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**DHAKA WATER SUPPLY NETWORK IMPROVEMENT PROJECT (DWSNIP)
(ADB Loan No. 3397-BAN)**

PROJECT MANAGEMENT UNIT

1st

SEMI ANNUAL ENVIRONMENT MONITORING REPORT

(January to June 2018)

November 2018

Dhaka Water Supply and Sewerage Authority

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ABBREVIATIONS

| | | |
|--------|---|--|
| ADB | - | Asian Development Bank |
| CPP | - | China Petroleum Pipeline Engineering Company Ltd.; |
| DWASA | - | Dhaka Water Supply and Sewerage Authority |
| DWSNIP | - | Dhaka Water Supply Network Improvement Project |
| DMA | - | District Metering Area |
| DMS | - | Design Management and Supervision Consultants |
| DoE | - | Department of Environment |
| DTW | - | Deep Tubewell |
| EMP | - | Environmental Management Plan |
| EIA | - | Environmental Impact Assessment |
| GoB | - | Government of Bangladesh |
| GRC | - | Grievance Redress Committee |
| GRM | - | Grievance Redress Mechanism |
| ICB | - | International Competitive Bidding |
| IEE | - | Initial Environmental Examination |
| O&M | - | Operation and Maintenance |
| PMU | - | Project Management Unit |
| PCU | - | Project Coordination Unit |
| RP | - | Resettlement Plan |
| SPM | - | Suspended Particulate Matter |
| SPS | - | Safeguard Policy Statement |
| SEMR | - | Semi Annual Environmental Monitoring Report |
| SEP | - | Site Environmental Plan |
| SEMP | - | Site Specific Environmental Management Plan |
| SIU | - | Safeguard Implementation Unit |
| TDS | - | Total Dissolved Solids |
| TMP | - | Traffic Management Plan |
| TSS | - | Total Suspended Solids |
| US\$ | - | US Dollar |

I. INTRODUCTION

A. Background

1. Dhaka Water Supply Network Improvement Project (DWSNIP) has been initiated by Dhaka Water Supply and Sewerage Authority (DWASA) in improving the water supply distribution network in various zones of Dhaka City. The estimated cost of the Project is US\$ 408 million. The Government of the People's Republic of Bangladesh (GOB) has obtained a loan of US\$ 275 million from the Asian Development Bank (ADB Loan: 3397-BAN) and the balance US\$133 million equivalent would be financed by the GOB.
2. The Project will implement 93 DMAs in which about 2438 km pipe lines will be rehabilitated including about 202,300 service connections.
3. The Project has five (5) contract packages and the implementation of each package will approximately take 17 to 36 months with the expectation to complete by the year 2022.
4. The objectives of the Project are:
 - To reduce NRW and achieve 24 x 7 water supplies in DMA's identified under current project, left over DMA's from DWSSDP.
 - To provide new or regular connections to low income communities.
5. Summary of the Construction packages are depicted in Table 1 and the project area of each packages are shown in Figure 1.

B. Purpose of the Report

6. **Environmental Categorization.** Sub projects under Five Packages (ICB 2.8, ICB 2.9, ICB 2.10, ICB 2.11 and ICB 2.12) under DWSNIP has been classified by ADB as environmental assessment category B (some negative impacts but less significant than category A) and the impacts of subprojects were assessed through Initial Environmental Examination (IEE), prepared according to ADB Safeguard Policy (SPS 2009).
7. This report is the semi- annual environment monitoring report (SEMR) covering period January to June 2018 to describe the present compliance status and implementation of the mitigation measures, monitoring and reporting as per EMP of the approved draft IEE.

Figure 1: Project Area

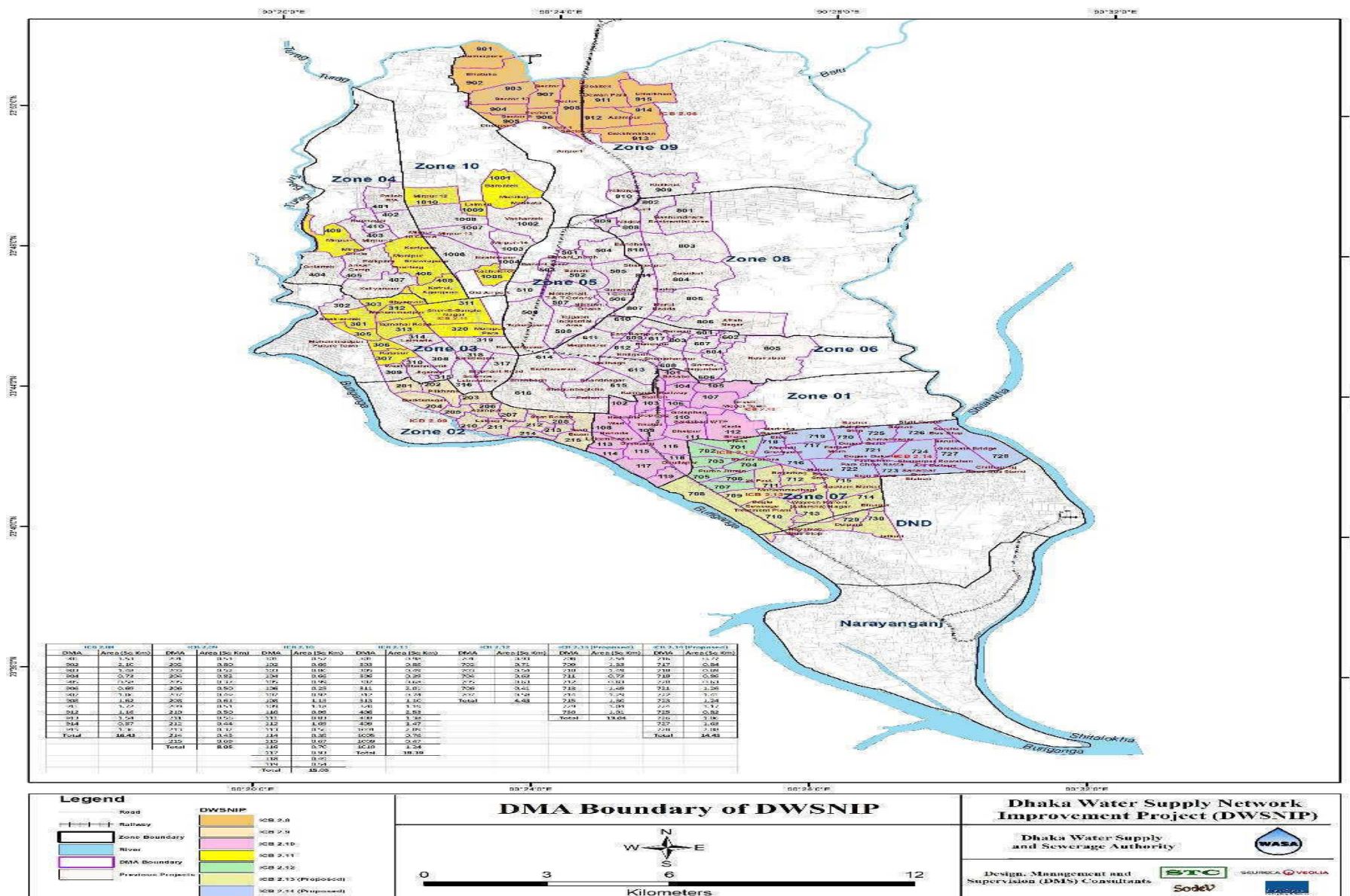


Table 1: Summary of Construction Works of Five Packages under DWSNIP

| Package No. | MODS Zone | DMA Nos. | Design Pipeline Km | Service Connections Nos. | Deep Tubewell Nos. | Contract Amount (US\$ in Million) | Remarks |
|--------------------------|------------------|-----------------|---------------------------|---------------------------------|---------------------------|--|-----------------------------------|
| ICB 2.8 | 9 | 13 | 457 | 39221 | 10 | 46.84 | Awarded |
| ICB 2.9 | 2 | 15 | 249 | 19,604 | 10 | - | Bid evaluation in process |
| ICB 2.10 | 1 | 19 | 341.58 | 32,725 | 10 | - | Bid evaluation in process |
| ICB 2.11 | 3,4,10 | 16 | 453 | 41,971 | 10 | 53.89 | Awarded |
| ICB 2.12 | 7 | 7 | 164 | 16,100 | 10 | - | Bid documents prepared for 7 DMAs |
| Total Civil Works | | 70 | 1664.58 | 149,621 | 50 | | |

Source: DMS Consultants

C. Project Profile DWSNIP

8. Till 30th June, 2018 construction contract agreement has been signed for two (2) packages under DWSNIP. Among 5 packages, ICB 2.8 signed contract for zone 9 on 9th May and ICB 2.11 signed contract for zone 3, 4 and 10 on 4th April 2018. Table 2 shows the status of award of different contract packages. Construction activities have not been commenced yet.

Table 2: Status of Sub-project Awarded/Implementation under DWSNIP (Upto 30th June 2018)

| Contractor Name and Contract Package No. | Description | Effective date of Implementation | Schedule date of Completion | Physical Progress (%) as on 30.6.2018 |
|---|---|---|------------------------------------|--|
| Chin.a Petroleum Pipeline Engineering Company Ltd.; (CPP)- ICB- 2.8 (Zone -9) | Rehabilitation of Distribution Network for nonrevenue water reduction (including procurement of equipment/plant, and construction of DTW pump station) with O&M support (457km) | 20.09.2018 | 15.07.2022 | No physical Progress (0%) |
| Navana-Prathiba JV; ICB-2.11 (Zone 3, 4 and 10) | Rehabilitation of Distribution Network for nonrevenue water reduction (including procurement of equipment/plant, and construction of DTW pump station) with O&M support (453km) | 21.06.2018 | 16.04.2022 | No physical Progress (0%) |

II. COMPLIANCE STATUS

A. Compliance of Safeguard Loan Covenants

9. The status of compliance of ADB's major Loan Covenants related to environmental Safeguard is shown below:

| Serial no. as per loan agreement | Program Specific Covenants | Status / Issues |
|--|---|--|
| Procurement of Goods, Works and Consulting Services | | |
| Schedule 4 Item 7 | <p><u>Conditions for Issuance of Notice to Commence Works</u></p> <p>DWASA shall not issue a notice to commence Works under:</p> <p>(a) any Works contracts which involves environmental impacts until: Department of Environment has granted the approval of the IEE (including approval of separate environmental impact assessment required to be prepared under Bangladesh law);</p> <p>(b) Incorporated the relevant provisions from the EMP into the Works contract</p> | <p>(a) DWASA has applied for Environmental Clearance to Department of Environment.</p> <p>(b) Incorporated EMP into the Civil works contract for ICB 2.8, ICB 2.9, ICB 2.10 and ICB 2.11</p> |
| Safeguards Environment | | |
| Schedule 5 Item 5 | <p>The Borrower shall ensure or cause the DWASA to ensure that the preparation, design, construction, implementation, operation and decommissioning of the Project, and all projects' facilities comply with (i) all applicable laws and regulations of the Borrower and the State relating to environment, health, and safety; (ii) the Environmental Safeguards; (iii) all measures and requirements set forth in the IEE, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.</p> | <p>Under compliance</p> <p>Document is prepared/or under preparation by complying all relevant National Laws, Safeguard Policy Statement (SPS 2009) of ADB for all five packages. The drafts of initial environmental examinations (IEEs) with related environmental management plans for five different contract packages (ICB 2.08, ICB 2.09, ICB 2.10, ICB 2.11 and ICB 2.12) have already been prepared and disclosed on the DWASA and ADB websites. IEE will be updated and revised in case of any change of scope and location. All measures and requirements as prescribed in IEE/EIA and EMP will be considered during implementation. Corrective or preventive action plans will be reflected in Environment Monitoring Report and project</p> |

| Serial no. as per loan agreement | Program Specific Covenants | Status / Issues |
|---|---|--|
| | | implementation authority (DWASA) will be taken care with assistance from DMS Consultants.. |
| Human and Financial Resources to Implement Safeguards Requirements | | |
| Schedule 5 Item 9 | The Borrower shall make available, or cause the DWASA to make available, all necessary budgetary and human resources to fully implement the EMP required. | <p>Complied</p> <p>Budgetary provisions have been included in EMP of Packages ICB 2.8 and ICB 2.11 under DWSNIP. Environment, Resettlement and Gender Officer of Program Management Unit is in place</p> <p>Human resource (project consultant, i.e Environmental Specialist of DMS) for implementation of EMPs is in place for regular compliance.</p> |
| Safeguards - Related Provisions in Bidding Documents and Works Contracts | | |
| Schedule 5 Item 10 | <p>The Borrower shall ensure, or cause the DWASA to ensure, that all bidding documents and contracts for Works contain provisions that require contractors to:</p> <p>(a) comply with the measures and requirements relevant to the contractor set forth in the IEE, the EMP, the final RP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a Safeguards Monitoring Report;</p> <p>(b) make available a budget for all such environmental measures;</p> <p>(c) provide the Borrower with a written notice of any unanticipated environmental risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP;</p> <p>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</p> | <p>Under compliance</p> <p>(a) Draft approved IEE, EMP for ICB 2.8 and ICB 2.11 is attached in Bidding documents. This process will be followed for all the packages within DWSNIP.</p> <p>In case of any change of scope, revised IEEs, EMPs will be prepared and corrective measures will be disclosed to contractor and same will be reflected in the “Environment Monitoring Report”.</p> <p>(b) Draft IEE indicates indicative budgetary provisions for implementation of EMP</p> <p>(c) With the development of sub project and implementation, in case of additional impacts/risks due to change in scope/area, that will be reflected in the revised IEEs, EMPs and Environment Monitoring Report and accordingly project Executing Agency (DWASA) will inform the Construction Contractor (each Package) for taking relevant corrective measures.</p> <p>(d) Haul roads will be marked properly (by avoiding residences and agricultural land) before</p> |

| Serial no. as per loan agreement | Program Specific Covenants | Status / Issues |
|--|---|---|
| | (e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction. | commencement of transportation of materials. (e) Pathways, land which are likely to be affected for a short period during implementation of the sub project will be restored by concerned construction contractor before acceptance of the work. Restoration status will be reflected in post construction monitoring report |
| Safeguards Monitoring and Reporting | | |
| Schedule 5 Item 11 | <p>The Borrower shall cause the DWASA to do the following:</p> <p>(a) submit semi-annual Safeguards 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, 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>(a) Generally Environmental Monitoring Report is to be prepared after starting of implementation of the project but as per action plan of ADB 1st semi-annual Safeguards Monitoring Report is prepared upto June 2018, which mainly cover loan covenant part, monitoring format and pre construction compliance including partial generation of base line monitoring data</p> <p>(b) With the development of project and implementation, in case of additional impacts/risks due to change in scope/area, will be reflected in revised IEEs, EMPs and accordingly Executing Agency (DWASA) will inform the ADB along with corrective action plan which will be reflected in the Monitoring Report.</p> <p>(c) in case of any breach of compliance with the measures and requirements set forth in the EMP; DWASA will promptly inform ADB and suitable corrective action plan will be planned.</p> |

| Serial no. as per loan agreement | Program Specific Covenants | Status / Issues |
|--|---|---|
| Prohibited List of Investments | | |
| Schedule 5 Item 12 | The Borrower shall ensure that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS. | <p>Complied</p> <p>All Packages under DWSNIP, there is no violation of prohibited investment activities as per ADB SPS (2009) Appendix 5.</p> |
| Labor Standards Health and Safety | | |
| Schedule 5 Item 13 | The Borrower shall ensure that core labor standards and the Borrower's applicable laws and regulations are complied with during project implementation. The borrower shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among other things: (a) comply with the Borrower's applicable labor law and regulations and incorporate applicable workplace occupational safety norms; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use forced labor; (e) allow freedom of association and effectively recognize the right to collective bargaining; and (f) disseminate, or engage appropriate service providers to disseminate, information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project area, particularly women. The Borrower shall strictly monitor compliance | <p>Complied in document and to be complied during implementation</p> <p>Provision are included (as per EMP & BID document) to carry out HIV/AIDS awareness programs for construction contractor, application of all relevant labour laws for health and safety including child labour law and engagement of local labours (preferably from economically backward group) covering women labours.</p> <p>In case of any breach of provision, necessary corrective measures as per contract clauses shall be taken.</p> <p>All activities including awareness program will be reflected in "Monitoring Report".</p> |

| Serial no. as per loan agreement | Program Specific Covenants | Status / Issues |
|----------------------------------|--|-----------------|
| | with the requirements set forth above and provide ADB with regular reports | |

B. Compliance with Environmental Statutory Clearance

10. Prior to commencing a civil work as stated in the loan document, all the required statutory clearances with regard to the project (DWSNIP) will be obtained by contractors. Removal of trees along the rehabilitation sites is considered subject to planting of native species in the same area after completion of civil work. Therefore, trees might be removed in some places to allow for appropriate workmanship but in that cases the current construction safety standards are to be maintained properly. The required clearances from relevant authorities will be obtained by the Contractors.

C. Safeguards Implementation Arrangements

11. The PMU will have a Safeguard Implementation Unit (SIU) staffed with three officers - 1 Environmental Officer, 1 Social Officer, and 1 Gender Officer - at executive engineer level. The SIU will be assisted by relevant safeguard specialists in the DMS teams to implement safeguards.
12. The responsibilities of the Environmental Officer of SIU will ensure that (i) environmental safeguard issues are addressed; (ii) EMP/approved SEP is implemented; (iii) physical and non-physical activities under the subproject are monitored; and (iv) monitoring reports are prepared on time and submitted to ADB.
13. PMU will be supported by the Design Management and Supervision Consultants (DMS). An Environment Specialist will be engaged to ensure: (i) EMP/ approved SEP is implemented; (ii) surveys and measurements are undertaken; (iii) inspections and observations throughout the construction period are recorded to ensure that safeguards and mitigation measures are provided as intended; and (iv) statutory clearances and permits from government agencies/other entities are obtained prior to start of civil works.
14. The Contractor will be required to:
- (i) Submit Site environmental plan (SEP) covering proposed sites / locations for construction work camps, storage areas, hauling roads, lay down areas, disposal areas for solid and hazardous wastes
 - (ii) Comply with all applicable legislation, is conversant with the requirements of the EMP/ approved SEP;
 - (iii) Brief his staff, employees, and laborer about the requirements of the EMP/ approved SEP;

- (iv) Ensure any sub-contractors/ suppliers who are utilized within the context of the contract comply with the environmental requirements of the EMP/ approved SEP. The Contractor will be held responsible for non-compliance on their behalf;
- (v) Supply method statements for all activities requiring special attention as specified and/or requested by the DMS Environment Specialist during the duration of the Contract;
- (vi) Provide environmental awareness training to staff, employees, and laborers;
- (vii) Bear the costs of any damages/compensation resulting from non-adherence to the EMP/ approved SEP or written site instructions;
- (viii) Conduct all activities in a manner that minimizes disturbance to directly affected residents and the public in general, and foreseeable impacts on the environment.
- (ix) Ensure that the PMU Environment Officer are timely informed of any foreseeable activities that will require input from the DMS Environment Specialist.

III. IMPLEMENTATION STATUS OF ENVIRONMENTAL MEASURES

A. EMP Compliance Status

15. Field activities under ICB 2.8 and ICB 2.11 has not been started yet. Site specific EMP will be prepared by concerned contractor of the package. The compliance monitoring status for implementation of mitigation measures against impacts on air, water, soil environment, social and safety aspects is enclosed in Appendix 1. Summary compliance status of EMP application and actions/ corrective measures is presented in Table 3 below.

Table 3: Summary Compliance status of Environment Management and Monitoring Plan

| Name of Package | EMP being Implemented (Yes / No) | Overall Status of EMP Implementation (Excellent/Satisfactory/ Partially Satisfactory/ Compliance/Below Satisfactory) | Actions Proposed or continued/Additional Corrective Measures Required (30th June 2018) |
|------------------------|---|---|--|
| ICB 2.8 | No | - | No activity at site |
| ICB 2.11 | No | - | No activity at site |

IV. ENVIRONMENTAL MONITORING AND EVALUATION

16. For effective monitoring, selected environmental parameters have been identified as indicators which will be qualitatively and quantitatively measured and compared over a period of time in order to assess/ensure the compliance of EMP. The environmental performance indicators are physical, biological and social characteristics identified as most important in affecting the environment at critical locations all along the subproject locations. The parameters identified as performance indicators are:
- Air, noise and water quality
 - Compliance to EMP
 - Compliance to local/state/national environmental regulations
17. During implementation process, performance monitoring fact sheet will be maintained against each possible environmental impact and will be attached with the monitoring report. **Appendix 2** shows the Performance Fact Sheet for implementation of EMP at pre-construction and construction stage.
18. According to draft IEE report prepared in January 2016, it is mentioned that contractor will monitor environmental quality parameters (air quality, noise level and water quality) before commencement of their construction works which is considered as Baseline data. Before commencement of construction works, ambient air quality, noise level and water quality will be carried out by each contracts Packages.

V. MAJOR PROJECT ISSUES AND PROBLEMS: ENVIRONMENTAL CONTEXT

19. Construction activities for Contract Packages ICB 2.8 and ICB 2.11 have not been commenced yet. Till date, no major issues and problems have been encountered with, at the sub project locations.

VI. CONSULTATIONS AND RECOMMENDATIONS: ENVIRONMENTAL CONTEXT

20. For protection of local environment during construction phase, application of mitigation measures will be done as per specified EMP. Public consultation during construction/implementation phase will be planned as per the requirement. **Appendix 3** shows the blank consultation format for recording.

VII. GRIEVANCE REDRESS

21. A common grievance redress mechanism (GRM) will be in place for social, environmental or any other subproject related grievances.
22. PMU will maintain a Complaint Cell headed by a designated Grievance Officer at its office. The Grievance Registration/Suggestion Form (**Appendix 4 and Appendix 5**) will be available at the Complaints Cell and in Zonal Offices and will also be downloadable from the DWASA website.
23. Grievances/ suggestions of affected persons can be dropped in suggestion boxes or conveyed through phone or mail. Affected Persons will also be able to register grievances – social, environmental or other, personally at Complaint Cell of head quarter (PMU Level) and Zonal offices (PCU Level) of DWASA. The Grievance Officer and designated official at the Zonal will be able to correctly interpret/record verbal grievances of non-literate persons and those received over telephone. The Complaint Cell will also serve as Public Information Centers, where, apart from grievance registration, information on the Project, subprojects, social and environmental safeguards can be provided.
24. The Grievance Officer will resolve simple issues and in case of complicated issues, consult/seek the assistance of the Environment/Social Officer of the PMU. Grievances not redressed through this process within one month of registration will be brought to the notice of the Project Director, DWSNIP.
25. Periodic community meetings with affected communities to understand their concerns and help them through the process of grievance redress (including translation from local dialect/language, recording and registering grievances of non-literate affected persons and explaining the process of grievance redress) will be conducted if required.
26. Grievance Redress Committee (GRC): An apex GRC will be formulated to address grievances pertaining to broader concerns related to the program/subproject. The membership of the Committee will be decided by Project Director, DWSNIP. Records will be kept by PMU of all grievances received including contact details of complainant, date the complaint was received, nature of grievance, agreed corrective actions and the date these were in effect, and final outcome.
27. Grievances received and responses provided will be documented and reported back to the affected persons. The number of grievances recorded and resolved and the outcomes will be displayed/disclosed in the offices of the different Zonal office of DWASA and web.

28. **Periodic Review and Documentation of Lessons Learned.** PMU will periodically review the functioning of the GRM and effectiveness of the mechanism, especially on the Project's ability to prevent and address grievances.
29. All costs involved in resolving the complaints (meetings, consultations, communication and reporting / information dissemination) will be borne by PMU.

VIII. ISSUES AND ACTION PLAN

30. Experience from ADB-funded urban projects show complex social, economic, legal, institutional, and management issues in urban development – largely derived from realities of urban life in developing countries like Bangladesh. Urban projects typically consist of a variety of infrastructure such as roads, water, wastewater, solid waste, and slum improvement/upgrading activities. It is important to mention in this context that the final detailed engineering design in each sub project of DWSNIP will be prepared keeping in mind to avoid or minimize social and environmental impact as far as possible. However, since all the developments foreseen are city centric, it is difficult to avoid any impact whatsoever in densely populated towns or cities.
31. With the development of project under DWSNIP the action plan will be considered for timely and satisfactory environmental compliance. Sample suggestion & action plan format is shown in Table 5. Since major physical works under Package ICB 2.8 and ICB 2.11 not yet been started, action plan will be developed with the progress of the project.

Table 5: Suggestion & Action plan considered for satisfactory Environmental Compliance

| SI No. | Issue | Suggestion and Recommendation | Action to be taken by | Time Frame |
|--------|---|-------------------------------|-----------------------|------------|
| 1 | Implementation of EMP | | | |
| 2 | Health and Safety | | | |
| 3 | Base line and during construction – generation of air, noise and water quality data | | | |
| 4 | Restoration of the construction area | | | |
| 5 | Social relationship and public safety | | | |

APPENDIX –1: FORMAT FOR COMPLIANCE OF IMPLEMENTATION OF EMP

Project: Dhaka Water Supply Network Improvement Project - Rehabilitation of Distribution Network for nonrevenue water reduction (including procurement of equipment/plant, and construction of DTW pump station) with O&M support

Package No: ICB 2.8/ICB 2.9/ICB 2.10/ICB 2.11/ICB 2.12

Progress (%):

| SI No. | Mitigation Activities and Method | Location | Responsible for Mitigation | Monitoring Method | Responsible for Monitoring | Compliance Status/ Explanation |
|-------------------------------------|--|-------------------|----------------------------|-----------------------------------|----------------------------|--------------------------------|
| Preconstruction/Design Phase | | | | | | |
| 1 | Site preparation work including necessary clearance | Construction site | Contractors | Observation and document checking | DMS/ PMU | |
| 2 | Shifting of affected utilities like electric and telephone poles, pipe lines | Construction site | Contractors | Observation and document checking | DMS/ PMU | |
| 3 | Planning for Traffic Management | Construction site | Contractors | Observation and document checking | DMS/ PMU | |
| 4 | Planning for setting up worker camps, stockpile area, storage and disposal areas | Construction site | Contractors | Observation and document checking | DMS/ PMU | |
| Construction stage | | | | | | |
| 5 | Establishment of temporary camps with drinking water, sanitary and solid waste management arrangement | Construction site | Contractors | Site observation | DMS/PMU | |
| 6 | Removal of overburden and excavated material from working site and use / preservation of the same – as per mitigation measures | Construction site | Contractors | Site observation | DMS/PMU | |
| 7 | Water sprinkling at construction site for | Construction site | Contractors | Site observation | DMS/PMU | |

| SI No. | Mitigation Activities and Method | Location | Responsible for Mitigation | Monitoring Method | Responsible for Monitoring | Compliance Status/ Explanation |
|--------|--|-------------------------------|----------------------------|-------------------|----------------------------|--------------------------------|
| | arresting dust | | | | | |
| 8 | Materials carrying vehicle are covered- Reducing dust hazard | Construction site & City road | Contractors | Site observation | DMS/PMU | |
| 9 | All vehicles and equipment mobilized to construction site and producing emission are within allowable limits | Construction site | Contractors | Record | DMS/PMU | |
| 10 | At sensitive locations enclosures provided around generator set or other noise producing machinery | Construction site | Contractors | Site observation | DMS/PMU | |
| 11 | Regular maintenance of noise producing equipment done | Construction site | Contractors | Site observation | DMS/PMU | |
| 12 | Arrangement of drainage of waste water and arresting solid waste/silt from waste water generated at construction site | Construction site | Contractors | Site observation | DMS/PMU | |
| 13 | Felling of trees done (if necessary) with mitigation measures i.e. planting of five trees for each tree fell. | Construction site | Contractors | Site observation | DMS/PMU | |
| 14 | Disposal of construction debris if any as per mitigation measures | Construction site | Contractors | Site observation | DMS/PMU | |
| 15 | Ensure use of Personal Protective Equipment like helmet, gumboot, gloves, and earplugs at work place Arrangement of First Aid Box at working site | Construction site | Contractors | Site observation | DMC/PMU | |

| SI No. | Mitigation Activities and Method | Location | Responsible for Mitigation | Monitoring Method | Responsible for Monitoring | Compliance Status/ Explanation |
|--------|--|-------------------|----------------------------|--------------------------------------|----------------------------|--------------------------------|
| 16 | Provide Health and Safety training to all personnel and implement H&S plan | Construction site | DMS/ Contractors | Record | DMC/PMU | |
| 17 | Plan truck routes (for carrying construction materials including pipes) to avoid narrow or congested roads | Construction site | Contractors | Observation | DMS/PMU | |
| 18 | Consideration of public safety - as per prescribed mitigation measures | Construction site | Contractors | Site observation | DMS/PMU | |
| 19 | Employ at least 50% of workforce from communities near sites | Construction site | Contractor | Site observation | DMC/PMU | |
| 20 | Continuous monitoring on implementation of mitigation measures | Construction site | Contractors | Site observation and record checking | DMS/PMU | |

PMU- Project Management Unit, DMS- Design Management and Supervision Consultants

APPENDIX - 2 : PERFORMANCE FACT SHEET FOR EMP IMPLEMENTATION OF DWSNIP PROJECT (PACKAGE-WISE)

| SI No. | Package Number | Name of Contractor | EMP Part of contract Document(Yes / No) | EMP being Implemented (Yes/No) | Contractor Social/ Environment Person ¹ | Overall Status of EMP Implementation | Field to be Monitored as per EMP | | | | | | | | | | | | | | | | | | | | | |
|--------|---------------------------|----------------------|---|--------------------------------|--|--------------------------------------|--|------------|--------------------------|-------------|-------------|---------|------------------------------------|---------------|---------------|------------------------------|---------------------------|--------------------------|-----------------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | Source of Materials | Camp Sites | Landscape and Aesthetics | Air Quality | Noise Level | Traffic | Ecological Resources – Terrestrial | Accessibility | Water Quality | Occupational Health & safety | Community Health & safety | Socio cultural resources | Employment generation | | | | | | | | | |
| | | | | | | | Excellent (3)/Satisfactory (2)/ Partially Satisfactory (1)/Below Satisfactory (0) / Not applicable (N/A) | | | | | | | | | | | | | | | | | | | | | |
| 1 | ICB 2.8 (Zone 9) | CPP | Yes | No (Just awarded) | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ICB 2.11 (Zone 3, 4, 10) | Navana – Prathiba JV | Yes | No (Just awarded) | | | | | | | | | | | | | | | | | | | | | | | | |

¹ Nomination of Environmental & Social Safeguard Officer by Contractor(Nominated / Yet to be Nominated)

**APPENDIX - 3: PUBLIC CONSULTATION ON ENVIRONMENTAL ISSUES DURING
CONSTRUCTION/ IMPLEMENTATION**

| | |
|-------------------------------|--|
| PLACE OF CONSULTATION | |
| DATE OF CONSULTATION | |
| PROJECT NAME | |
| PACKAGE NO. | |
| NAME OF THE FIELD SUPERVISORS | |
| NAME OF THE PERSONS | |
| ADDRESS | |

| S.No. | POINTS DISCUSSED | REMARKS |
|--------------|-------------------------|----------------|
| 01. | | |
| 02. | | |
| 03. | | |
| 04. | | |
| 05 | | |
| 06. | | |
| 07 | | |
| 08 | | |
| 09 | | |
| 10 | | |

Consultation Summary

Participants

APPENDIX: 4 SAMPLE GRIEVANCE REGISTRATION FORM

(To be available in Bengali and English)

The Project (DWSNIP) welcomes complaints, suggestions, 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 | * Male * Female | Age | |
| Home Address | | | | | |
| Place | | | | | |
| Phone no. | | | | | |
| E-mail | | | | | |
| <p>Complaint/Suggestion/Comment/Question Please provide the details (who, what, where and how) of your grievance below:</p> <p>If included as attachment/note/letter, please tick here:</p> <p>How do you want us to reach you for feedback or update on your comment/grievance?</p> | | | | | |
| FOR OFFICIAL USE ONLY | | | | | |
| Registered by: (Name of Official registering grievance) | | | | | |
| Mode of communication: Note/Letter /E-mail /Verbal/Telephonic | | | | | |
| Reviewed by: (Names/Positions of Official(s) reviewing grievance) | | | | | |
| Action Taken: | | | | | |
| Whether Action Taken Disclosed: | | | | | |
| Yes () | | | | | |
| No () | | | | | |
| Means of Disclosure: | | | | | |

GRIVENCE REDRESS REGISTAR GRIVENCES RECORD AND ACTION TAKEN

| Sr. No. | Date | Name and Contact No. of Complainer | Type of Complain | Place | Status of Redress | Remarks |
|---------|------|------------------------------------|------------------|-------|-------------------|---------|
| | | | | | | |
| | | | | | | |

APPENDIX: 5 GRIEVANCE REDRESS FORM (BANGLA VERSION)

AwfþhvM `vwLj I wbimb dþg©i bgybv

cÖKí ev Íevqþbi þýþÍ þh þKvb AvcwË, AwfþhvM, civgk©, cÖkæ Ges gZvgZþK cÖKþí (Project) ^vMZ RvbvB| Avgiv AwfþhvMKvwiþK AwfþhvþMi mvþ_ bvg-I þhvMvþhvþMi wVKvbv wþZ Drmvm þ`B hvþZ Zvuþ`i AwfþhvM wbimbKþi cÖþqvRbxq þhvMvþhvM KiþþZ I c`þýc mð^þÛ Zvþu`i mgq gþZv Rvbvþbv hvq| Acwb hw` Avcbvi cwiPq RvbvþZ Pvb A_P Zv Rbmðþ~þL þMvcb ivLþZ B`Qv þcvly Kþib Zvnþj þMvcbxq kãwU dþg©i Dcþi DþjþL Kiæb| ab`ev`|

| | | | | | |
|--|--|---------------------------|--|-------------|--|
| ZvwiLt | | þiwRþ+kþbi `vbt | | | |
| þhvMvþhvþMi wVKvbv/e`w³MZ Z`"t | | | | | |
| bvgt | | wj½ t (wUK w`b) | c~iælt <input type="checkbox"/> | eqmt | |
| | | | bvix t <input type="checkbox"/> | | |
| eZ©gvb wVKvbvt | | | | | |
| þdvb bs | | | | | |
| B-þgBj (hw` _vþK) | | | | | |
| AvcwË/ AwfþhvM/ civgk©/ cÖkæ /gZvgZ AbyMÖn Kþi Avcbvi AwfþhvþMi mvþ_ we`ÍvwiZ eY©bv (þK, wK, þKv_vq, wKfvþe BZ`vw`) cÖ`vb Kiæb hw` Gi mvþ_ þKvb mshyw³/þbvU/wPwV/Qwe þhvM Kiv nq Zv <input type="checkbox"/> UK w`bt | | | | | |

íaygvÍ `vßwiK KvþR e`envþii Rþb`

| | |
|--|--|
| bvgt (þh Kg©KZ©vi Øvív AwfþhvM þiwRw`ªK...Z) | |
| þh-gva`þg AwfþhvM M,,nxZt (wUK w`b) | 1. þbvU /wPwVt <input type="checkbox"/> 2. B-þgBj t <input type="checkbox"/> 3. þUwjþdvþb/mkixþi-þgŠw <input type="checkbox"/> |
| þh Kg©KZ©v AwfþhvMwU ch©vþjvPbv Kþibt | |
| GB AwfþhvþMi þcÖwýþZ þh c`þýc MÖnY Kiv nþqþQt | |
| c`þýcwU Rbmðþ~þL cÖPvi Kiv nþqþQ wK ? (wUK w`b) | 1. n`u t <input type="checkbox"/> 2. bv t <input type="checkbox"/> |
| þh-gva`þg c`þýcwU Rbmðþ~þL cÖPvi Kiv nþqþQt | |

SOUTH ASIA REGIONAL DEPARTMENT
SAUW Semi-Environmental Monitoring Report Log Sheet

| | | | | |
|---------------------------------------|---|------------------------|--------------------------------------|------------------|
| Project title: | BAN: Dhaka Water Supply Network Improvement Project (DWSNIP) | | | |
| Loan Number: | 3397 | Project Number: | 47254-003 | |
| Overall Project and Objectives | <p>The Project will implement 93 DMAs in which about 2,438 km pipe lines will be rehabilitated including about 202,300 service connections.</p> <p>The Project has five (5) contract packages and the implementation of each package will approximately take 17 to 36 months with the expectation to complete by the year 2022.</p> <p>The objectives of the Project are:</p> <ul style="list-style-type: none"> To reduce NRW and achieve 24 x 7 water supplies in DMA's identified under current project, left over DMA's from DWSSDP. To provide new or regular connections to low income communities. | | | |
| Approved Categorization | | Category A | | Category C |
| | X | Category B | | FI |
| Loan Effectivity Date: | 22 November 2016 | | Frequency of Reporting | Semi-Annual |
| Project Officer | Pedro Miguel de Almeida | | Project Analyst | Edgardo Moises |
| Reporting Year | 2018 | Coverage Period | X | January to June |
| | | | | July to December |
| Dates | PMU submission to ADB | 20 December 2018 | ADB comment submission to PMU | 8 January 2018 |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|---|---|---|---|---|
| A. Project Safeguards Team (check loan agreement and PAM requirements) | | | | |
| PMU ¹ | 3 safeguards experts hired in the PMU (1 for environment, 1 for resettlement, 1 for gender) | Complied Under the PAM, the following will be hired under the Safeguards Implementation Unit (SIU): (i) 1 environment officer; (ii) 1 social officer; and (iii) 1 gender officer | | |
| PIU ² | No PCUs (equivalent of PIUs) hired per SEMR | Not complied PAM and IEEs show 4 Executive Engineers to be hired under the PCU for 7 zones. The Executive | - Clarify if PCU is equivalent to PIU - For each package, clarify if nodal person will be required to look after | Yes, Project Coordination Unit (PCU) is equivalent to Project Implementation Unit (PIU) for DWSNIP. There are five packages covering 7 zones (1, 2, 3, 4, 7,9 and 10). The respective Executive |

¹ PMU – project management unit

² PIU – project implementation unit (For DWSNIP – project coordination units are PIUs)

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|---|---|--|---|
| | | Engineers are nodal persons for environmental safeguards at PCU level. | environmental safeguards requirements | Engineer of each zone are nodal persons for environmental safeguards at PCU level. |
| Consultants | 1 environmental specialist (consultant) hired for the project under the Design, Monitoring and Supervision (DMS) Team | Complied Under the PAM, the Environmental Officer in the SIU, assisted by the environmental specialist on the DMS team, will oversee implementation of environmental safeguards work under the project | As the consultant is also under the DMS, confirm if the s/he is the nodal person covering all 5 packages | Yes, there is Environmental Specialist on the DMs Team who is the nodal person for overseeing implementation of environmental safeguards covering all 5 packages. |
| Others (e.g. auditor, external monitoring team, etc) | | | | |
| B. Overall Project and Subproject Description (summarize number and type of packages)³ | | | | |
| Number of Packages with civil works (check if consistent with latest procurement plan) | 5 (i) ICB 2.8 (ii) ICB 2.9 (iii) ICB 2.10 (iv) ICB 2.11 (v) ICB 2.12 | PAM procurement plan shows 5 packages | No further action | |
| Number of DB/DBO packages and status (see footnote 3) | 5 | As of 30 June 2018 - - 2 packages have already been awarded (ICB 2.8 and 2.11) - 2 packages under bid evaluation (ICB 2.9 and 2.10) - ICB 2.12 is undergoing preparation of bidding documents for 7 DMAs | No further action | |
| Number of civil works packages and status (see footnote 3) | None. | | | |
| IEEs cleared for awarded packages? | Yes | Draft IEEs for ICB 2.8 and 2.11 cleared back in 2016 during loan processing. | - submit Final IEE prior to start of works | Updating IEE Report for first batch (DMA 307, 311, 320 and 408) under Package ICB 2.11 has submitted to ADB incorporating all comments on February 4, 2019. |

³ DB/DBO – design-build or design, build, and operate or where contractor will finalize the detailed engineering design; civil works contract – enough details of the package is known and used as basis for bid/contract’s Technical Specification

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|---|---|--|---|---|
| | | | | Updating IEE Report for first batch (DMA 903, 904, 906 and 907) under Package ICB 2.8 has submitted to ADB on February 17, 2019 |
| Safeguard documents disclosed on project website? | Yes | All Draft IEEs prepared during loan processing disclosed on ADB website | | |
| SEMR information on package-wise implementation phase (bidding, on-going, construction, completed, under operation, others) | Information on implementation phase provided. Contractors have not commenced work yet. | No further information required. | - specify estimate target dates for start of construction works | ICB 2.11-First Batch- Target date: 16/02/2019 ICB 2.8-First Batch Target date: 09/03/2019 |
| C. Status of compliance with statutory clearances (check IEE for the complete list, summarize the findings for each package – obtained/under application and if obtained, specify validity period) | | | | |
| Environmental Clearance (EC) | All packages under DWSNIP are likely to be classified as red category (serial number 64 under ECR) which require both IEE and EIA for getting SCC and ECC from the DoE prior to commencement of the subproject. | Classification should be known at this stage. DWASA has applied for environmental clearance from the DoE. Date of application is ____. | - Confirm the categorization per Government of Bangladesh ECR. - Provide date of application for environmental clearance | As per Schedule 1 of ECA, 1995 all packages under DWSNIP is likely to be classified as red category (serial number 64 under ECR). Date of Application : 28.10.2018 |
| Forest Clearance | Information no provided. | | - provide information if required | Not Applicable |
| No Objection Certificate/Letter | Information no provided. | | - provide information if required | Not Applicable |
| Site location clearance | Information no provided. | | - provide information if required | Exempted from DoE |
| Permit/Consent to Construct (or equivalent) | Information no provided. | | - provide information if required | Not Applicable |
| Permit/Consent to Operate (or equivalent) | Information no provided. | | - provide information if required | Not Applicable |
| Road-cutting permit | Information no provided. | | - provide information if required | Obtained road cutting permission from DNCC for trial pits |
| Utilities shifting permit | Information no provided. | | - provide information if required | Necessary permission will be required from DESA/DESCO, T&T if shifting of utilities are required. |
| Tree-cutting permit | Information no provided. | | - provide information if required | Necessary permission will be required from DNCC/DSCC |
| Others (specify) | | | | |
| D. Status of Compliance with loan covenants (verify items in SEMR with project loan agreement) | | | | |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|---|---|---|--|
| Procurement of goods, works and consulting services (Schedule 4, Item 7) | Under compliance | None. | None. | |
| Safeguards environment (Schedule 5, Item 5) | Under compliance | None. | None. | |
| Human and financial resources to implement safeguards requirements (Schedule 5, Item 9) | Complied as budgetary provisions have been included in EMP of packages ICB 2.8 and 2.11 Human resource for implementation of EMP in place for regular compliance | None. | None. | |
| Safeguards-related provisions in bidding documents and works contracts (Schedule 5, Item 10) | Under compliance Draft approved IEE attached in bid documents (ICB 2.8). ICB 2.11 is still to be reviewed and not yet cleared. | None. | None. | |
| Safeguards monitoring and reporting (Schedule 5, Item 11) | Under compliance 1 st SEMR covering period January to June 2018 submitted to ADB | None. | None. | |
| Prohibited list of investments (Schedule 5, Item 12) | Complied | None. | None. | |
| Labor standards, health and safety (Schedule 5, Item 13) | Complied in document and to be complied during implementation | None. | None. | |
| E. Contractors Compliance with Environmental Safeguards Requirements | | | | |
| Appointment of Environment, Health and Safety (HSE) and/or nodal person | No contact details provided in the SEMR. | It is not clear if contractor/s did not appoint HSE/nodal persons or the information was just not included in the SEMR. | <ul style="list-style-type: none"> - provide contact details of the contractors and nodal persons per package - confirm if there will be nodal persons that will be hired per package. If not, please confirm who will serve as nodal person/s for each package | <p>Each Contract package will mobilize EHS officer before construction. During reporting period, For ICB 2.11, Mr. Shyamal Kumar Ghosh, Quality Manager (email: skghosh1965@yahoo.com; cell no. +8801711228753) is in charge as nodal person for environmental safeguards.</p> <p>For ICB 2.8, EHS officer has been mobilized. Nowrine Kaiser-environmental officer; +8801779542168</p> |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|---|---|---|--|--|
| | | | | Tashrif Hossain, Health, Safety Officer (HSO); +8801683505869 |
| Submission of site-specific EMPs | 2 contracts awarded. | No information provided on submission of contractors SEMP | <ul style="list-style-type: none"> - require contractor to submit SEMP - ensure SEMP is reviewed and cleared prior to start of civil works | During reporting period, Method of Statement for EMP implementation, Site specific EMP could not be submitted by ICB 2.8 and ICB 2.11. Each design package contractor will update IEE report according to SEMP and approve prior to civil works from PMU and ADB. |
| Submission of SEMP implementation report (<i>specify in comments frequency – daily, weekly, monthly or quarterly basis</i>) | Contractors have not commenced work yet. | | <ul style="list-style-type: none"> - clarify how often the contractor should be submitting SEMP implementation report to PMU | Contractor will submit monthly SEMP implementation report during construction period to PMU |
| Site verification by PMU, PIU, or consultants (<i>verification report should be attached to the SEMR</i>) | Contractors have not commenced work yet. Thus no site verification yet by PMU and/or DSMC. | None. | <ul style="list-style-type: none"> - None. | - |
| SEMR compliance matrix on mitigation measures implementation (matrixes are based on approved SEMP) | Compliance matrix for EMP implementation provided in Appendix 1 of the SEMR. No status provided yet as no works have started. SEMP are not yet submitted. | | Provide SEMP prior to start of works since the IEE is based on detailed engineering design | During reporting period, no SEMP has been prepared by each contract package. During updating IEE Report, each contract package (ICB 2.8 and ICB 2.11) has prepared site specific EMP according to contractual obligations (Section 6 and Section 8). |
| Other information | Statutory clearances | It is clear that this is part of the contractor's obligation. However, please provide specific permits and clearances that have to be obtained prior to commencement of works | <ul style="list-style-type: none"> - Indicate government mandate in terms of tree replacement - Identify specific permits/clearances to be obtained by contractor and the timeline to obtain | <ul style="list-style-type: none"> - Plant and maintain 5 trees of the same species for every one that is removed. - Road cutting permission are to be obtained by each civil works contractor before implementation and approximately one month will require after application. |
| F. Environmental Monitoring based on EMP | | | | |
| Rationale | Appendix 2 – PMU provide a Performance Fact Sheet for EMP Implementation | | | |
| Parameters to be monitored are commensurate to the impacts, | Parameters to be monitored are based on EMP mitigation measures: | No work yet therefore no information during reporting period | <ul style="list-style-type: none"> - ensure pre-construction requirements and mitigation measure per | To be monitor for EMP implementation during construction works. |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|---|---|--|--|
| mitigation measures, and project/subproject/package | <ul style="list-style-type: none"> - sources of materials - campsites - landscape and aesthetics - air quality - noise level - traffic - ecological resources (terrestrial) - accessibility - water quality - OHS - community health and safety - socio-cultural resources - employment generation | | EMPs are implemented (to be checked in the next SEMR) | |
| Sampling locations identified and appropriate | Information not provided. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the sampling locations based on contractors SEMP | Each contract Package will conduct baseline monitoring (air, noise ,water quality) according to monitoring plan specified in the updating IEE report for each package before start civil works. Sampling location will be provided if each contractor will do before submitting next SEMR. |
| Sampling frequency identified and appropriate | Information not provided. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the sampling frequency based on contractors SEMP | Will be provided |
| Sampling collection and analysis are in accordance with internationally-accepted practices | Information not provided. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the sampling collection and analysis based on contractors SEMP | Will be provided |
| Standards and performance indicators are compliant with ADB SPS requirements ⁴ (provide justification if less stringent standards are used) | Information not provided. | Table/s comparing Government of Bangladesh standards vs. EHS guideline values should be included in the | - If less stringent levels or measures are appropriate in view of specific project circumstances, the borrower/client will provide | Will be provided |

⁴ ADB SPS (Appendix 1 para 33) requires projects to apply pollution prevention and control technologies and practices consistent with international good practices as reflected in internationally recognized standards such as the World Bank Group's Environmental, Health and Safety Guidelines (<https://www.ifc.org/ehsguidelines>). These standards contain performance levels and measures that are normally acceptable and applicable to projects. When host country regulations differ from these levels and measures, the borrower/client will achieve whichever is more stringent. If less stringent levels or measures are appropriate in view of specific project circumstances, the borrower/client will provide full and detailed justification for any proposed alternatives that are consistent with the requirements presented ADB SPS.

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|---|---|---|--|---|
| | | SEMR. The more stringent value will be applicable to the project. Table is attached for reference. | full and detailed justification. | |
| G. Environmental monitoring results (narrative based on presented results) | | | | |
| Visual inspection (<i>refer to EMP tables in the IEE where visual inspections are required to determine if there are environmental impacts</i>) | No site inspection conducted during the reporting period. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - in the next SEMR, provide detailed discussions on findings of visual inspections | When contractor will start civil works, then provide findings of visual site inspection in next SEMR When contractor |
| Air quality results | No sampling and analysis conducted during the reporting period. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the summary of air quality monitoring conducted vs. applicable standards/guideline values - if there are exceedance/non-compliance, specify corrective actions | When contractor will conduct baseline air quality during preconstruction, necessary data, standards and compliance will be provided. Pre-construction monitoring will be done before construction start for each contract package. |
| Water quality results | No sampling and analysis conducted during the reporting period. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the summary of water quality monitoring conducted vs. applicable standards/guideline values - if there are exceedance/non-compliance, specify corrective actions | When contractor will conduct baseline water quality during preconstruction, necessary data, standards and compliance will be provided. Pre-construction monitoring will be done before construction start for each contract package. |
| Noise level results | No sampling and analysis conducted during the reporting period. | SEMP not yet submitted by contractors yet therefore no information during reporting period | - provide in the next SEMR the summary of noise level monitoring conducted vs. applicable standards/guideline values - if there are exceedance/non-compliance, specify corrective actions | When contractor will conduct baseline noise level data during preconstruction, necessary data, standards and compliance will be provided. Pre-construction monitoring will be done before construction start for each contract package. |
| Others | n/a | n/a | | |
| H. Consultations and/or FGDs during the reporting period | | | | |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|--|--|---|--|
| Number | Information not provided. | It is not clear if consultations were conducted or not during the reporting period. | - reminder that consultations are continuous activities - any consultation (formal or informal) should be documented and reported | During reporting period, no consultations was conducted. It will be provided next SEMR (July-December, 2018) |
| Reason/s for consultations/FGDs | Information not provided. | | - attach/append summary of consultations conducted, if any - if no consultations/FGDs conducted during the reporting period, provide justification | |
| Number of participants | Information not provided. | | Provide information | |
| Number of female participants | Information not provided. | | Provide information | |
| I. Trainings, Workshops, Seminars during the reporting period | | | | |
| Number | Information not provided. | | Provide information | During reporting period no training was conducted |
| Topics | Information not provided. | | Provide information | |
| Number of participants | Information not provided. | | Provide information | |
| Number of female participants | Information not provided. | | Provide information | |
| J. Grievance Redress Mechanism | | | | |
| GRM per PAM or IEE/EARF established | An apex GRC will be formulated to address grievances pertaining to broader concerns related to the program/subproject. PD DWSNIP to decide upon the membership of the committee. | It is written in the PAM that within 6 months of project effectiveness , DWASA will prepare a grievance redress mechanism, acceptable to ADB, and establish a grievance redress committee to receive and resolve complaints/grievances or act upon reports from stakeholders on misuse of funds and other irregularities relating to the project, including but not limited to grievances due to safeguard issues | - this is overdue activity - specify timeline for establishing the GRM per PAM and IEEs | Establish grievance redress committee at PMU and PCU Level is under process. The committee will be establish in order to receive and resolve complaints/grievances or act upon reports from stakeholders on misuse of funds and other irregularities relating to the project, including but not limited to grievances due to safeguard issues. |
| GRM notified via publication or notice boards | No notification yet. | | - specify timeline for GRM notification | GRM notification will be taken place in November 2018. |
| GRM members identified | No GRM members have been appointed. | | - specify timeline for GRM members appointment - ensure contractors are provided with GRM | GRM Members will be appointed in November 2018. |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|---|---|--|--|
| | | | induction so they understand their role and responsibilities | It will be ensured that Contractors to be provided GRM induction so they understand their role and responsibilities. |
| GRM members have capacity to address project-related complaints (<i>detailed information on capacity development of GRM members such as trainings, workshops, briefings, etc should be attached in the SEMR</i>) | No information provided. | GRM members should be provided with project briefings and explained with the project GRM | - ensure GRM members are provided with project briefing and GRM per PAM and/or IEEs - identify gaps and training needs - provide necessary capacity building | It will be ensured that GRM members are provided with project briefing and GRM per PAM and/or IEEs. Training needs will be identified and provided capacity building training accordingly. |
| Number of meetings conducted (<i>attach minutes of the meeting</i>) | No information provided. | | - provide information | |
| K. Complaints Received (<i>detailed information on nature of complaints, summary and status of resolution</i>) | | | | |
| Number of complaints | No complaints received during the reporting period. | None. | | |
| Nature (<i>provide summary of issues/concerns</i>) | n/a | None. | | |
| Status of resolution | n/a | None. | | |
| L. Summary of Issues and Corrective Actions | | | | |
| Major issues/concerns (specify) | None. | This the first SEMR submission. No construction related issue. However, GRM should be established and notified. Consultations should be continued and reported. SEMP's should be cleared prior to start of works. | - PMU to address the comments in the next SEMR. | If construction will start before next SEMR, then major issues/concerns will be addressed in the report. Each contract package will submit SEMP and approve from ADB prior to start of works. |
| Corrective Action to be implemented, timeline, responsible person/s, and budget are clearly specified | None. | | | |
| M. Status of Corrective Action Plan from Previous Reporting Period (list all and provide status) | | | | |
| | None. | This the first SEMR submission. | | |
| | | | | |
| | | | | |
| | | | | |
| N. Appendixes | | | | |

| Item | Findings in the SEMR | Comments | Action/s Required | Response by PMU |
|--|-----------------------------|--|--|--|
| Photos | None. | | - next SEMR, provide site photographs with dates and locations (specifically for areas to be used as materials storage, disposal, near water bodies, high population areas, protected areas, physical cultural resources, and/or work areas with sensitive receptors. - photos should support the site inspection results | Necessary photographs will be provided highlighting material storage area, disposal area, physical cultural resources etc. after contractor for each package will start civil works. |
| Summary of consultations | None. | | - include in next SEMR | Will include |
| Copies of environmental clearances and permits | None. | | - include in next SEMR | |
| Site EMPs | None. | | - include in the next SEMR | |
| Checklists | Performance Fact Sheet | Useful. But should be revised according to contractors' SEMP | - include in the next SEMR | |
| Others | | | - include in the next SEMR: GRM notification Permits/clearances | |

O. Review and clearance for disclosure

| | | |
|-------------------------------------|--|--------------------|
| Reference | SEMR submitted by PD DWSNIP on 12 December 2018 | |
| | Name | Date |
| Reviewed by | Zarah Pilapil, ADB | 08 Jan 2019 |
| Noted by | Ninette Pajarillaga, ADB | 10 Jan 2019 |
| Response to ADB comments by: | | |
| | | |
| Status/Remarks | 1. Recorded as submitted | 12 Dec 2018 |
| | 2. Send comments to PMU for response to comments | |
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