt activities shall be undertaken according to those mentioned in the EIA report.
37. This Environmental Clearance is valid for one year from the date of issuance and the project authority shall apply for renewal to the Khulna Divisional Office of the Department of Environment in Khulna at least 30(thirty) days of expiry.
38. Violation of any of the above conditions shall render this approval void.

This Environmental Clearance has been issued with the approval of the appropriate authority.


(Masud Iqbal Md. Shameem)
Director (Environmental Clearance)
Phone # 8181673

Project Director

Khulna City Corporation Solid Waste Management under
Second City Region Development Project (CRDP-II)
Khulna City Corporation
Khulna.

Copy Forwarded to:

1. Secretary, Ministry of Environment, Forests and Climate Change, Bangladesh Secretariat, Dhaka.
2. Director, Department of Environment, Khulna Divisional Office, Khulna.
3. Assistant Director, Office of the Director General, Department of Environment, Dhaka.

Appendix 2: Application for Renewal for Environmental Clearance Certificate (ECC) For CRDP-2

Government of the People's Republic of Bangladesh
Department of Environment
Head Office, Paribesh Bhaban
E-16 Agargaon, Dhaka-1207
www.doe.gov.bd

Memo No: DoE/Clearance/5194/2013/61


Date: 24/03/2021

Subject: Renewal of Environmental Clearance Certificate for "Second City Region Development Project (CRDP-2), Local Government Engineering Department, LGED Bhaban, Agargaon, Sher-E-Bangla Nagar, Dhaka"

Ref: Your application dated 24/02/2021.

With reference to your above application, the Department of Environment hereby renews the Environmental Clearance Certificate in favor of the Second City Region Development Project (CRDP-2) subject to fulfilling the terms and conditions stated in Environmental Clearance Certificate issued on 10.02.2019 vide memo no. DoE/Clearance/5194/2013/53.

2. This renewal is valid upto 09 February, 2022. An application for further renewal along with a) the renewal fees (as per the ECR, 1997) b) VAT on renewal fees (in separate Treasury Chalan) and c) all associated documents shall be submitted to the Head Office of DoE with a copy to Dhaka Regional/Khulna Divisional Office at least 30 days ahead of expiry date.



(Masud Iqbal Md. Shameem)
Director (Environmental Clearance)
Phone: 8181673

Project Director
Second City Region Development Project (CRDP-2)
Local Government Engineering Department,
LGED Bhaban, Agargaon
Sher-E-Bangla Nagar, Dhaka.

Copy Forwarded to :

- 1) PS to Secretary, Ministry of Environment, Forest and Climate Change, Bangladesh Secretariat, Dhaka.
- 2) Director, Department of Environment, Dhaka Regional Office, Dhaka.
- 3) Director, Department of Environment, Khulna Divisional Office, Khulna.
- 4) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.

Appendix 3: Grievance Redress Committees (GRC) – Office Order



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
স্থানীয় সরকার, পল্লী উন্নয়ন ও সমবায় মন্ত্রণালয়
স্থানীয় সরকার বিভাগ
উন্নয়ন ২ শাখা
www.lgrd.gov.bd

শেখ হাসিনার মুনীতি
গ্রাম শহরের উন্নতি

স্মারক নং- ৪৬.০৬৮.০০৫.০০.০০.০১৮.২০২০-৪৫৫

তারিখ: ২৪ জ্যৈষ্ঠ ১৪২৭
০৭ জুন ২০২০

অফিস আদেশ

স্থানীয় সরকার প্রকৌশল অধিদপ্তর কর্তৃক বাস্তবায়নাবীন “দ্বিতীয় নগর অঞ্চল উন্নয়ন” প্রকল্পের আওতায় পৌরসভা, সিটি কর্পোরেশন ও এসজিইটি পর্যায়ে অভিযোগ নিরসন কার্যক্রম দ্রুত ও নিয়মানুগভাবে বাস্তবায়নের লক্ষ্যে নিম্নরূপ অভিযোগ নিরসন কমিটি (Grievance Redress Committee) গঠন করা হলো:

১) পৌরসভা পর্যায়ে:
অভিযোগ নিরসন কমিটি ও নিষ্পত্তি প্রক্রিয়া:
অভিযোগ নিরসন প্রক্রিয়া ৩টি স্তরে বাস্তবায়িত হবে। পৌরসভা পর্যায়ে প্রাথমিক ও দ্বিতীয় স্তরে এবং প্রকল্প পর্যায়ে তৃতীয় স্তর।

প্রথম স্তর:
প্রাথমিক স্তরে থাকবে অভিযোগকারীর সহজে যোগাযোগের সুযোগ ও অভিযোগসমূহ দ্রুত সমাধানের ব্যবস্থা। এ স্তরে P.U. প্রধান (পৌরসভার মেয়র) সংশ্লিষ্ট P.U. এর একজন কর্মকর্তাকে ফোকাল পার্সন হিসেবে নিয়োজিত করবেন। ফোকাল পার্সন ক্ষতিগ্রস্তের অভিযোগ গ্রহণ এবং দ্রুত নিরসনের উদ্যোগ গ্রহণ করবেন। ক্ষতিগ্রস্তদের যোগাযোগের সুবিধার জন্য ফোকাল পার্সনের মোবাইল নম্বর উপ-প্রকল্প এলাকার গুরুত্বপূর্ণ স্থানে তুলিয়ে দিতে হবে। ক্ষতিগ্রস্ত ব্যক্তি/ব্যক্তিগণের কাছ থেকে লিখিত অভিযোগ প্রাপ্তির পর ফোকাল পার্সন বিষয়টি অবিলম্বে প্রাথমিক স্তরে গঠিত কমিটিতে (কমিটির কার্যপরিধি ২নং দায়িত্বের নিরিখে) উপস্থাপন করবেন।

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:
(১) নির্বাহী প্রকৌশলী/সহকারী প্রকৌশলী, সংশ্লিষ্ট পৌরসভা সভাপতি
(২) সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভার্ড এজেন্ট) সদস্য
(৩) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট পৌরসভা সদস্য-সচিব

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:
(১) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ গ্রহণ এবং পারস্পরিক আলোচনার ভিত্তিতে তা নিরসন করা,
(২) অভিযোগকারীর অভিযোগ গ্রহণের ৭ দিনের মধ্যে অভিযোগ নিষ্পত্তিকরণের ব্যবস্থা করা,
(৩) ভূমি এবং/অথবা অবকাঠামো (Structures) অধিগ্রহণ, জীবিকা অর্জনের ওপর প্রভাব, প্রাপ্য ক্ষতিপূরণ (Entitlements) এবং বিভিন্ন সহযোগিতা সম্পর্কে ক্ষতিগ্রস্তদের অবহিত করা,
(৪) অভিযোগকারী ব্যক্তির অভিযোগ সংক্রান্ত যাবতীয় তথ্যাবলী লিপিবদ্ধ করা,
(৫) অভিযোগ নিষ্পত্তি সংক্রান্ত যাবতীয় রেকর্ড ও সভার কার্যবিবরণী যথাযথভাবে সংরক্ষণ এবং মেয়র এর মাধ্যমে প্রকল্প পরিচালককে অবহিত করা।

দ্বিতীয় স্তর:
প্রাথমিক স্তরে কোনো অভিযোগ অসমীমাংসিত থাকলে প্রাথমিক স্তরে গঠিত কমিটির সদস্য-সচিব (ফোকাল পার্সন) মেয়রের মাধ্যমে পৌরসভায় গঠিত দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি-এর নিকট অভিযোগটি স্বত্ব লিখিতভাবে জানাবেন। মেয়রের লিখিত পত্র প্রাপ্তির পর দ্বিতীয় স্তরের অভিযোগ নিরসন প্রক্রিয়া শুরু হবে।

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:
(১) প্রধান নির্বাহী কর্মকর্তা/ সচিব, সংশ্লিষ্ট পৌরসভা সভাপতি
(২) পৌরসভা মেয়র এর প্রতিনিধি, সংশ্লিষ্ট পৌরসভা সদস্য
(৩) ক্ষতিগ্রস্ত ব্যক্তিগণের প্রতিনিধি, সংশ্লিষ্ট পৌরসভা সদস্য
(৪) স্থানীয় ভূমি রেজিস্ট্রি দপ্তরের প্রতিনিধি সদস্য
(৫) পরিবেশ অধিদপ্তরের বিভাগীয় দপ্তরের প্রতিনিধি সদস্য
(৬) নগর পরিকল্পনাবিদ, সংশ্লিষ্ট পৌরসভা সদস্য
(৭) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট পৌরসভা সদস্য-সচিব

উল্লেখ-২

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) এ পর্যায়ে প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিদের সম্পদ অধিগ্রহণে (স্থায়ী/অস্থায়ীভাবে) ক্ষতির পরিমাণ (শুধুমাত্র ভৌত পরিমাণ- Physical Quantity) নির্ধারণ এবং ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (২) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ পুনর্বাসন নীতিমালার আওতাভুক্ত হলে প্রকল্প কর্তৃপক্ষের মাধ্যমে ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (৩) ক্ষতিগ্রস্তদের অভিযোগসমূহ ধরণ অনুযায়ী বিন্যাস করে অগ্রাধিকার ভিত্তিতে এক মাস সময়ের মধ্যে সমাধান করা,
- (৪) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং কমিটির সিদ্ধান্ত অভিযোগকারীকে অবহিত করা,
- (৫) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং নিরসন কমিটির সিদ্ধান্তসমূহ মেয়র, পৌরসভা -এর মাধ্যমে প্রকল্প পরিচালককে অবহিত করা,
- (৬) অভিযোগ নিরসন কমিটি মাসে কমপক্ষে ২ বার সভায় বসবে। অধীমাংসিত অভিযোগের সংখ্যার ভিত্তিতে এবং প্রকল্প পরিচালকের সাথে আলোচনা করে মাসিক সভার সংখ্যা হ্রাস বা বৃদ্ধি করা যাবে।

তৃতীয় স্তর:

দ্বিতীয় স্তর পর্যায়ে স্থানীয় অভিযোগ নিরসন কমিটি-তে কোনো অভিযোগ অধীমাংসিত থেকে গেলে প্রকল্প ব্যবস্থাপক (মেয়র) বিষয়টি দ্রুত প্রকল্প পরিচালক-কে অবহিত করবেন। প্রকল্প পরিচালক স্থানীয় অভিযোগ নিরসন কমিটির প্রতিবেদন ও সুপারিশসমূহের ভিত্তিতে P.U-প্রধান (মেয়র) এর সাথে আলোচনা করে প্রকল্প পর্যায়ে গঠিত তৃতীয় স্তরের অভিযোগ নিরসন কমিটির কার্যক্রম শুরু করবেন।

তৃতীয় স্তরের প্রকল্প পর্যায়ের অভিযোগ নিরসন কমিটি:

- (১) প্রকল্প পরিচালক, সিআরডিপি-২- সভাপতি
- (২) প্রতিনিধি, ডুম্রি মহল্লায় সদস্য
- (৩) প্রতিনিধি, পরিবেশ অধিদপ্তর-..... সদস্য
- (৪) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট পৌরসভা সদস্য
- (৫) প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিবর্গের প্রতিনিধি-.....সদস্য
- (৬) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা, সিআরডিপি-২সদস্য-সচিব

তৃতীয় স্তরের প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা অভিযোগ ও পূর্ববর্তী স্তরের সিদ্ধান্তসমূহ, প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটিতে উপস্থাপন করবেন,
- (২) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি অভিযোগ গ্রহণের ৭ দিনের মধ্যে সভা আহ্বান করবে,
- (৩) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি ১৫ দিনের মধ্যে সিদ্ধান্ত প্রদান করবে,
- (৪) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সভার সিদ্ধান্তসমূহ লিপিবদ্ধ করবেন এবং সভার কার্যবিবরণী জারি করবে,
- (৫) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সিদ্ধান্ত বাস্তবায়নের অগ্রগতি পর্যবেক্ষণপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণ করবে।

(ii) সিটি কর্পোরেশন পর্যায়ে:

অভিযোগ নিরসন কমিটির প্রয়োজনীয়তা:

দ্বিতীয় নগর অঞ্চল উন্নয়ন প্রকল্প (সিআরডিপি-২) বাস্তবায়নের জন্য সম্পদ (স্থাবর/ অস্থাবর) ক্ষতিগ্রস্ত হলে এবং ক্ষতিগ্রস্তদের পক্ষ থেকে কোন অভিযোগ উত্থাপিত হলে তা নিরসনের জন্য সিটি কর্পোরেশনে 'অভিযোগ নিরসন কমিটি' গঠনের বাধ্যবাধকতা রয়েছে। সিটি কর্পোরেশন এ উপ-প্রকল্পের কাজ বাস্তবায়নে কোনও ক্ষতিগ্রস্তের অভিযোগ উত্থাপিত হলে গঠিত 'অভিযোগ নিরসন কমিটি' অভিযোগ গ্রহণ ও নিষ্পত্তির ক্ষেত্রে কার্যকর ভূমিকা রাখবে। অভিযোগ নিষ্পত্তি প্রক্রিয়া প্রকল্পের সুরক্ষা (Safeguard) সংক্রান্ত শর্ত বাস্তবায়নের অংশ হিসেবে বিবেচিত হবে। এ প্রক্রিয়ায় ক্ষতিগ্রস্ত ব্যক্তি বা ব্যক্তিবর্গের অভিযোগ স্বচ্ছ এবং যথাসম্ভব স্বল্প সময়ের মধ্যে নিরসন করতে হবে। প্রক্রিয়াটি জেডার সংবেদনশীল ও সাংস্কৃতিক বৈষম্যহীনভাবে বাস্তবায়ন করতে হবে। এ ব্যবস্থা ক্ষতিগ্রস্ত জনগণ যেন সহজে গ্রহণ করতে পারে এবং এর জন্য যাতে তাদের কোনও অর্থ ব্যয়ের প্রয়োজন না হয় তা নিশ্চিত করতে হবে। অভিযোগ নিরসন প্রক্রিয়া সম্পর্কে ক্ষতিগ্রস্তদের যথাসময়ে সঠিক ও বিস্তারিতভাবে অবহিত করতে হবে।

উল্লেখ্য পৃষ্ঠা-৩

অভিযোগ নিরসন কমিটি ও নিষ্পত্তি প্রক্রিয়া:

অভিযোগ নিরসন প্রক্রিয়া ৩টি স্তরে বাস্তবায়িত হবে। সিটি কর্পোরেশন পর্যায়ে প্রাথমিক ও দ্বিতীয় স্তর এবং প্রকল্প পর্যায়ে তৃতীয় স্তর।

প্রাথমিক স্তর:

প্রাথমিক স্তরে থাকবে অভিযোগকারীর সহজে যোগাযোগের সুযোগ ও অভিযোগসমূহ দ্রুত সমাধানের ব্যবস্থা। এ স্তরে PIU-প্রধান সংশ্লিষ্ট PIU-এর একজন কর্মকর্তাকে ফোকাল পার্সন হিসেবে নিয়োজিত করবেন। ফোকাল পার্সন ক্ষতিগ্রস্তের অভিযোগ গ্রহণ এবং দ্রুত নিরসনের উদ্যোগ গ্রহণ করবেন। ক্ষতিগ্রস্তদের যোগাযোগের সুবিধার জন্য ফোকাল পার্সনের মোবাইল নম্বর উপ-প্রকল্প এলাকার গুরুত্বপূর্ণ স্থানে খুলিয়ে দিতে হবে। ক্ষতিগ্রস্ত ব্যক্তি/ব্যক্তিবর্গের কাছ থেকে লিখিত অভিযোগ প্রাপ্তির পর ফোকাল পার্সন বিষয়টি অবিলম্বে প্রাথমিক স্তরে গঠিত কমিটিতে (কমিটির কার্যপরিধির ২নং দায়িত্বের নিরিখে) উপস্থাপন করবেন।

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:

- (১) নির্বাহী প্রকৌশলী/সহকারী প্রকৌশলী, সংশ্লিষ্ট সিটি কর্পোরেশন সভাপতি
- (২) সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভগার্ড এক্সপার্ট) সদস্য
- (৩) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট সিটি কর্পোরেশন সদস্য-সচিব

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ গ্রহণ এবং পারস্পরিক আলোচনার ভিত্তিতে তা নিরসন করা,
- (২) অভিযোগকারীর অভিযোগ গ্রহণের ৭ দিনের মধ্যে অভিযোগ নিষ্পত্তিকরণের ব্যবস্থা করা,
- (৩) ভূমি এবং অবকাঠামো (Structures) অধিগ্রহণ, জীবিকা অর্জনের ওপর প্রভাব, প্রাপ্য ক্ষতিপূরণ (Entitlements) এবং বিভিন্ন সহযোগিতা সম্পর্কে ক্ষতিগ্রস্তদের অবহিত করা,
- (৪) অভিযোগকারী ব্যক্তির অভিযোগ সংক্রান্ত যাবতীয় তথ্যাবলী লিপিবদ্ধ করা,
- (৫) অভিযোগ নিষ্পত্তি সংক্রান্ত যাবতীয় রেকর্ড ও সভার কার্যবিবরণী যথাযথভাবে সংরক্ষণ এবং প্রকল্প ব্যবস্থাপক (PIU-প্রধান) এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা।

দ্বিতীয় স্তর:

প্রাথমিক স্তরে কোনো অভিযোগ অমীমাংসিত থাকলে প্রাথমিক সন্মানে গঠিত কমিটির সদস্য-সচিব (ফোকাল পার্সন) প্রকল্প ব্যবস্থাপক (PIU-প্রধান) - এর মাধ্যমে সিটি কর্পোরেশনে গঠিত দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি-এর নিকট অভিযোগটি লিখিতভাবে জানাবেন। মেয়রের লিখিত পত্র প্রাপ্তির পর দ্বিতীয় স্তরের অভিযোগ নিরসন প্রক্রিয়া শুরু হবে।

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:

- (১) প্রধান নির্বাহী কর্মকর্তা/সচিব, সংশ্লিষ্ট সিটি কর্পোরেশন সভাপতি
- (২) মেয়র এর প্রতিনিধি, সংশ্লিষ্ট সিটি কর্পোরেশন সদস্য
- (৩) ক্ষতিগ্রস্ত ব্যক্তিবর্গের প্রতিনিধি, সংশ্লিষ্ট সিটি কর্পোরেশন সদস্য
- (৪) স্থানীয় ভূমি রেজিস্ট্রি দপ্তরের প্রতিনিধি সদস্য
- (৫) পরিবেশ অধিদপ্তরের বিভাগীয় দপ্তরের প্রতিনিধি সদস্য
- (৬) নগর পরিকল্পনাবিদ, সংশ্লিষ্ট সিটি কর্পোরেশন সদস্য
- (৭) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট সিটি কর্পোরেশন সদস্য-সচিব

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) এ পর্যায়ে প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিদের সম্পদ অধিগ্রহণে (স্থায়ী/অস্থায়ী ভাবে) ক্ষতির পরিমাণ (শুধুমাত্র ভৌত পরিমাণ-Physical Quantity) নির্ধারণ এবং ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (২) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ পুনর্বাসন নীতিমালার আওতাভুক্ত হলে প্রকল্প কর্তৃপক্ষের মাধ্যমে ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (৩) ক্ষতিগ্রস্তদের অভিযোগসমূহ ধরণ অনুযায়ী বিন্যাস করে অগ্রাধিকার ভিত্তিতে ১ মাস সময়ের মধ্যে সমাধান করা,
- (৪) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং কমিটির সিদ্ধান্ত অভিযোগকারীকে অবহিত করা,
- (৫) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং নিরসন কমিটির সিদ্ধান্তসমূহ সিদ্ধান্তসমূহ প্রকল্প ব্যবস্থাপক (PIU-প্রধান), সিটি কর্পোরেশন এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা,
- (৬) অভিযোগ নিরসন কমিটি মাসে অন্তত: ২ বার সভায় বসবে। অমীমাংসিত অভিযোগের সংখ্যার ভিত্তিতে এবং প্রকল্প পরিচালকের সাথে আলোচনা করে মাসিক সভার সংখ্যা হ্রাস বা বৃদ্ধি করা যাবে।

চলমান পৃষ্ঠা-৪

তৃতীয় স্তর:

দ্বিতীয় স্তর পর্যায়ে স্থানীয় অভিযোগ নিরসন কমিটি-তে কোনো অভিযোগ অসমীয়াসিত থেকে গেলে প্রকল্প ব্যবস্থাপক (PIU-প্রধান) বিষয়টি দ্রুত প্রকল্প পরিচালক-কে অবহিত করবেন। প্রকল্প পরিচালক স্থানীয় অভিযোগ নিরসন কমিটির প্রতিবেদন ও সুপারিশসমূহের ভিত্তিতে PIU-প্রধান এর সাথে আলোচনা করে প্রকল্প পর্যায়ে গঠিত তৃতীয় স্তরের অভিযোগ নিরসন কমিটির কার্যক্রম শুরু করবেন।

তৃতীয় স্তরের প্রকল্প পর্যায়ের অভিযোগ নিরসন কমিটি:

- (১) প্রকল্প পরিচালক, সিআরডিপি-২-----সভাপতি
- (২) প্রতিনিধি, ভূমি মন্ত্রণালয় -----সদস্য
- (৩) প্রতিনিধি, পরিবেশ অধিদপ্তর-----সদস্য
- (৪) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট সিটি কর্পোরেশন-----সদস্য
- (৫) প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিগণের প্রতিনিধি-----সদস্য
- (৬) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা, সিআরডিপি-২ ----- সদস্য-সচিব

তৃতীয় স্তরের প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা অভিযোগ ও পূর্ববর্তী স্তরের সিদ্ধান্তসমূহ, প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটিতে উপস্থাপন করবেন,
- (২) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি অভিযোগ গ্রহণের ৭ দিনের মধ্যে সভা আহ্বান করবে,
- (৩) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি ১৫ দিনের মধ্যে সিদ্ধান্ত প্রদান করবে,
- (৪) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সভার সিদ্ধান্তসমূহ লিপিবদ্ধ করবে এবং সভার কার্যবিবরণী জারি করবে,
- (৫) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সিদ্ধান্ত বাস্তবায়নের অগ্রগতি পর্যালোচনাপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণ করবে।

(iii) এলজিইডি পর্যায়ে:

অভিযোগ নিরসন কমিটির প্রয়োজনীয়তা:

দ্বিতীয় নগর অঞ্চল উন্নয়ন প্রকল্প (সিআরডিপি-২) বাস্তবায়নের জন্য সম্পদ (স্বাবল/অস্বাবল) ক্ষতিগ্রস্ত হলে এবং ক্ষতিগ্রস্তদের পক্ষ থেকে কোন অভিযোগ উত্থাপিত হলে তা নিরসনের জন্য 'অভিযোগ নিরসন কমিটি' গঠনের বাধ্যবাধকতা রয়েছে। প্রকল্পের আওতায় উপ-প্রকল্পের কাজ বাস্তবায়নে কোনও ক্ষতিগ্রস্তের অভিযোগ উত্থাপিত হলে গঠিত 'অভিযোগ নিরসন কমিটি' অভিযোগ গ্রহণ ও নিষ্পত্তির ক্ষেত্রে কার্যকর ভূমিকা রাখবে। অভিযোগ নিষ্পত্তি প্রক্রিয়া প্রকল্পের সুরক্ষা (Safeguard) সংক্রান্ত শর্ত বাস্তবায়নের অংশ হিসেবে বিবেচিত হবে। এ প্রক্রিয়ায় ক্ষতিগ্রস্ত ব্যক্তি বা ব্যক্তিগণের অভিযোগ স্বচ্ছ এবং যথাসম্ভব স্বল্প সময়ের মধ্যে নিরসন করতে হবে। প্রক্রিয়াটি জেতার সংবেদনশীল ও সাংস্কৃতিক বৈষম্যহীনভাবে বাস্তবায়ন করতে হবে। এ ব্যবস্থা ক্ষতিগ্রস্ত জনগণ যেন সহজে গ্রহণ করতে পারে এবং এর জন্য যাতে তাদের কোনও অর্থ ব্যয়ের প্রয়োজন না হয় তা নিশ্চিত করতে হবে। অভিযোগ নিরসন প্রক্রিয়া সম্পর্কে ক্ষতিগ্রস্তদের যথাসময়ে সঠিক ও বিস্তারিতভাবে অবহিত করতে হবে।

অভিযোগ নিরসন কমিটি ও নিষ্পত্তি প্রক্রিয়া:

অভিযোগ নিরসন প্রক্রিয়া তিনটি স্তরে বাস্তবায়িত হবে। উপজেলা পর্যায়ে প্রাথমিক স্তর ও দ্বিতীয় স্তর এবং প্রকল্প পর্যায়ে তৃতীয় স্তর।

প্রথম স্তর:

এলজিইডি'র উপজেলা পর্যায়ে প্রাথমিক স্তরে থাকবে অভিযোগকারীর সহজে যোগাযোগের সুযোগ ও অভিযোগসমূহ দ্রুত সমাধানের ব্যবস্থা। এ স্তরে উপজেলা প্রকৌশলী তার দপ্তরের একজন উপ-সহকারী প্রকৌশলীকে ফোকাল পার্সন হিসেবে নিয়োজিত করবেন। ফোকাল পার্সন ক্ষতিগ্রস্তের অভিযোগ গ্রহণ এবং দ্রুত নিরসনের উদ্যোগ গ্রহণ করবেন। ক্ষতিগ্রস্তদের যোগাযোগের সুবিধার জন্য ফোকাল পার্সনের মোবাইল নম্বর উপ-প্রকল্প এলাকার গুরুত্বপূর্ণ স্থানে কুলিয়ে দিতে হবে। ক্ষতিগ্রস্ত ব্যক্তি/ব্যক্তিগণের কাছ থেকে লিখিত অভিযোগ প্রাপ্তির পর ফোকাল পার্সন বিষয়টি অবিলম্বে প্রাথমিক স্তরে গঠিত কমিটিতে (কমিটির কার্যপরিধি ২নং দায়িত্বের নিরিখে) উপস্থাপন করবেন।

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:

- (১) উপজেলা প্রকৌশলী/ উপজেলা সহকারী প্রকৌশলী, সংশ্লিষ্ট উপজেলা ----- সভাপতি
- (২) সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভগার্ড এক্সপার্ট)----- সদস্য
- (৩) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট উপজেলা ----- সদস্য-সচিব

চলমান পৃষ্ঠা-৫

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ গ্রহণ এবং পারস্পরিক আলোচনার ভিত্তিতে তা নিরসন করা,
- (২) অভিযোগকারীর অভিযোগ গ্রহণের ৭ দিনের মধ্যে অভিযোগ নিষ্পত্তিকরণের ব্যবস্থা করা,
- (৩) ভূমি এবং / অথবা অবকাঠামো (Structures) অধিগ্রহণ, জীবিকা অর্জনের ওপর প্রভাব, প্রাপ্তব্য ক্ষতিপূরণ (Entitlements) এবং বিভিন্ন সহযোগিতা সম্পর্কে ক্ষতিগ্রস্তদের অবহিত করা,
- (৪) অভিযোগকারী ব্যক্তির অভিযোগ সংক্রান্ত যাবতীয় তথ্যাবলী লিপিবদ্ধ করা,
- (৫) অভিযোগ নিষ্পত্তি সংক্রান্ত যাবতীয় রেকর্ড ও সত্যকার্যবিবরণী যথাযথভাবে সংরক্ষণ এবং উপজেলা প্রকৌশলী কর্তৃক নির্বাহী প্রকৌশলী, এলজিইডি, সংশ্লিষ্ট জেলা - এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা।

দ্বিতীয় স্তর:

প্রাথমিক স্তরে কোনো অভিযোগ অমীমাংসিত থাকলে উপজেলা প্রকৌশলী উপজেলা পর্যায়ে গঠিত দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি-এর নিকট অভিযোগটি দ্রুত লিখিতভাবে জানাবেন। উপজেলা প্রকৌশলীর লিখিত পত্র প্রাপ্তির পর দ্বিতীয় স্তরের অভিযোগ নিরসন প্রক্রিয়া শুরু হবে।

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি:

- (১) উপজেলা নির্বাহী কর্মকর্তা, সংশ্লিষ্ট উপজেলা ----- সভাপতি
- (২) উপজেলা নির্বাহী কর্মকর্তা এর প্রতিনিধি, সংশ্লিষ্ট উপজেলা ----- সদস্য
- (৩) ক্ষতিগ্রস্ত ব্যক্তিবর্গের প্রতিনিধি, সংশ্লিষ্ট উপজেলা ----- সদস্য
- (৪) স্থানীয় ভূমি রেজিস্ট্রি দপ্তরের প্রতিনিধি ----- সদস্য
- (৫) পরিবেশ অধিদপ্তরের বিভাগীয় দপ্তরের প্রতিনিধি ----- সদস্য
- (৬) এলজিইডি'র নির্বাহী প্রকৌশলীর দপ্তরের প্রতিনিধি, সংশ্লিষ্ট জেলা ----- সদস্য
- (৭) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা, সংশ্লিষ্ট উপজেলা ----- সদস্য-সচিব

দ্বিতীয় স্তরে স্থানীয় অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) এ পর্যায়ে প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিদের সম্পদ অধিগ্রহণে (স্থায়ী/অস্থায়ীভাবে) ক্ষতির পরিমাণ (শুধুমাত্র ভৌত পরিমাণ- Physical Quantity) নির্ধারণ এবং ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (২) ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ পুনর্বাসন নীতিমালার আওতাভুক্ত হলে প্রকল্প কর্তৃপক্ষের মাধ্যমে ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- (৩) ক্ষতিগ্রস্তদের অভিযোগসমূহ ধরণ অনুযায়ী বিন্যাস করে অগ্রাধিকার ভিত্তিতে ১ মাস সময়ের মধ্যে সমাধান করা,
- (৪) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং কমিটির সিদ্ধান্ত অভিযোগকারীকে অবহিত করা,
- (৫) অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং নিরসন কমিটির সিদ্ধান্তসমূহ উপজেলা নির্বাহী কর্মকর্তা- এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা,
- (৬) অভিযোগ নিরসন কমিটি মাসে অন্তত: ২ বার সভায় বসবে। অমীমাংসিত অভিযোগের সংখ্যার ভিত্তিতে এবং প্রকল্প পরিচালকের সাথে আলোচনা করে মাসিক সভার সংখ্যা হ্রাস বা বৃদ্ধি করা যাবে।

তৃতীয় স্তর:

দ্বিতীয় স্তর পর্যায়ে স্থানীয় অভিযোগ নিরসন কমিটি-তে কোনো অভিযোগ অমীমাংসিত থেকে গেলে নির্বাহী প্রকৌশলী, সংশ্লিষ্ট জেলা বিষয়টি দ্রুত প্রকল্প পরিচালককে অবহিত করবেন। প্রকল্প পরিচালক স্থানীয় অভিযোগ নিরসন কমিটির প্রতিবেদন ও সুপারিশসমূহের ভিত্তিতে নির্বাহী প্রকৌশলীর সঙ্গে আলোচনা করে প্রকল্প পর্যায়ে গঠিত তৃতীয় স্তরে অভিযোগ নিরসন কমিটির কার্যক্রম শুরু করবেন।

তৃতীয় স্তরের প্রকল্প পর্যায়ের অভিযোগ নিরসন কমিটি:

- (১) প্রকল্প পরিচালক, সিআরডিপি-২ ----- সভাপতি
- (২) প্রতিনিধি, ভূমি মন্ত্রণালয় ----- সদস্য
- (৩) প্রতিনিধি, পরিবেশ অধিদপ্তর ----- সদস্য
- (৪) পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, সংশ্লিষ্ট উপজেলা ----- সদস্য
- (৫) প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিবর্গের প্রতিনিধি ----- সদস্য
- (৬) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা, সিআরডিপি-২ ----- সদস্য-সচিব

চলমান পৃষ্ঠা-৬

তৃতীয় স্তরের প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির কার্যপরিধি:

- (১) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা অভিযোগ ও পূর্ববর্তী স্তরের সিদ্ধান্তসমূহ প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটিতে উপস্থাপন করবেন,
- (২) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি অভিযোগ গ্রহণের সাত দিনের মধ্যে সভা আহ্বান করবে, প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি পনেরো দিনের মধ্যে সিদ্ধান্ত প্রদান করবে,
- (৩) প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটি পনেরো দিনের মধ্যে সিদ্ধান্ত প্রদান করবে,
- (৪) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সভার সিদ্ধান্তসমূহ লিপিবদ্ধ করবেন এবং সভার কার্যবিবরণী জারি করবে,
- (৫) পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা প্রকল্প পর্যায়ে অভিযোগ নিরসন কমিটির সিদ্ধান্ত বাস্তবায়নের অগ্রগতি পর্যালোচনাপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণ করবে।

৯/৬/২০২০
(জেসমিন শরতীন)
উপসচিব
ফোন: ৯৫৭৫৫৬৭

বিতরণ (কার্যার্থে):

- ১। সচিব, ভূমি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (একজন উপযুক্ত প্রতিনিধি প্রেরণের অনুরোধসহ);
- ২। মহাপরিচালক, পরিবেশ অধিদপ্তর, আগারগাঁও, ঢাকা (বিভাগীয় কার্যালয়ের একজন উপযুক্ত প্রতিনিধি সংশ্লিষ্ট অভিযোগ নিরসন কমিটিতে প্রেরণের অনুরোধসহ);
- ৩। প্রধান প্রকৌশলী, স্থানীয় সরকার প্রকৌশল অধিদপ্তর, আগারগাঁও, ঢাকা;
- ৪। প্রধান নির্বাহী কর্মকর্তা/সচিব,সিটি কর্পোরেশন.....;
- ৫। পরিচালক, বিভাগীয় কার্যালয়, পরিবেশ অধিদপ্তর,বিভাগ;
- ৬। মেয়র,পৌরসভা.....জেলা (একজন উপযুক্ত প্রতিনিধি প্রেরণের অনুরোধসহ);
- ৭। প্রকল্প পরিচালক, সিআরডিপি, এলজিইডি, আগারগাঁও, ঢাকা;
- ৮। উপজেলা নির্বাহী অফিসার,উপজেলা.....জেলা;
- ৯। প্রধান নির্বাহী কর্মকর্তা/সচিব,পৌরসভা.....জেলা;
- ১০। নির্বাহী প্রকৌশলী/সহকারী প্রকৌশলী,সিটি কর্পোরেশন.....;
- ১১। পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা,সিটি কর্পোরেশন.....;
- ১২। নগর পরিকল্পনাবিদ,সিটি কর্পোরেশন.....;
- ১৩। নির্বাহী প্রকৌশলী/সহকারী প্রকৌশলী,পৌরসভা.....জেলা;
- ১৪। সেক পার্ট এন্ডপার্ট, এমডিএস কনসালটেন্ট;
- ১৫। পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা,পৌরসভা.....জেলা;
- ১৬। সাব-রেজিস্ট্রার, স্থানীয় ভূমি রেজিস্ট্রি দপ্তর (একজন উপযুক্ত প্রতিনিধি প্রেরণের অনুরোধসহ);
- ১৭। নগর পরিকল্পনাবিদ,পৌরসভা.....জেলা;
- ১৮। পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা,সিটি কর্পোরেশন.....;
- ১৯। প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিবর্গের একজন প্রতিনিধি;
- ২০। পরিবেশ/পুনর্বাসন সুরক্ষা কর্মকর্তা, সিআরডিপি, এলজিইডি, আগারগাঁও, ঢাকা;
- ২১। পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা,সিটি কর্পোরেশন.....;
- ২২। উপজেলা প্রকৌশলী/সহকারী প্রকৌশলী,উপজেলা.....জেলা;
- ২৩। পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা,উপজেলা.....জেলা।

স্মারক নং- ৪৬.০৬৮.০০৫.০০.০০.০১৮.২০২০-৪৫৫

তারিখ: ২৪ জ্যৈষ্ঠ ১৪২৭
০৭ জুন ২০২০

অনুলিপি:

- ১। মাননীয় মন্ত্রীর একান্ত সচিব, স্থানীয় সরকার, পল্লী উন্নয়ন ও সমবায় মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ২। সিনিয়র সচিব মহোদয়ের একান্ত সচিব, স্থানীয় সরকার বিভাগ, বাংলাদেশ সচিবালয়, ঢাকা।
- ৩। অফিস কপি/মাণ্ডার কপি।

৯/৬/২০২০
(জেসমিন শরতীন)
উপসচিব

English Translation of GRC Formation Office Order

Peoples Republic of Bangladesh
Local Government, Rural Development & Cooperatives Ministry
Local Government Division
Development 2 Branch
www.lgd.gov.bd

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Jaistha, 1427

Ref: 46.068.005.00.018.2020.455

Date:-----

07 June, 2020

Office Order

Under the Second City Region Development Project, where LGED is the implementing/executing agency, Grievance Redress Committees (GRCs) have been formed at Pourashava, City Corporation and LGED levels to redress the reported grievances resulting from the subproject implementation. These Committees are to redress the reported grievances in a procedural basis and it is being done in a quick and timely fashion.

(i) At Pourashava Level:

Grievance Redress Committee (GRC) and Grievance Redress Mechanism (GRM):

The GRM will be implemented in three levels. First and Second Levels shall involve at Pourashava and the Third at Project Level.

First Level: The first level and most accessible and immediate venue for the fastest resolve of grievances is the PIU. At this level, PIU Head (Mayor of Pourashava) shall appoint/nominate an Officer from the concerned PIU as Focal Person. The Focal Person will document the grievances of the affected persons and will take initiative for quick resolution. The contact cell phone number of the Focal Person will be posted at important places of the project areas. After receiving the written complaints from the project affected person/s, the Focal Person shall immediately place it to the First Level Committee (as per committee's work-clause No. 2).

First Level Grievance Redressal committee (at Local Level):

- 1) Executive Engineer/Assistant Engineer of concerned PIU-----Chairman
- 2) Consultant of CRDP-II (Safeguard Expert/Specialist-----Member
- 3) Environmental/Social Safeguard Focal Officer of concerned PIU-----Member Secretary

Scope of Work of First Level Grievance Redressal Committee (at Local Level)

- 1) Document the grievances of affected persons (AP) and resolved these through continuous interactions,
- 2) Once the grievances of AP is received/reported, these to be resolved within 7 (seven) days of receipt of the complaint,
- 3) Make aware the APs regarding land acquisition, structures acquisition, livelihood impacts, entitlements, and various assistances related to the above,
- 4) All grievances will be documented with full information of the person and issue,
- 5) Resolved grievances and other related records and minutes of meeting are to preserve properly, and make the Project Director aware this through the Mayor.

Second Level: If the grievance remains unresolved at First Level of Pourashava, the Member Secretary (Focal Person/Officer) of the First Level, through the Mayor, shall refer the case/issue with written documentation to the Second Level GRC formed at Pourashava Level. The Mayor, after receiving a written letter containing the above fact, shall activate the Second Level of the GRM.

Second Level Grievance Redressal committee (at Local Level):

- 1) Chief Executive Officer/Secretary of concerned Pourashava-----Chairman
- 2) Representative of the Mayor of concerned Pourashava-----Member
- 3) Representative of Affected Persons of concerned Pourashava -----Member
- 4) Official Representative of the land registry department-----Member
- 5) Official Representative of the DOE Divisional Office-----Member

- 6) Town planner of the Pourashava or City Corporation-----Member
- 7) Environmental/social safeguard Focal Officer of concerned Pourashava-----Member

Scope of Work of Second Level Grievance Redressal Committee (at Local Level)

- 1) Provide support to affected persons on problems arising from land acquisition (temporary or permanent), asset acquisition and eligibility for entitlements, compensation and assistance,
- 2) If any affected person's claim of loss is valid under the context of statutory laws pertaining to relocation, the committee must help the complainant in being recompensed by the project authority,
- 3) Record grievances of affected persons, categorize and prioritize them and provide solutions within 30 days from receipt of grievance from the first level,
- 4) Report to the aggrieved parties about developments regarding their grievances and decisions of the GRC,
- 5) The progress of resolve and decisions made by GRC related to the grievances of the complainant must be informed to the PD through the Mayor of the Pourashova,
- 6) The GRC must hold at least two meetings a month. The number of meetings held may be increased or decreased based on the existing number of unresolved cases and making discussion with the PD.

Third Level: Should the grievance still remain unresolved, the Project Manager (the Mayor) of concerned Pourashava will activate the third level of the GRM by informing quickly the Project Director who will, based on review of the local GRC minutes and consultation with the local GRC Chair (the Mayor), activate the Third Level GRC.

Third Level Grievance Redressal committee (at Project Level):

- 1) Project Director, CRDP-II Secretary of concerned Pourashava-----Chairman
- 2) Representative from Land Ministry -concerned Pourashava-----Member
- 3) Representative from Department of Environment (DOE)-----Member
- 4) Environmental/social safeguard Focal Officer of concerned Pourashava-----Member
- 5) Representative of Affected Persons of concerned Pourashava-- ----- Member
- 6) Environmental/social safeguard Focal Officer from CRDP-II-----Member Secretary

Scope of Work of Third Level Grievance Redressal Committee at Project Level

- 1) The Environmental and/or Social Safeguards Officer of the PMCU will be responsible for processing and placing all papers related to the grievances and earlier decisions before the Project Level GRC
- 2) A meeting shall be convened within 7 (seven) days just after receiving the complaint at the Project Level,
- 3) The GRC at Project Level will conveyed decision within 15 (fifteen) days of the receipt of the complaint,
- 4) Environment/Social Safeguard Officer at Project Level shall record the decisions taken at the GRC meeting and issuing minutes of the meeting/s,
- 5) Environment/Social Safeguard Officer at Project Level, after discussion with, shall take necessary actions regarding the progress of the implementation of the decisions taken by the GRC

(ii) At City Corporation Level:

Necessity of Grievance Redressal Committee (GRC)

During the implementation of CRDP-II, if any private property/asset (temporary/permanent) gets damaged and if any grievances are raised by the affected persons, then in order to resolve such issues, it becomes mandatory/ compulsory to form a GRC at City Corporation Level. The formed GRC would play an effective role in receiving and resolving the grievances/complaints raised by the affected persons that may cause from the implementation of projects and subprojects of the City

Corporation. The process of resolving so and so complaints would be considered as a part of policies relating to safeguard of the project. In this process, the grievances of aggrieved person or persons must be addressed and resolved in a transparent and timely manner. The process to be implemented should not be gender sensitive and should be free from any cultural biases. It should be ensured that in this form of resolve, the affected persons can easily accept the process of achieving the resolve and they do not require spending any money for it. The affected persons must gradually be given accurate and elaborate information on this process of grievances redressing.

Grievance Redressal Committee and Settlement Process

The grievances redress process will be implemented at 3 (three) levels. The First and Second Levels will be addressed at City Corporation Level and the Third at Project Level.

First Level: At the First Level, the complainant/AP shall have easy accessibility to the venue and a fastest resolve of grievances system. In this stage, the PIU Head shall appoint an Officer of the concerned PIU as a focal person of the project. The focal person will receive complaints from the victims and make an effort for prompt grievance redress. In order to provide ease of communication, the focal person's mobile number needs to be put up in an important place of the project area. Upon receipt of a written complaint/s from the victim or persons, the Focal Person shall immediately refer the matter to the committee formed at the primary level (as per scope of work no. 2 of the Committee in terms of responsibility)

First Level Local Grievance Redressal committee

- 1) Executive Engineer/Assistant Engineer of concerned City Corporation-----Chairman
- 2) Project Consultant (Safeguard Expert) of CRDP-II-----Member
- 3) Environmental/Social Safeguard Focal Person of concerned City Corporation----- Member Secretary

Scope of work of the First Level Grievance Redressal Committee (at Local Level)

- 1) Upon receipt of the complaints from the affected/aggrieved person, grievances are being resolved through discussions
- 2) Once the grievances of AP is received/reported, these are to be resolved within 7 (seven) days of receipt of the complaint,
- 3) Inform the affected persons about land acquisition, structures acquisition, livelihood impacts, entitlements, and about various assistance/collaboration,
- 4) All the information related to the complaint of the complainant is recorded,
- 5) To preserve properly all records and minutes of meetings related to grievance redressal and inform the Project Director through the Project Manager (Head of PIU).

Second Level: If the grievance remains unresolved at First Level, the Member Secretary (Focal Person/Officer) of the First Level, through the Project Manager (Head of PIU) shall refer the case/issue with written documentation to the Second Level GRC formed at City Corporation Level. The Mayor, after receiving a written letter containing the above fact, shall activate the Second Level of the GRM.

Second Level Grievance Redressal committee (at Local Level):

- 1) Chief Executive Officer/Secretary of concerned City Corporation -----
Chairman
- 2) Representative of the Mayor of concerned City Corporation -----
Member
- 3) Representative of Affected Persons of concerned City Corporation-----
Member
- 4) Official Representative of the land registry department-----
Member
- 5) Official Representative of the DOE Divisional Office-----
Member
- 6) Town planner of the Pourashava or City Corporation-----
Member

- 7) Environmental/social safeguard Focal Officer of concerned City Corporation -----
Member

Scope of Work of Second Level Grievance Redressal Committee (at Local Level)

- 1) Provide support to affected persons on problems arising from land acquisition (temporary or permanent), asset acquisition and eligibility for entitlements, compensation and assistance,
- 2) If any affected person's claim of loss is valid under the context of statutory laws pertaining to relocation, the committee must help the complainant in being recompensed by the project authority
- 3) Record grievances of affected persons, categorize and prioritize them and provide solutions within 30 days from receipt of grievance from the first level
- 4) Report to the aggrieved parties about developments regarding their grievances and decisions of the GRC.
- 5) The progress of resolve and decisions made by GRC related to the grievances of the complainant must be informed to the PD through the Project Manager (Head of PIU) of City Corporation.
- 6) The GRC must hold at least two meetings a month. The number of meetings held may be increased or decreased based on the existing number of unresolved cases and making discussion with the PD.

Third Level: Should the grievance still remain unresolved at second level, the Project Manager (Head of PIU) will inform the Project Director quickly. The Project Director will activate the third level of the GRC at the project level based on review of the local GRC minutes and consultation with the Head of PIU.

Third Level Grievance Redressal committee (at Project Level):

- 1) Project Director, CRDP-II -----Chairman
- 2) Representative from Land Ministry -----Member
- 3) Representative from Department of Environment (DOE)-----Member
- 4) Environmental/social safeguard Focal Officer of concerned Pourashava-----Member
- 5) Representative of Affected Persons ----- Member
- 6) Environmental/social safeguard Focal Officer from CRDP-II-----Member Secretary

Scope of Work of Third Level Grievance Redressal Committee at Project Level

- 1) The Environmental and/or Social Safeguards Officer of the PMCU will be responsible for processing and placing all papers related to the grievances and earlier decisions before the Project Level GRC
- 2) A meeting shall be convened within 7 (seven) days just after receiving the complaint at the Project Level,
- 3) The GRC at Project Level will conveyed decision within 15 (fifteen) days of the receipt of the complaint,
- 4) Environment/Social Safeguard Officer at Project Level shall record the decisions taken at the GRC meeting and issuing minutes of the meeting/s,
- 5) Environment/Social Safeguard Officer at Project Level, after discussion with, shall take necessary actions regarding the progress of the implementation of the decisions taken by the GRC

(iii) At LGED Level:

Necessity of Grievance Redressal Committee (GRC)

During the implementation of CRDP-II, if any private property/asset (temporary/permanent) gets damaged and if any grievances are raised by the affected persons, then in order to resolve such issues, it becomes mandatory/ compulsory to form a GRC. The formed GRC would play an effective role in receiving and resolving the grievances/complaints raised by the affected persons that may cause from the implementation of projects and subprojects. The process of resolving so and so

complaints would be considered as a part of policies relating to safeguard of the project. In this process, the grievances of aggrieved person or persons must be addressed and resolved in a transparent and timely manner. The process to be implemented should not be gender sensitive and should be free from any cultural biases. It should be ensured that in this form of resolve, the affected persons can easily accept the process of achieving the resolve and they do not require spending any money for it. The affected persons must gradually be given accurate and elaborate information on this process of grievances redressing.

Grievance Redressal Committee and Settlement Process

The grievances redress process will be implemented at 3 (three) levels. The First and Second Levels will be addressed at Upazila Level and the Third at Project Level.

First Level: At the First Level, the complainant/AP shall have easy accessibility to the venue and a fastest resolve of grievances system. In this stage, the Upazila Engineer shall appoint a Sub Assistant Engineer of the concerned PIU as a focal person of the project. The focal person will receive complaints from the victims and make an effort for prompt grievance redress. In order to provide ease of communication, the focal person's mobile number needs to be put up in an important place of the project area. Upon receipt of a written complaint/s from the victim or persons, the Focal Person shall immediately refer the matter to the committee formed at the primary level (as per scope of work no. 2 of the Committee in terms of responsibility)

First Level Local Grievance Redressal committee

- 1) Executive Engineer/Assistant Engineer of concerned City Corporation-----Chairman
- 2) Project Consultant (Safeguard Expert) of CRDP-II-----Member
- 3) Environmental/Social Safeguard Focal Person of concerned City Corporation-----Member-Secretary

Scope of work of the First Level Grievance Redressal Committee (at Local Level)

- 1) Upon receipt of the complaints from the affected/aggrieved person, grievances are being resolved through discussions,
- 2) Once the grievances of AP is received/reported, these are to be resolved within 7 (seven) days of receipt of the complaint,
- 3) Inform the affected persons about land acquisition, structures acquisition, livelihood impacts, entitlements, and about various assistance/collaboration,
- 4) All the information related to the complaint of the complainant is recorded,
- 5) To preserve properly all records and minutes of meetings related to grievance redressal and inform the Project Director by the Upazila Engineer through the Executive Engineer, LGED, of concerned district.

Second Level: If any complaint is unresolved at the primary level, the Upazila Engineer will report the complaint in writing to the second level local grievance redressal committee formed at the upazila level. After receiving the written letter from the Upazila Engineer, the second level grievance redressal process will start.

Second level local grievance redressal committee

- 1) Upazila Nirbahi (Executive) Officer-----Chairman
- 2) Representative of Upazila Nirbahi (Executive) Officer of concerned Upazila-----Member
- 3) Representative of aggrieved/affected person of concerned City Corporation-----Member
- 4) Representative of the local Land Registry Office-----Member
- 5) Representative of Divisional DOE Office-----Member
- 6) Representative of Office of Executive Engineer of concerned District-----Member
- 7) Environmental/Social Safeguard Officer of concerned District-----Member Secretary

Scope of the second level local grievance redressal committee

- 1) At this stage, it is to assess the amount of loss (physical quantity only) in the acquisition of assets (permanent / temporary) of the affected persons in the project, and to assist in obtaining compensation
- 2) To assist in obtaining compensation from the project authorities, if the victim's complaint is covered by the Rehabilitation Policy,
- 3) To resolve the grievances of the victims/AP on priority basis by sorting them according to type within 1 month,
- 4) To inform the complainant about the progress of the complaint and the decision of the committee,
- 5) To inform the Project Director through the Upazila Nirbahi (Executive) Officer about the progress of the complainant's complaint and the decisions of the Redressal Committee.
- 6) The grievance redressal committee will meet at least twice a month. The number of monthly meetings can be reduced or increased based on the number of unresolved complaints and in consultation with the Project Director.

Third Level: In the second stage, if any grievance remains unresolved in the local grievance redressal committee, the Executive Engineer of concerned District will immediately inform the project director. The Project Director will initiate the activities of the third level grievance redressal committee formed at the project level in consultation with the Executive Engineer on the basis of the report and recommendations of the local grievance redressal committee.

Third level local grievance redressal committee

- 1) The Project Director of CRDP-II -----
Chairman
- 2) Representative of Land Ministry-----
Member
- 3) Representative of Department of environment-----
Member
- 4) Environmental/Social Safeguard Focal Person, concerned Upazila-----Member
- 5) Representative of Project Affected Persons-----
Member
- 6) Environmental/Social Safeguard Focal Person, CRDP-II-----Member-Secretary

Scope of the Third Level local grievance redressal committee

- 1) The Environment / Social Safeguard Officer will present the grievances and previous level decisions to the grievance redressal committee.
- 2) At the Project Level, the grievance redressal committee will convene a meeting within 7 days of receiving the grievance
- 3) At the Project Level, the grievance redressal committee will provide decision within 15 days
- 4) The Environment / Social Safeguard Officer, at the Project Level, will record the decisions of the grievance redressal committee meeting and issue the minutes of the meeting.
- 5) The Environmental / Social Safeguard Officer, at the Project Level, will take necessary steps after discussing the progress of implementation of the decision of the grievance redressal committee.

Signature

(Jesmin Parvin)
Deputy Secretary
Phone: 9575567

Distribution (in action)

- 1) Secretary, Land Ministry, Bangladesh Secretariate, Dhaka (With a request to send a suitable representative)
- 2) Director General, Department of Environment, Agargaon, Dhaka (With the request to send a suitable representative of the Divisional Office to the concerned grievance redressal committee)
- 3) Chief Engineer, Local Government Engineering Department, Agargaon, Dhaka
- 4) Chief Executive Officer/Secretary, ----- City Corporation-----
- 5) Director, Divisional Office, Department of Environment, -----Division
- 6) Mayor,-----Pourashava-----District (With a request to send a suitable representative)
- 7) Project Director, CRDP-II, Local Government Engineering Department, Agargaon, Dhaka
- 8) Upazila Nirbahi Officer, -----Upazila-----District
- 9) Chief Executive Officer/Secretary, -----Pourashava-----District
- 10) Executive Engineer/Assistant Engineer-----City Corporation-----
-
- 11) Environmental/Social Safeguard Officer-----City Corporation-----
-
- 12) Urban Planner,-----City Corporation-----
-
- 13) Executive Engineer/Assistant Engineer-----Pourashava-----District
- 14) Safeguard Expert, MDS Consultant
- 15) Environmental/Social Safeguard Officer-----Pourashava-----District
- 16) Sub Register, Local Land Registry Office (With a request to send a suitable representative)
- 17) Urban Planner-----Pourashava-----District
- 18) Environmental/Social Safeguard-----City Corporation-----
- 19) Representative from project affected persons
- 20) Environmental/Resettlement Safeguard Officer, CRDP-II, LGED, Dhaka
- 21) Environmental/Social Safeguard Officer-----City Corporation-----
- 22) Upazila Engineer/Assistant Engineer-----Upazila-----District
- 23) Environmental/Social Safeguard Officer-----Upazila-----District

Reference no.-46.068.005.00.00.018.2020.455

Date: 24 Jaistha 1427
07 June 2020

Copy to :

1. Private Secretary to the Hon'ble Minister, Ministry of Local Government, Rural Development and Cooperatives, Bangladesh Secretariat, Dhaka
2. Private Secretary to Senior Secretary, Department of Local Government, Bangladesh Secretariat, Dhaka
3. Office Copy / Master Copy

Signature

(Jesmin Parvin)
Deputy Secretary

Appendix 4: 1.Sample Filled-in EMP compliance monitoring checklist

Sl No.	Environmental Issues / Aspects		Status of compliance			Remarks (i.e. specify location, site conditions, problem observed, possible cause of nonconformity and / or proposed corrective/ preventative actions)
			Yes	NO	N/A	
7	Public Safety	Notify the community people about the construction activities in the areas	✓			Safety singness provide in work area.
		Installation of dedicated pathways for pedestrians	✓			
		Installation of Regulatory safety signs and signals	✓			
		Limitation of construction vehicles at public roads during peak hours	✓			
8	Protection of Cultural/Archaeological Properties	Providing measures to protect cultural properties			✓	No cultural property near work.
9	Water Supply	Providing construction camps /site office with potable water through installing tube wells	✓			
		Ensuring that there are no tube wells sitting near any sanitation facilities as to avoid water pollution.	✓			
		Maintaining the distance of water source (ground /surface water from a soak pit at minimum 15m	✓			
		Maintaining the drainage from the tube well diverting into the drainage system of the camp area.	✓			
10	Sanitation	Providing suitable sanitation facilities for the workforce.	✓			No labour accommodation in camp
		Ensuring the location plan of the latrine at least 50 meter away from the accommodation facility.			✓	
		Providing separate latrines for the use of women.			✓	
		Installing treatment facilities (i.e. septic tank, soak pits etc.) for sewerage of toilet and camp site wastes.	✓			
		Arranging disposal of wastewater from washrooms, kitchens, etc. via the camp area's drainage system.	✓			
11	Waste	Provision of containers to store separately non-hazardous/hazardous solid waste	✓			Dispose in city corporation disposal area.
		Proper disposal of generated wastes at approved disposal sites	✓			
12	Dust Control	Covering or wetting of dusty materials	✓			
		Dust suppression by wetting surfaces	✓			
		Impose speed limits	✓			
13	Water and Hydrology	Preventing wastes, soil, etc. entering in the water system by waste collection, revegetation and dust suppression etc.	✓			
14	Flora and Fauna	Agreeing with local authorities on tree felling			✓	
		Avoid/prevent un-necessary tree/vegetation cutting and clearing			✓	
		Ensuring sufficient free flow in the construction work for fish migration			✓	

Sl No.	Environmental Issues / Aspects		Status of compliance			Remarks (i.e. specify location, site conditions, problem observed, possible cause of nonconformity and / or proposed corrective/ preventative actions)
			Yes	NO	N/A	
		Prevent disturbance of animals			✓	
15	Complaints and Environmental Incidents	Complaints received from the public or other stakeholders will be registered and recorded and be brought to the attention of the Site Engineer.			✓	No complain receive.
		All environmental incidents occurring on the site will be recorded and be brought to the attention of the Site Engineer.	✓			No environmental incident occur.
		Action will be taken within 7 working days.			✓	

Certified that the furnished information is correct and the quality of work as per good practice


 07.12.21
 PDS Consultant/Site Supervision
 Engineer


 07.12.21
 Environmental Officer (PIU)


 07.12.21
 Contractor's Health & Safety Officer

Table: Site-specific EMP Compliance Status

EMP Compliance Checklist Second City Region Development Project (CRDP-II) Package Name:CRDP-II/LGED/NARAYANGANJ/RUPGANJ/NCB-2018/W-02			Date:December -2021			
Sl No.	Environmental Issues / Aspects		Status of compliance			Remarks (Le. specify location, site conditions, problem observed, possible cause of nonconformity and / or proposed corrective/ preventative actions)
			Yes	NO	N/A	
1	Construction camps	Obtaining approval	✓			
		Erection of signboard in Bangla and English with project details	✓			
		Install accommodation facilities for workers			✓	All local labor.
		Drainage channels installation	✓			Rain water discharge.
		Supply of safe drinking water	✓			separate and separate area for human body waste dispose.
		Supply of adequate sanitation	✓			
2	Deployment of Environment and Safety Supervisor	Deployment one full-time Environment health and Safety officer by the contractor to oversee and comply environmental safeguards	✓			
3	Fuel storage areas	Install hardstand/raised platform with polyethylene on the top	✓			
		Firefighting equipment installation	✓			
		Regular checks on physical condition	✓			
4	Access road construction	Obtaining approval			✓	Govt.road around two site of base camp.
		Construction of culverts if needed			✓	
5	Earthworks	Agreeing on disposal of spoil earth/soils			✓	We purchase earth for repair road area.
		Prevention of erosion/dust due to transporting /carrying earth	✓			
6	Workers' Health and safety	Development of Health and Safety Plan	✓			
		Train all staff in health and safety	✓			
		Considering prevention and control of COVID-19 at worksite	✓			
		Provision of PPE (gloves, masks, helmets, gum boots, goggles etc.) and ensuring their use	✓			
		Installation of first aid facilities at work site/camps with adequate stock	✓			
		Provide separate sanitation facilities for male & female if needed	✓			
		Provision of safe drinking water to work force (arsenic free)	✓			

Sl No.	Environmental Issues / Aspects		Status of compliance			Remarks (i.e. specify location, site conditions, problem observed, possible cause of nonconformity and / or proposed corrective/ preventative actions)
			Yes	NO	N/A	
7	Public Safety	Notify the community people about the construction activities in the areas	✓			Safety singness provide in work area.
		Installation of dedicated pathways for pedestrians	✓			
		Installation of Regulatory safety signs and signals	✓			
		Limitation of construction vehicles at public roads during peak hours	✓			
8	Protection of Cultural//Archaeological Properties	Providing measures to protect cultural properties			✓	No cultural property near work.
9	Water Supply	Providing construction camps /site office with potable water through installing tube wells	✓			
		Ensuring that there are no tube wells sitting near any sanitation facilities as to avoid water pollution.	✓			
		Maintaining the distance of water source (ground /surface water from a soak pit at minimum 15m.	✓			
		Maintaining the drainage from the tube well diverting into the drainage system of the camp area.	✓			
10	Sanitation	Providing suitable sanitation facilities for the workforce.	✓			No labour accommodation in camp
		Ensuring the location plan of the latrine at least 50 meter away from the accommodation facility.			✓	
		Providing separate latrines for the use of women.			✓	
		Installing treatment facilities (i.e. septic tank, soak pits etc.) for sewerage of toilet and camp site wastes.	✓			
		Arranging disposal of wastewater from washrooms, kitchens, s, etc. via the camp area's drainage system.	✓			
11	Waste	Provision of containers to store separately non-hazardous/hazardous solid waste	✓			Dispose in city corporation disposal area.
		Proper disposal of generated wastes at approved disposal sites	✓			
12	Dust Control	Covering or wetting of dusty materials	✓			
		Dust suppression by wetting surfaces	✓			
		Impose speed limits	✓			
13	Water and Hydrology	Preventing wastes, soil, etc. entering in the water system by waste collection, revegetation and dust suppression etc.	✓			
14	Flora and Fauna	Agreeing with local authorities on tree felling			✓	
		Avoid/prevent un-necessary tree/vegetation cutting and clearing			✓	
		Ensuring sufficient free flow in the construction work for fish migration			✓	

Sl No.	Environmental Issues / Aspects		Status of compliance			Remarks (i.e. specify location, site conditions, problem observed, possible cause of nonconformity and / or proposed corrective/ preventative actions)
			Yes	NO	N/A	
		Prevent disturbance of animals			✓	
15	Complaints and Environmental Incidents	Complaints received from the public or other stakeholders will be registered and recorded and be brought to the attention of the Site Engineer.			✓	No complain receive.
		All environmental incidents occurring on the site will be recorded and be brought to the attention of the Site Engineer.	✓			No environmental incident occur.
		Action will be taken within 7 working days.			✓	

Certified that the furnished information is correct and the quality of work as per good practice

Reim
08-12-2021
PDS Consultant/Site Supervision
Engineer

Shans
08-12-21
Environmental Officer (PIU)

S.H
08-12-21
Contractor's Health & Safety Officer

Appendix 5: Summary of Findings from Field Visits

Summary of Findings from Field Visits on EMP Issues & EMP Compliance Status

Visited Field sites (ContractPackage no./Scheme)	Important EMP Issues/ Environmental Attributes	Major observations from Field visits/monitoring against EMP issues	EMP Compliance Status
<p>Visited the randomly selected schemes under the following contract packages:</p> <p><u>Visited on 30/11/2021</u> Savar W-01 Savar W-02 Savar Pou W-01</p> <p><u>Visited on 25/11/2021</u> Araihazar W-01/02</p> <p><u>Visited on 8/12/2021</u> Rupganj W-02/03</p>	<ul style="list-style-type: none"> • Multilayer, strong safety barriers at excavation or deep cut construction works 	Was found to secure the excavated/deep cut construction site with multilayer safety tape/barrier	EMP Complied
	<ul style="list-style-type: none"> • Planned stock piles for construction material 	Stack yard with fence around was found at the site	EMP Complied
	<ul style="list-style-type: none"> • Preventive Measures against COVID 	Use of PPE/temperature recording/hand washing at worksite are in practice to prevent COVID-19 infection	EMP Complied
	<ul style="list-style-type: none"> • Water Supply and Sanitation Facility (Gender Segregated) 	Water supply and sanitation facilities seem to be adequate	EMP Complied
	<ul style="list-style-type: none"> • Labor Shed 	Noticed to provide hygienic labor shed at construction site	EMP Complied
	<ul style="list-style-type: none"> • Diversion Road 	Was found to construct diversion road at place where required	EMP Complied
	<ul style="list-style-type: none"> • Warning/Regulatory Sign at Construction work 	Warning/Regulatory sign at the construction site was found to post for the safe movement of vehicles/pedestrian	EMP Complied
	<ul style="list-style-type: none"> • Use of Personal Protective Equipment (PPE) 	Workers were found to use PPE at construction sites	EMP Complied
	<ul style="list-style-type: none"> • Dust Suppression 	Noticed initiative of dust suppress by spraying water on dry surfaces of construction site.	EMP Complied
	<ul style="list-style-type: none"> • Waste management at Campsite 	Trashes generated at campsite was found to collect in the bins	EMP Complied
	<ul style="list-style-type: none"> • First-aid Facility at campsite 	Health safety measures including first-aid facilities are found OK at the camp/worksite	EMP Complied
	<ul style="list-style-type: none"> • Base environmental data of the subproject site for ambient air, water and noise (sound) quality of the site 	Tested results of base environmental data confirm the permissible level of their quality	EMP Complied
	<ul style="list-style-type: none"> • 		

Photographs from field monitoring sites

In order to demonstrate the overall environmental safeguard compliances at subproject construction site, some photographs from the sites are displayed here below.





CRDP-2/LGED/SAVAR/NCB/2018/W-01
Warning sign & Safety barrier



CRDP-2/LGED/SAVAR OUR/NCB/2018/W-01
Warning sign at construction site




Project Name : Second City Region Development Project
দ্বিতীয় নগর অঞ্চল উন্নয়ন প্রকল্প

Executing Agency : Local Government Engineering Department
স্থানীয় সরকার প্রকৌশল অধিদপ্তর

Implementing Agency : Local Government Engineering Department, District : Dhaka
স্থানীয় সরকার প্রকৌশল অধিদপ্তর, জেলা : ঢাকা।

Package No. : CRDP-2/LGED/DHAKA/SAVAR/NCB/2018/W-03

Name of Contractor : Modern Structures Limited
মডার্ন স্ট্রাকচার লিমিটেড

Contract Amount : 37753782.000

Date of Agreement : 27-10-2019

Date of Commencement : 02-11-2019

Date of Completion : 12-03-2021

Source of Financing : Government of Bangladesh (GOB) and Asian Development Bank (ADB)

CRDP-2/LGED/SAVAR/NCB/2018/W-03
Project signboard at construction site



CRDP-2/LGED/GCC/NCB/2018/W-01
Workers with PPE and hand sanitization



CRDP-2/LGED/Savar/NCB/2018/W-03
Warning sign at construction site



CRDP-2/LGED/GCC/NCB/2018/W-01
Diversion road sign at construction site



CRDP-2/LGED/GCC/NCB/2018/W-01
Organized Site office room)


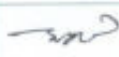
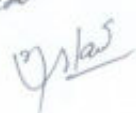












CRDP-2/LGED/GCC/NCB/2018/W-01
Workers with PPE at construction site







Appendix 6: Participants List for the meeting/training/workshop

a) Orientation Session on Environmental Safeguard Issues (on 09-11-2021) (Kanchan Pourashava)

Local Government Engineering Department (LGED) Second City Region Development Project			
Orientation Workshop on Contract Management			
Venue: Conference Room, Kanchan Pourashava		Date : 09/11/2021	
ATTENDANCE			
Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
1.	Rafiqul Islam, Mayor Kanchan Pourashava	01741307211	
2.	PETER DAWES TL CRDP-2	peterdawes@ hotmail.com 0112365263	
3.	Md. Hamidul Haque PD, CRDP-2	pd.crdp2@gmail.com 01771404652	
4.	Md. Shohabul Islam Sr. AE, CRDP-2, LGED HQ	shohabul.crdp2@gmail.com 01714-225344	 09.11.21
5.	A.K.M. Nagiullah Chowdhury DPD, CRDP-2	01716794070	 09.11.2021
6.	MD- MAZUM CRDP-2	01754-770860	

Sl. No	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
7.	MONIR HOSSAIN PHE DTL PBS-2 CRDP-2 LGED	0716932 675	
8.	Md. Shamuddin Molla FE, PBS-2 CRDP-2 LGED	s.molla3010@gmail.com 01716419445	
9.	Dr. Md. Nurul Islam Environmental Specialist CRDP-2, LGED	nurulchaka24@gmail.com 01760602194	
10.	M. SHAMSUZZAMAN UDS, CRDP	01714166211	
11.	Mahd. Ali AKBER SAE-1 Kanchan Pourashava. Rupganj, Narayanganj.	Cell: 01688933680	
12.	Md. Anwar Hossain Assistant Engineer Kanchan Pourashava	01711006474	
13.	ATM Nure Afam Siddiky Secretary Kanchan Pourashava	01819 826278	
14.	MD. MOSTOFA MOLLA SWIVEYON Kanchan Pourashava	01719 068075	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
15.	ଜି. କାଶିମୁସ ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01711704840	
16.	କବୀର କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01761737569	
17.	ଜି. ନାସିର ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01261821862	
18.	ଜି. ନାସିର ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01732091019	
19.	ଜି. ନାସିର ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01670810099	Rindhon.
20.	MR. MASIDUR RAHMAN Field Engineer-2	01712-506381	
21.	ଜି. ନାସିର ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01778016234	(ଜି. ନାସିର ହୁସେନ)
22.	ଜି. ନାସିର ହୁସେନ କାର୍ଯ୍ୟ ମହକମା କାନ୍ଥର ମୋଟରହାଉସ	01787581787	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
23.	কর্তা: বীর দত্ত	01916352512	
24.	শ্রীমান গুরুপ্রসাদ গুপ্তা Site engineer. PM Khan & Sons KSBL-MBPL JV	01723898871 shredwazed88@gmail.com com/ksblmrk@gmail.com	
25.	Md. Hason Ali Sub. Assistant engineer Kanchan Poudhshara. Narayongong	01720-974136	
26.	644: 6216 Hst কর্তা: বীর দত্ত 01795106720	01795106720 6216 Hst	
27.	Md. Barunjr Alam Site Engineer KSBL-MBPL JV.	01728739336 92/Aran bag. Motijheel CA Ksblmrk@gmail.com	
28.	Ati Kaur Riddhi E.D. KSBL-MBPL JV.	070608625 07873512119 Ksblmrk@gmail.com	
29.	MD. Rana Ahmed Project Engineer KSBL-MBPL JV Rn. Shimul100@gmail	01687610746 Ksblmrk@gmail.com	
30.	MD. Sohel Rana Lab. Technician KSBL-MBPL-JV)	01772605026 Ksblmrk@gmail.com	

b) **Orientation Session on Environmental Safeguard Issues (on 17-11-2021)**
(Tarabo Pourashava)





Local Government Engineering Department (LGED)
Second City Region Development Project




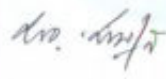




Orientation Workshop on Contract Management

Venue: Conference Room, Tarabo Pourashava



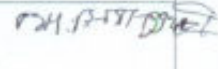



Date : 17/11/2021

ATTENDANCE


Sl No	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
1.	PETER DAUES, TEAM LEADER PDS2 CRDP	peterdaues@hotmail.com 01722365265	
2.	Md. Hamidul Hogue PD, CRDP-2	pd.crdp2@gmail.com 01711404652	
3.	Engr. Z M Anwar Executive Engineer Tarabo Pourashava	zmanwar.1968@yahoo.com	
4.	Md. Habibul Rahman JVC Partner rcdp.habib@gmail.com	rcdp.habib@gmail.com 01713118699	
5.			
6.			


Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
7.	WOFR Hossain PHE PDSC-2 CRDP-2 LGED	0176 331671	
8.	As. Md. Nurul Islam Environmental Specialist PD-2, CRDP-2	nuruldhaka24@gmail.com +8801760602194	
9.	Md. Nurul Islam Chowdhury Municipal Engineer PDSC-2 CRDP-2 LGED	islamm1954@yahoo.com 01799700223	
10.	Md. Ruhul. Amin. Site. Engr. Habib Enterprise Rupshi	01738-725101	
11.	Md SERAF	01937056171	
12.	Md. Atif Hossain	01921-541441	
13.	Abcd Hossain	01736941904	
14.	Md. Ummid Hossain Rupshi	0171627782	


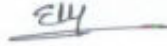







Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
15.	মোঃ সোজা হামেদ সহকারী সার্ভেয়ার	01715854488 mdsojolahamed766@gmail.com	Foruh
16.	Md. Nazmul Islam SAE-E	01516171665	Asi
17.	MR. Abul Kalam Azad Contractor	01819237952	
18.	RITESH CHANDRA PODDER Sub-ASSISTANT ENGINEER TARABO POURASHVA	01866991912 rcpodder27@gmail.com	Podder
19.	MR. MASIDUR RAHMAN Field Engineer CRAP-2 PDSC	01712506381	masidur
20.	Mithun Bishwas WORK ASSHANT TARABO POURASHVA	01955295741	Mithun
21.	MR. Maksudur Rahman Surveyor TARABO POURASHVA	01911846771	
22.	Md. Anowar Hossain Manager M/S. Habib Enterprise	01733356111	Anowar

Sl. No	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
23.	Md. Saiful Islam M/s Habib Ent.	01924002276 tahimehmadoo@gmail.com	
24.	(মো: মালিক - সহ - ইন্সপেক্টর - কোয়ার্টার্স ওয়ারি ফোর্স)	01816827119	
25.	মো: শিবাজী স্মল - Sub controller	01944548812	
26.	Md. Shamsul Hossain, Mulla FE-4 PDS-2, CRDP	Smulla301@gmail.com 01816419455	
27.	(মো: ইমদাদুল হক অফিস অফিসার)	01680050330	
28.	Md. Zakir Hossain Tarabo Pourashava	01711-960845 eng.zakir99@gmail.com.	
29.			
30.			

c) Orientation Session on Environmental Safeguard Issues (on 18-11-2021)
(Sonargaon Pourashava)

Local Government Engineering Department (LGED) Second City Region Development Project			
Orientation Workshop on Contract Management			
Venue: Conference Room, Sonargaon Pourashava		Date : 18/11/2021	
ATTENDANCE			
Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
1.	Md. Sadekur Rahman Mayor	06723-56204	
2.			
3.	Md. Samrul Alam Secretary Sonargaon Pourashava	01715-480930	
4.	MUNIR HOSSAIN PAC PDS-2 CRDP-2 LGED	MUNIR hussain 05 10 @sahro.com 0176 93267X	
5.	Dr. Md. Nurul Islam Environmental Specialist PDS-2, CRDP-2	nuruldheka24@gmail.com +880 176060 2194	
6.	Md. Shamsuddin Molla FE-PB-2, CRDP-2	Smada3010@gmail.com 0176913485	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
7	Md. Nurul Islam Chowdhury Municipal Engineer. PDSC-CRDP-2, LGED	islam.n.1954@yahoo.com 01799900223	
8	MD. MASIDUR RAHMAN Field Engineer PDSC-CRDP-2, LGED	masidur1982@gmail.com 01712506381	
9	S M ABDUS SAMAD SAE Sonargaon Pourashava	abdursumad.eda@gmail.com 01914-474972	
10	TANVIR AHAMMED Assistant Engineer Sonargaon Pourashava.	tanvir.eng.br@gmail.com 0171 4444551	
11	MD SAIFUL ISLAM Work- Assistant Sonargaon Pourashava	saifulbdng@gmail.com 01630706000	
12	Totamina Akter Work- Assistant Sonargaon Pourashava	01919803072	
13	Kd: Basud Raza SUPERVISOR MASUD Hi Tael Engineering	01711152432	
14	S.M. HASANUR RAHID Engineer MASUD Hi Tael Engineering	01674834512 HASANUR1993@gmail.com	
15	MD. NURUL ISLAM	0184320311	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
16.		01837423740	
17.	Md. Esha Khan Site Engineer Masud Hi-Tech Eng Ltd	01724-242598 Esha.khan2425@gmail.com	
18.	Md. Abdul Kalam Project Engineer Masud Hi-Tech Engineering Ltd	01618002723 Engr. Abdul.kalam2@gmail.com	
19.	Md. Fazly Rakhy Talukder Deputy Project Manager Masud Hi-Tech Engineering Ltd	01683938472 fazlyrs@gmail.com	
20.	Engr. Parom Roy Project Manager Masud Hi-Tech Engineering Ltd	01712088600 paromroy.mhel@gmail.com	
21.	Kazi Khaled Hossain Marun Project Director Masud Hi-Tech Engineering Ltd	01919150075 Pd mhel@gmail.com	
22.	Ahmed Hossain A.O Sonarjhan Paulashan	01712171355	
23.	S. M. Enamul Haque Accountant Sonarjhan Paulashan	01919-152595	
24.	Md. Yeasin Kulkarni Asst. Tax collector - 120	01712228546	

d) **Orientation Session on Environmental Safeguard Issues (on 28-11-2021)**
(Singair Pourashava)







**Local Government Engineering Department (LGED)
Second City Region Development Project**

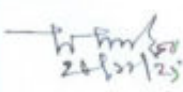







Orientation Workshop on Contract Management





Venue: Conference Room, Singair Pourashava

Date : 28/11/2021

ATTENDANCE

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
1.	Abu naim md fahar meaz Singair pourashava	meaz singair pourashava 01712775360	
2.	Md. Shahabul Islam Senior Assistant Egr. CRDP-2, LGED	shahabul. cprp@ gmail.com 01714-225344	
3.	PETER DAWES. TEAM LEADER PDS2. CRDP LGED	01712565266 peter.dawes@HOTTAK LGED	
4.	MUNIR HUSSAIN PME PDS2 CRDP-2 LGED	0176932675	
5.	Dr. Md. Nurul Islam Environmental Specialist CRDP-2, PDS-2	01760602194 nuruldhaka24@gmail.com	
6.	Mohammad Mobarak. Hussain Municipal Engineer PDS-2, CRDP-2, LGED	01763198597 mmobarakh1955@gmail.com	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
7.	Md. Mohsin uddin lanku PDS Consult. FE-5 CRDP- A&L packages.	cenkurmohsineuddin @gmail.com 01791777216	 28/11/21
8.	Md. Abdul Batin SAE Singair Pouraskara	01712-606156	 28.11.2021
9.	MD Taslemuddin work assistant	01731151381	
10.	M/S Zakimur Enterprise Partner	01780306912 Bader g. g. Bader-g. g. @yaho.com	
11.	Nesim Ahmed Khorison Enterprise Partner	01710083032	
12.	MD. Rahatul Islam Nobin Site engineer	01748-923760 rahatul735@gmail.com	
13.	M.D Kamaruzzaman (main)	01715348433 Email: howladar.en terprise8833@gmail .com	
14.	M.D: DULAL HOSSAIN	01719166753 Sumit group of companies 2019-01719166753 SPL: 2019-01719166753	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
15.	Shauful Islam Manager.	01916-232331	 28/11/21
16.	মঃ মজিবুল হক	01926471847	মজিবুল হক
17.	সিঃ আল হামিদ	01775980000	
18.	md. shafi mahamud	01713407916	
19.	IRANI AKTER SEC -	01705208083	 28/11/21
20.			
21.			
22.			

e) Orientation Session on Environmental Safeguard Issues (on 02-12-2021)
(Narsingdi Pourashava)

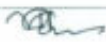





Local Government Engineering Department (LGED)
Second City Region Development Project

Orientation Workshop on Contract Management

Venue: Conference Room, Narsingdi Pourashava

Date : 02/12/2021

ATTENDANCE

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
1.	Ampad Hossein Baccus. Mayor, Narsingdi pourashava.	01711 662983.	
2.	PETER DAWES TEAM LEADER PDS2, CRDP	01772365265 peterdawes@ hotmail.com	
3.	ডাঃ মুনীর হোসেন প্রকল্প পরিচালক সহকারী (প্রশাসনিক)	01913797766	
4.	MUNIR HOSSAIN PMU, PDS 2, CRDP 2 LGED	0176532671	
5.	Dr. Md. Nurul Islam Environmental Specialist PDS-2, LGED CRDP-2	01760602194 nuruldhaka24@gmail.com	
6.	Ahauk Haque Field Engineer, PDSC, CRDP-2 LGED.	01924904495 ahattaft143@gmail.com	

Sl. No.	Name, Designation & Posting	E-Mail Address & Cell Phone No.	Signature
15	Md. Anisul Hossain Site Manager	01819987302 anisulhossaintrader@gmail.com	Anisul
16	Mohammed Humayun Khan Lab Technician	01754236835 Tajul162@gmail.com	Humayun
17	Md. Hasan Ali Site Engg / Surveyor	0178249717 @G.Ali17824717	Hasan
18	Mohammad Sha Alam Miah For. Amul Hagar (Pvt.) Ltd.	01921-393748 rseconstruction5876@gmail.com	Sha Alam
19	Md. Shohel Mulla Aminul Haque (Pvt) Ltd. Project Manager	01911358037 shohelmulla50@gmail.com shohelmulla50@gmail.com	Shohel
20	Md. MASIDUR RAHMAN Field Engineer POSC-2, CRDP-2, LGAD	masidur182@gmail.com 01712506381	Masidur
21	MD. MAMUN BHUIYAN Engineer.	01911180586 mamunbhuiyan81586@gmail.com	Mamun
22	MD ASHRAFUL AULLA Sub contractor	01930646762	Ashraful

Appendix 7: Sample Grievance Redress Form

(To be available in Bangla and Other Local Language, if any)

The _____ Project welcomes complaints, queries, queries and comments regarding project implementation. We encourage persons with grievance to provide their name and contact information to enable us to get in touch with you for clarification and feedback.

Should you choose to include your personal details but want that information to remain confidential, please inform us by writing/typing ***(CONFIDENTIAL)*** above your name. Thank you

Date		Place of registration			
Contact Information/Personal Details					
Name		Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female	Age	
Home Address					
Village / Town					
District					
Phone no.					
E-mail					
Complaint/Suggestion/Comment/Question Please provide the details (who, what, where and how) of your grievance below: If included as attachment/note/letter, please tick here:					
How do you want us to reach you for feedback or update on your comment/grievance?					

FOR OFFICIAL USE ONLY

Registered by: (Name of Official registering grievance)	
Mode of communication: <input type="checkbox"/> Note/Letter <input type="checkbox"/> E-mail <input type="checkbox"/> Verbal/Telephonic	
Reviewed by: (Names/Positions of Official(s) reviewing grievance)	
Action Taken:	
Whether Action Taken Disclosed:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Means of Disclosure:	

Appendix 8: Environmental Management Implementation Schedule

(For Period January 2022–June 2022)

Activity	Frequency and/or Implementation Time frame (6months)
	(January2022–June2022)
1.Preparation of IEE Reports of subproject packages (To be included in the Tender Documents that will be floated for contract award)	Throughout 6 months period
2.Routing supervision and monitoring of construction works and proper implementation of environmental mitigation/safeguard measures, including implementation of EMP.	Throughout construction period at least monthly
3.Issue corrective action request to the contractor or his representative against registered non-compliance of EMP, and conduct follow-up inspections and evaluation of corrective actions.	As needed throughout construction period
4. Reporting: a) Monthly Progress Report b) Quarterly Progress Report c) Semi-annual Environmental Monitoring Report	a) In every month b) In every 3 rd month (in March and June) c) In the 6 th month (in June)

Appendix 9: Sample accident/incident/ near miss report Form

(Reporting by Contractor to PDS Environmental Consultant and PIU & PMCU Environmental Consultant)

(Attach Photograph of the accident/incident Site)

Name of the Contractor or his Representative:
Contact no.

Project Name:	
Subproject/ Scheme Name:	
Place of Occurrence	
Date of occurrence	
Details of what happened	
cause of incident	
Lessons Learned	

Appendix 10: COVID-19 Health & Safety Plan Monitoring Checklist

(EHS COVID-19 Response Guidance, ADB Bangladesh Resident Mission template)

Package Name:- CRDP-II/LGED/NARAYANGONJ/ARAIHAZER/NCB-2018/W-02
Month / Year: August- 2021

A. Environmental Health and Safety Checklist			
Sl.	Checklist	Number/Quantity	Remarks
1	Number of workers & employees available at site	50 nos.	
2	Health checkup/screening completed for all workers/employee/visitors	50 nos.	
3	✓ Washbasin, sanitizer dispenser at site	2 nos.	
4	Stock of soap, sanitizer, disinfectants, PPEs (masks, hand gloves, boots) available at site	Available at site.	
5	Number of cleaning staff employed	01 nos	
6	Number of covered bins with COVID sign at the site	02 nos.	

B. Daily Monitoring: COVID -19 protocols (worksite and campsite)					
Sl.	Checklist	Observation		Corrective Action Plan	Time frame to comply
		Yes	No		
1	Medical professional is available on call	√			
2	Contractor's EHS officer is available at site	√			
3	Entrance protocol: 6 ft distance maintained?	√			
4	Disinfectant spray used at site entry at hands and under shoes	√			
5	Workers & employees are using mask, gloves and shoes	√			
6	Workers & employees are washing their hands	√			
7	Used PPEs (masks, gloves) are disposed in covered bin	√			
8	Social distancing: workers & employees maintaining social distancing all the time	√			
9	Vehicle protocol: vehicle disinfection protocol followed	√			
10	Tools/machinery: wiped to disinfect before and after sharing/working	√			
11	Disinfecting work area (worksite/ common surfaces, toilets etc.) are disinfected i) before worksite opened in the morning, ii) before lunch and iii) after closing for the day	√			
12	Trash bins are covered and used for disposal of PPEs (masks, gloves)	√			

*Attach photos, additional information as required

[Signature]
26.08.21
FE-CRSP-11

[Signature]
26.08.21

COVID-19 Health & Safety Plan Monitoring Checklist
(EHS COVID-19 Response Guidance, ADB Bangladesh Resident Mission template)

Package Name:- CRDP-II/LGED/NARAYANGONJ/RUPGANJ/NCB-2018/W-02
Month / Year: November- 2021

A. Environmental Health and Safety Checklist			
Sl.	Checklist	Number/Quantity	Remarks
1	Number of workers & employees available at site	60 nos.	
2	Health checkup/screening completed for all workers/employee/visitors	60 nos.	
3	✓ Washbasin, sanitizer dispenser at site	2 nos.	
4	Stock of soap, sanitizer, disinfectants, PPEs (masks, hand gloves, boots) available at site	Available at site.	
5	Number of cleaning staff employed	01 nos	
6	Number of covered bins with COVID sign at the site	02 nos.	

B. Daily Monitoring: COVID -19 protocols (worksite and campsite)					
Sl.	Checklist	Observation		Corrective Action Plan	Time frame to comply
		Yes	No		
1	Medical professional is available on call	✓			
2	Contractor's EHS officer is available at site	✓			
3	Entrance protocol: 6 ft distance maintained?	✓			
4	Disinfectant spray used at site entry at hands and under shoes	✓			
5	Workers & employees are using mask, gloves and shoes	✓			
6	Workers & employees are washing their hands	✓			
7	Used PPEs (masks, gloves) are disposed in covered bin	✓			
8	Social distancing: workers & employees maintaining social distancing all the time	✓			
9	Vehicle protocol: vehicle disinfection protocol followed	✓			
10	Tools/machinery: wiped to disinfect before and after sharing/working	✓			
11	Disinfecting work area (worksite/ common surfaces, toilets etc.) are disinfected i) before worksite opened in the morning, ii) before lunch and iii) after closing for the day	✓			
12	Trash bins are covered and used for disposal of PPEs (masks, gloves)	✓			

*Attach photos, additional information as required

Rejm
29-11-2021
FE-CRDP-II

Smt
29, 11, 21

COVID-19 Health & Safety Plan Monitoring Checklist
(EHS COVID-19 Response Guidance, ADB Bangladesh Resident Mission template)

Package Name:- CRDP-II/LGED/NARAYANGONJ/RUPGANJ/NCB-2018/W-03
Month / Year: December- 2021

A. Environmental Health and Safety Checklist			
Sl.	Checklist	Number/Quantity	Remarks
1	Number of workers & employees available at site	36 nos.	
2	Health checkup/screening completed for all workers/employee/visitors	36nos.	
3	✓ Washbasin, sanitizer dispenser at site	2 nos.	
4	Stock of soap, sanitizer, disinfectants, PPEs (masks, hand gloves, boots) available at site	Available at site.	
5	Number of cleaning staff employed	01 nos	
6	Number of covered bins with COVID sign at the site	02 nos.	

B. Daily Monitoring: COVID -19 protocols (worksite and campsite)					
Sl.	Checklist	Observation		Corrective Action Plan	Time frame to comply
		Yes	No		
1	Medical professional is available on call	✓			
2	Contractor's EHS officer is available at site	✓			
3	Entrance protocol: 6 ft distance maintained?	✓			
4	Disinfectant spray used at site entry at hands and under shoes	✓			
5	Workers & employees are using mask, gloves and shoes	✓			
6	Workers & employees are washing their hands	✓			
7	Used PPEs (masks, gloves) are disposed in covered bin	✓			
8	Social distancing: workers & employees maintaining social distancing all the time	✓			
9	Vehicle protocol: vehicle disinfection protocol followed	✓			
10	Tools/machinery: wiped to disinfect before and after sharing/working	✓			
11	Disinfecting work area (worksite/ common surfaces, toilets etc.) are disinfected i) before worksite opened in the morning, ii) before lunch and iii) after closing for the day	✓			
12	Trash bins are covered and used for disposal of PPEs (masks, gloves)	✓			

*Attach photos, additional information as required

Reed
06.12.21
FE-CRDP-1

Reed
06.12.21

Covid-19 Health & Safety Plan Monitoring Checklist, August- 2021

Sl.#	Picture	Picture
01.		
	Body temperature measurement	Portable Hand wash.
02.		
	Body wash .	Covid-19 sing & awareness instruction hanging in the base camp area.

[Signature]

[Signature]

Photographs on preventive measures against spread of COVID-19 infection

Package Name: CRDP-II/LGED/DHAKA/RUPGANJ/NCB/2018/W-03

Covid-19 Health & Safety Plan Monitoring Checklist, December- 2021

Sl.#	Picture	Picture
01.		
	Covid-19 sing & awareness instruction hanging in the base camp area.	Portable Hand wash.
02.		
	Body wash .	Body temperature measurement





Appendix 11: Laboratory test results for ambient air and water quality and noise level

Subproject: Araihaaz W-03

মৃত্তিকা, পানি ও পরিবেশ বিভাগ
ঢাকা বিশ্ববিদ্যালয়, ঢাকা ১০০০, বাংলাদেশ



Department of Soil
Water and Environment
University of Dhaka, Dhaka 1000, Bangladesh

Date: 07. 10. 2021

Surface Water Quality Test Report

Sample supplied by :
Chairman
REZVI CONSTRUCTION- MD EUNUS AL MAMUN- KK ENTERPRISE- JV
Ranks Business Centre, Level -7, Plot- Ka (218/1-2)
Pragati Sarani, Kuril, Dhaka-1229, Bangladesh

Name of Road Construction Subproject Site: Road from Araihaaz (at Araihaaz-Norshindi RHD) to Purinda Bazar (at Dhaka-Sylhet High Way) subproject site under the Package No: CRDP-III/LGED/NARAYANGANJ/ARAIHAZAR/NCB/2018/W-03 of Second City Region Development Project

Service Rendered : Environmental Quality Test for EIA report of a road construction site
Sample Title : Surface water sample from nearby pond (SW)
Sampling Date : 25/09/2021
Date of Testing : 25/09/2021 - 30/09/2021
Geographical
Coordinates : 23°49'18.14"N and 90°38'12.35"E

Analytical Results:

The results of analysis of Surface Water Sample from a pond are given below:

Sample Location	Test Parameters	Units	Results	Methods
Nearby Road from Araihaaz (at Araihaaz-Norshindi RHD) to Purinda Bazar (at Dhaka – Sylhet High Way) subproject site (23°49'18.14"N and 90°38'12.35"E)	pH	-	7.46	pH meter
	EC	(µS/cm)	101.6	EC meter
	DO	(mg/L)	5.48	DO meter (Hanna HI98193)
	BOD _{5max}	(mg/L)	0.88	DO meter (Hanna HI98193)
	COD	(mg/L)	ND	Chemical method
	TSS	(mg/L)	5.21	Gravimetric method
	TDS	(mg/L)	108.7	TDS Multimeter
	Iron (Fe)	(mg/L)	BDL	AAS
	Manganese (Mn)	(mg/L)	<0.10	AAS
	Arsenic (As)	(ppb)	<2.0	HG-AAS (APHA 3114)
	Turbidity	NTU	13.62	Turbidity meter
	NO ₃ -N	(mg/L)	5.82	Kjeldahl method
	Cl	(mg/L)	12.20	Titrimetric method
	Total coliform	(cfu/100ml)	1.5x10 ⁴	Membrane filtration method

ND-Not detected; BDL-Below detection limit

7.10.21

(Dr. Md. Zakir Hossain Khan)
Professor

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Date: 07. 10. 2021

Ground Water Quality Test Report

Sample supplied by :
Chairman
REZVI CONSTRUCTION- MD EUNUS AL MAMUN- KK ENTERPRISE- JV
Ranks Business Centre, Level -7, Plot- Ka (218/1-2)
Pragati Sarani, Kuril, Dhaka-1229, Bangladesh

Name of Road Construction Subproject Site: Road from Araihaazar (at Araihaazar-Norshindi RHD) to Purinda Bazar (at Dhaka-Sylhet High Way) subproject site under the Package No: CRDP-II/LGED/NARAYANGANJ/ARAIHAZAR/NCB/2018/W-03 of Second City Region Development Project

Service Rendered : Environmental Quality Test for EIA report of a road construction site
Sample Title : Groundwater Sample from 120ft deep submersible Tubewell (GW)
Sampling Date : 25/09/2021
Date of Testing : 25/09/2021 - 30/09/2021
Geographical
Coordinates : 23°49'19.11"N and 90°38'15.42"E

Analytical Results:

The results of analysis of Groundwater Sample from nearby Tubewell are given below:

Sample Location	Test Parameters	Units	Results	Methods
Road from	pH	-	7.28	pH meter
Araihaazar (at	EC	(μ S/cm)	209.7	EC meter
Araihaazar-	DO	(mg/L)	7.02	DO meter (Hanna HI98193)
Norshindi RHD) to	BOD _{5days}	(mg/L)	Nil	DO meter (Hanna HI98193)
Purinda Bazar (at	COD	(mg/L)	ND	Chemical method
Dhaka -Sylhet	TSS	(mg/L)	Nil	Gravimetric method
High Way)	TDS	(mg/L)	371.8	TDS Multimeter
subproject site	Iron (Fe)	(mg/L)	BDL	AAS (Atomic Absorption Spectrophotometry)
(23°49'19.11"N	Manganese (Mn)	(mg/L)	0.28	AAS
and	Arsenic (As)	(ppb)	2.25	HG-AAS (APHA 3114)
90°38'15.42"E)	Chloride (Cl ⁻)	(mg/L)	19.77	Titrimetric method
	Nitrate (NO ₃ -N)	(mg/L)	Nil	Kjeldahl method

ND-Not detected; BDL-Below detection limit



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Date: 07. 10. 2021

Ambient Air Quality Test Report

Sample supplied by :
Chairman
REZVI CONSTRUCTION- MD EUNUS AL MAMUN- KK ENTERPRISE- JV
Ranks Business Centre, Level -7, Plot- Ka (218/1-2)
Pragati Sarani, Kuril, Dhaka-1229, Bangladesh

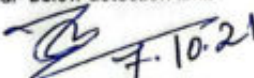
Name of Road Construction Subproject Site: Road from Araihaazar (at Araihaazar-Norshindi RHD)
to Purinda Bazar (at Dhaka-Sylhet High Way) subproject site under the Package No: CRDP-
II/LGED/NARAYANGANJ/ARAIHAZAR/NCB/2018/W-03 of Second City Region Development Project

Sample Title : Air Quality Monitoring (AQ) Near Road Construction Subproject Site
Sampling Date : 25/09/2021
Geographical
Coordinates : 23°49'15"N and 90°38'12"E

Analytical Results :
The test results of ambient air quality analysis are given below:

Description of Parameters	Unit	Concentration of Ambient Air Quality Parameters			National Ambient Air Quality Standard for Bangladesh as adopted in 2005		WHO guidelines (µg/m ³)
		Min	Max	Duration Avg.	Objective	Average Time	
Carbon Monoxide (CO)	ppm	0.000	0.001	0.001	35 ppm (40 mg/m ³)	1 hour	30 (1 hr)
					9 ppm (10 mg/m ³)	8 hours	10 (8 hr)
Carbon Dioxide (CO ₂)	ppm	688	695	689	-	-	-
Nitrogen Dioxide (NO ₂)	ppm	0.043	0.046	0.044	0.053 ppm (100 µg/m ³)	Annual	40 (1 hr)
Sulphur Dioxide (SO ₂)	ppm	0.017	0.019	0.018	0.14 ppm (365 µg/m ³)	(24 hr)	20 (24 hr)
					0.03 ppm (80 µg/m ³)	Annual	-
Suspended Particulate Matter (SPM)	µgm ⁻³	16	35	26.7	200 µgm ⁻³	Annual	-
Particulate Matter (PM ₁₀)	µgm ⁻³	12	16	14.5	65 µgm ⁻³	24 hours	25 (24 hrs)
Particulate Matter (PM _{2.5})	µgm ⁻³	11	16	12.8	150 µgm ⁻³	24 hours	50 (Annual)
Lead (Pb)	µgm ⁻³	bdl	bdl	bdl	0.5 µgm ⁻³	Annual	-
Temperature	°C	31	33	32	-	-	-
Relative Humidity	%	70	72	69	-	-	-

bdl- below detection limit


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Date: 07. 10. 2021

Noise Quality Test Report

Sample supplied by :

Chairman

REZVI CONSTRUCTION- MD EUNUS AL MAMUN- KK ENTERPRISE- JV

Ranks Business Centre, Level -7, Plot- Ka (218/1-2)

Pragati Sarani, Kuril, Dhaka-1229, Bangladesh

Name of Road Construction Subproject Site: Road from Araihaazar (at Araihaazar-Norshindi RHD) to Purinda Bazar (at Dhaka –Sylhet High Way) subproject site under the Package No: CRDP-III/LGED/NARAYANGANJ/ARAIHAZAR/NCB/2018/W-03 of Second City Region Development Project.

Service Rendered : Environmental Quality Test for EIA report of a Road Construction site

Sample Title : Noise level monitoring (NL) near road construction site

Sampling Date : 25/09/2021

Temperature : 32°C

Relative Humidity : 69%

Geographical

Coordinates : 23°49'14.78"N and 90°38'11.38"E

Analytical Results:

The results of ambient noise level monitoring are given below:

Sampling Locations	Daytime	Min dBA	Max dBA	Daytime dB(A) Leq	DOE Standard for Noise Pollution (Regulation and Control) Rules, 2006	
					Residential Area	Mixed Area
Nearby site of Road from Araihaazar (at Araihaazar-Norshindi RHD) to Purinda Bazar (at Dhaka –Sylhet High Way) subproject	0800-0900	41.2	53.4	56.81	55 dB(A) Leq at Day Time and 40 dBA at Night Time	60 dB(A) Leq at Day Time and 50 dBA at Night Time
	1200-1300	45.5	56.2			
	1800-1900	50.3	63.3			

*According to the Noise Pollution (Regulation and Control) Rules, 2006, acceptable sound levels are 55 decibels (dBA) for daytime – 6am to 9pm – and 45 decibels for night time – 9pm to 6am – in residential areas; (50 decibels for daytime and 40 decibels for night time in quiet places); (60 decibels for daytime and 50 decibels for night time in mixed areas); (70 decibels for daytime and 60 decibels for night in commercial areas); and (75 decibels for daytime and 70 decibels for night time in industrial areas).



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Appendix 12: Sample GRC Committee established and functioning (Rupganj GRC)

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
স্থানীয় সরকার প্রকৌশল অধিদপ্তর
উপজেলা প্রকৌশলীর কার্যালয়
রূপগঞ্জ, নারায়ণগঞ্জ।



শেখ হাসিনার মূলনীতি
গ্রাম শহরের উন্নতি

স্মারক নং- ৪৬.০২.০০০.৬৭.৬৮.১৪.২০-৫৫৯ তারিখ : ৩০/০৯/২০২০ইং

অফিস আদেশ

স্থানীয় সরকার প্রকৌশল অধিদপ্তর কর্তৃক বাস্তবায়নধীন “দ্বিতীয় নগর অঞ্চল উন্নয়ন” প্রকল্পের আওতায় এলজিইডি’র উপজেলা পর্যায়ে অভিযোগ নিরসন কার্যক্রম দ্রুত ও নিয়মানুগভাবে বাস্তবায়নের লক্ষ্যে নিম্নরূপ অভিযোগ নিরসন কমিটি (Grievance Redress Committee) গঠন করা হলো।

সূত্র : স্মারক নং-৪৬.০৬৮.০০৫.০০.০০.০১৮.২০২০-৪৫৫

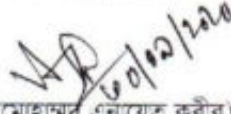
তারিখ: ০৭-০৬-২০২০ ইং।

প্রথম স্তরের স্থানীয় অভিযোগ নিরসন কমিটি :

- ১। জনাব মীর কায়ছার রিজভী, উপজেলা সহকারী প্রকৌশলী, উপজেলা রূপগঞ্জ, জেলা নারায়ণগঞ্জ- সভাপতি।
- ২। জনাব মোঃ আব্দুল্লাহ আল ফারুক, সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভগার্ড এক্সপার্ট)-সদস্য।
- ৩। জনাব মোঃ শামীম দেওয়ান, কমিউনিটি অগ্রানাইজার, উপজেলা রূপগঞ্জ, নারায়ণগঞ্জ (পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা) - সদস্য সচিব।

কমিটির কার্য পরিধি :

- ১। ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ গ্রহণ এবং পারস্পরিক আলোচনার ভিত্তিতে তা নিরসন করা,
- ২। অভিযোগকারীর অভিযোগ গ্রহণের ৭ দিনের মধ্যে অভিযোগ নিষ্পত্তিকরণের ব্যবস্থা করা,
- ৩। ভূমি এবং / অথবা অবকাঠামো (Structures) অধিগ্রহণ, জীবিকা অর্জনের ওপর প্রভাব, প্রাপ্তব্য ক্ষতি পূরণ (Entitlements) এবং বিভিন্ন সহযোগিতা সম্পর্কে ক্ষতিগ্রস্তদের অবহিত করা,
- ৪। অভিযোগকারী ব্যক্তির অভিযোগ সংক্রান্ত যাবতীয় তথ্যাবলী লিপিবদ্ধ করা,
- ৫। অভিযোগ নিষ্পত্তি সংক্রান্ত যাবতীয় রেকর্ড ও সভার কার্যবিবরণী যথাযথভাবে সংরক্ষণ এবং উপজেলা প্রকৌশলী কর্তৃক নিবাহী প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ জেলা এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা।


(মোহাম্মদ এনায়েত কবীর)
উপজেলা প্রকৌশলী
রূপগঞ্জ, নারায়ণগঞ্জ।
ফোন : ৭৬৫০০৫০

অনুলিপি সদয় অবগতির জন্য :-

- ১। তত্ত্বাবধায়ক প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ অঞ্চল, নারায়ণগঞ্জ।
- ২। প্রকল্প পরিচালক, সিআরডিপি-২, এলজিইডি, আগারগাঁও, ঢাকা-১২০৭।
- ৩। নিবাহী প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ।
- ৪। উপজেলা নিবাহী অফিসার, রূপগঞ্জ, নারায়ণগঞ্জ।
- ৩। জনাব মোঃ আব্দুল্লাহ আল ফারুক, সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভগার্ড এক্সপার্ট) সদস্য।
- ৫। জনাব, মোঃ শামীম দেওয়ান, কমিউনিটি অগ্রানাইজার ও পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, উপজেলা রূপগঞ্জ, নারায়ণগঞ্জ।

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
স্থানীয় সরকার প্রকৌশল অধিদপ্তর
উপজেলা প্রকৌশলীর কার্যালয়
রূপগঞ্জ, নারায়ণগঞ্জ।



শেখ হাসিনার মূলনীতি
গ্রাম শহরের উন্নতি

স্মারক নং- ৪৬.০২.০০০.৬৭.৬৮.১৪.২০-৫৬০

তারিখঃ ৩০/০৯/২০২০ইং

অফিস আদেশ

স্থানীয় সরকার প্রকৌশল অধিদপ্তর কর্তৃক বাস্তবায়নাধীন "দ্বিতীয় নগর অঞ্চল উন্নয়ন" প্রকল্পের আওতায় এলজিইডি'র উপজেলা পর্যায়ে অভিযোগ নিরসন কার্যক্রম দ্রুত ও নিয়মানুগভাবে বাস্তবায়নের লক্ষ্যে নিম্নরূপ অভিযোগ নিরসন কমিটি (Grievance Redress Committee) গঠন করা হলো।

সূত্রঃ স্মারক নং-৪৬.০৬৮.০০৫.০০.০০.০১৮.২০২০-৪৫৫

তারিখঃ ০৭-০৬-২০২০ ইং।

দ্বিতীয় স্তরের স্থানীয় অভিযোগ নিরসন কমিটি :

- ১। জনাব শাহ নুসরাত জাহান, উপজেলা নির্বাহী কর্মকর্তা, উপজেলা রূপগঞ্জ, জেলা নারায়ণগঞ্জ- সভাপতি।
- ২। জনাব আফিয়া খান, সহকারী কমিশনার (ভূমি), উপজেলা রূপগঞ্জ, জেলা নারায়ণগঞ্জ -সদস্য।
- ৩। জনাব আরমানুজ্জামান, স্বর্ণখালী বাজার, ভোলাব, রূপগঞ্জ, নারায়ণগঞ্জ(ক্ষতিগ্রস্ত ব্যক্তিবর্গের প্রতিনিধি)-সদস্য।
- ৪। জনাব এস, এম শফিউল বারি, সাব-রেজিস্টার, উপজেলা রূপগঞ্জ, নারায়ণগঞ্জ- সদস্য।
- ৫। জনাব আব্দুল গফুর, পরিদর্শক, পরিবেশ অধিদপ্তর, নারায়ণগঞ্জ- সদস্য।
- ৬। জনাব মালা বেগম, সহকারী প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ- সদস্য।
- ৭। জনাব মোঃ আব্দুল মালেক, উপ-সহকারী প্রকৌশলী, এলজিইডি, উপজেলা রূপগঞ্জ, নারায়ণগঞ্জ (পরিবেশ/সামাজিক সুরক্ষা কর্মকর্তা)- সদস্য সচিব।

কমিটির কার্য পরিধি :

- ১। এ পর্যায়ে প্রকল্পে ক্ষতিগ্রস্ত ব্যক্তিদের সম্পদ অধিগ্রহণে (স্থায়ী-অস্থায়ীভাবে) ক্ষতির পরিমাণ (পশুপত্র ভৌত পরিমাণ-Physical Quantity) নির্ধারণ এবং ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- ২। ক্ষতিগ্রস্ত ব্যক্তির অভিযোগ পুনর্বিনীতি নীতিমালার আওতাভুক্ত হলে প্রকল্প কর্তৃপক্ষের মাধ্যমে ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- ৩। ক্ষতিগ্রস্তদের অভিযোগসমূহ ধরণ অনুযায়ী বিন্যাস করে অগ্রাধিকার ভিত্তিতে ১ মাস সময়ের মধ্যে সমাধান করা,
- ৪। অভিযোগকারী অভিযোগ বিষয়ে অগ্রগতি এবং ক্ষতিপূরণ প্রাপ্তিতে সহযোগিতা করা,
- ৫। অভিযোগকারীর অভিযোগ বিষয়ে অগ্রগতি এবং নিরসন কমিটির সিদ্ধান্তসমূহ উপজেলা নির্বাহী কর্মকর্তা-এর মাধ্যমে প্রকল্প পরিচালক-কে অবহিত করা,
- ৬। অভিযোগ নিরসন কমিটি মাসে অন্ততঃ ২ বার সভায় বসবে। অমীমাংসিত অভিযোগের সংখ্যার ভিত্তিতে এবং প্রকল্প পরিচালকের সাথে আলোচনা করে মাসিক সভার সংখ্যা হ্রাস বা বৃদ্ধি করা যাবে।

(মোহাম্মদ এনায়েত কবীর)
উপজেলা প্রকৌশলী
রূপগঞ্জ, নারায়ণগঞ্জ।
ফোনঃ ৭৬৫০০৫০

অনুলিপি সদয় অবগতির জন্য :-

- ১। তত্ত্বাবধায়ক প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ অঞ্চল, নারায়ণগঞ্জ।
- ২। প্রকল্প পরিচালক, সিআরডিপি-২, এলজিইডি, আগারগাঁও, ঢাকা-১২০৭।
- ৩। নির্বাহী প্রকৌশলী, এলজিইডি, নারায়ণগঞ্জ।
- ৪। উপজেলা নির্বাহী অফিসার, রূপগঞ্জ, নারায়ণগঞ্জ।
- ৩। জনাব মোঃ আব্দুল্লাহ আল ফারুক, সিআরডিপি-২ প্রকল্পের কনসালটেন্ট (সেভার্ড এক্সপার্ট) সদস্য।
- ৫। জনাব, মোঃ আব্দুল মালেক, উপ-সহকারী প্রকৌশলী ও পরিবেশ/সামাজিক সুরক্ষা ফোকাল কর্মকর্তা, উপজেলা রূপগঞ্জ, নারায়ণগঞ্জ।

Appendix 13: Monitoring Plan for Environmental Quality Test of Under Construction Packages

Sl.	Package	1 st Test completion/ Planned Date (Before start of construction)	2 nd Test completion/ Planned Date (At the end of construction)	Remarks
1	Gazipur City Corporation: GCC (W-01)	Done on 23/09/2020	Planned on 01/3/2022	
2	Gazipur City Corporation: GCC (W-02)	Done on 24/09/2020	Planned on 02/03/2022	
3	Araihazar Upazila: Araihazar (W-01)	Done on 14/11/2020	Planned on 20/03/22	
4	Araihazar Upazila: Araihazar (W-02)	Done on 26/09/2020	Planned on 21/03/2022	
5	Araihazar Upazila: Araihazar (W-03)	Done on 25/09/2021	Planned on 22/03/2022	
6	Savar Upazila: Savar (W-01)	Done on 19/11/2020	Planned on 08/04/22	
7	Savar Upazila: Savar (W-02)	Done on 20/03/2021	Planned on 09/04/2022	
8	Savar Upazila: Savar (W-03)	Done on 19/09/2020	Planned on 10/04/2022	
9	Savar Upazila: Savar (W-04)	Done on 18/11/2020	Planned on 11/04/2022	
10	Rupganj Upazila: Rupganj (W-01)	Done on 15/11/2020	Planned on 15/04/2022	
11	Rupganj Upazila: Rupganj (W-02)	Done on 25/09/2020	Planned on 16/04/2022	
12	Rupganj Upazila: Rupganj (W-03)	Done on 27/09/2020	Planned on 17/04/2022	
13	Savar Pourashava: Savar Pourashava (W-01)	Done on 20/09/2020	Planned on 18/04/2022	
14	Dhamrai Pourashava: Dhamrai (W-01)	Planned on 24/04/2022	Planned on 1/11/2022	
15	Sonargaon Pourashava: Sonargaon (W-01)	Done on 27/12/2021	Planned on 02/0/2022	
16	Narasingdi Pourashava: Narasingdi (W-01)	Done on 26/12/2021	Planned on 01/07/2022	
17	Tarabo Pourashava: Tarabo (W-01)	Done on 28/12/2021	Planned on 03/07/2022	
18	Singair Pourashava: Singair (W-01)	Done on 04/01/2022	Planned on 07/06/2022	
19	Mongla Pourashava: Mongla (W-01)	Planned on 09/05/2022	Planned on 13/11/2022	
20	Jashore Pourashava: Jashore (W-01)	Planned on 05/05/2022	Planned on 9/11/2022	
21	Jhikargacha Pourashava: Jhikargacha (W-01)	Planned on 03/05/2022	Planned on 7/11/2022	
22	Kanchan Pourashava: Kanchan W-01	Done on 29/12/21	Planned on 04/07/2022	
23	Chalna Pourashava: Chalna (W-01)	Planned on 07/05/2022	Planned on 11/11/2022	

Note: Since 2nd CRDP subprojects are small and having relatively short construction work days PMCU find it reasonable to test environmental quality once at the end of construction phase. Two tests: once at inception and once at end seems to be quite ok considering short construction period for the project packages.