

# Semi-Annual Environmental Monitoring Report

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Project Number: 39295  
December 2015

## BAN: Third Urban Governance and Infrastructure Improvement (Sector) Project

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

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## **I. INTRODUCTION**

### **A. Purpose of the Report**

1. ADB Loan 3142-BAN (SF)/1626P OFID, the Third Urban Governance and Infrastructure Improvement (Sector) Project, commenced on July 01, 2014 and the Management Design and Supervision (MDS) Consultants started their activities in the project on April 19, 2015. MDS Consultant's Safeguard team was joined during the June of 2015. The present report is the first Semi-Annual Environmental Safeguard Monitoring Report to be prepared under the loan.

2. The ADB Public Communications Policy (PCP 2011) references the Safeguard Policy Statement (SPS 2009) in respect to information disclosure related to project safeguard documentation and states that "ADB shall post on its website [among other] documents submitted by the borrower and/or client the safeguard and environmental monitoring reports, upon receipt by ADB." (PCP 2011) SPS (2009) contains similar wording in reference to posting of "environmental, involuntary resettlement, and Indigenous Peoples monitoring reports submitted by borrowers/clients during project implementation upon receipt" and goes on to specify under "Monitoring and Reporting" that "the borrower/client will submit at least semiannual monitoring reports during construction for projects likely to have significant adverse environmental and social and resettlement impacts."

3. This 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.

### **B. Overall Project Description and Objectives**

4. The project will strengthen urban governance and improve urban infrastructure and service delivery in 31 pourashavas (municipalities) in Bangladesh. Building upon the successful implementation of earlier similar type of projects (UGIIP-I and UGIIP-II), the project will provide investment funds to pourashavas based on their governance performance. The project will develop towns with high growth potential in an integrated and holistic way both in terms of governance and infrastructure with an aim at making them model towns of the country. In addition to the focused interventions to these towns, the project will roll out application of governance performance criteria linked with fund allocation to all Class-A pourashavas in the country.

5. Impact and Outcome: The impact will be improved living environment in project towns. The outcome will be improved municipal service delivery and urban governance in project towns. Project towns are 31 pre-selected towns to be supported in an integrated manner under the project.

### **C. Description of Subprojects**

6. Proposed subproject investments are shown in Table 1. As can be seen these covered a range of improvements under 10 Priority Pourashavas, developed during the PPTA, then focused primarily on road and drainage improvement subprojects under remaining 21 Pourashavas developed during the loan implementation phase, followed by Solid Waste Management and Water Supply Improvement subprojects where required and available suitable land in the Pourashavas.

**Table 1: Subprojects and Components Proposed**  
(ADB Loan No. 3142-BAN (SF)/1626P OFID)

Water Supply	Source Augmentation	Deep Tube Wells (Hand Pump)
		Deep Tube Wells (Production Pump)
	Distribution	Piping, Valves and Fittings
	Treatment	Water Treatment (Iron and Arsenic Removal)
	Storage	Elevated Tank
	System improvement	Repair/Replacement of Lines
		Bulk Water Meters
		Domestic water meter
Sanitation	Community Facility	Community Toilets
	Public Facility	Public Toilets
	Septic Tank	Vacuum Units
Solid Waste Management	Disposal / Waste Collection	Disposal Alternatives
		Neighborhood Collection
	Waste Transfer	Community Storage Bins
		Dump Trucks/Rickshaw
	Waste Disposal	Transfer Station
		Access Road to Landfill
		Landfill Facility
		Treatment/Composting
Urban Drainage	Roadway Drainage	Roadside Drains
	Area Drainage	Outfall
		Main Drain
		Secondary and Tertiary Drains
		Retention Pond
Urban Transport & communication	Roadway Provision	Bridge Replacement
		Drainage/Culverts
		Roadway Widening/Resurfacing
Slum	System Improvement	Repair/Replacement of Lines
	Community Facility	Community Toilets
	Septic Tank	Vacuum Units
Public use facilities	Municipal Facilities	Market/Community Centres
		Municipal and Kitchen Markets
		Improvement of Slaughterhouses
		Bus and Truck Terminals

**Table 2: Pourashavas covered under UGIIP-III**

<u>Priority Pourashava: Road and Drainage Subproject (PPTA):</u>	
1. Naogaon Pourashava	
2. Magura Pourashava	
3. Lalmonirhat Pourashava	
4. Kishoreganj Pourashava	
5. Muktagacha Pourashava	
6. Netrokona Pourashava	
7. Sherpur Pourashava	
8. Bera Pourashava	
9. Charghat Pourashava	
10. Bandarban Pourashava	
<u>Remaining Pourashava: Road and Drainage, Water Supply and Solid waste Management Subprojects:</u>	
1. Chapai Nowabganj Paurashava	2. Habiganj Paurashava
3. Moulvibazar Paurashava	4. Laxmipur Paurashava
5. Chhatak Paurashava	6. Joypurhat Paurashava
7. Laksam Paurashava	8. Shahjampur Pourashava
9. Rangamati Paurashava	10. Ishwardi Paurashava
11. Meherpur Paurashava	12. Nabinagar Paurashava
13. Panchagarh Paurashava	14. Jessore Paurashava
15. Rajbari Pourashava	16. Khagrachori Pourashava
17. Kotalipara Pourashava	18. Nilphamari Pourashava
19. Chuadanga Pourashava	20. Benapole Pourashava
21. Tungipara Pourashava	

7. OPEC Fund for International Development (OFID) also supports subprojects civil works for 6 Pourashavas namely Rajbari, Benapole, Chuadanga, Jessore, Kotalipara and Meherpur those will prepare by the Management Design and Supervision Consultants (MDSC) and implemented through PIUs.

8. Government of Bangladesh supports the subprojects of civil works for Tungipara Pourashava.

#### **D. Environmental Category of Subprojects**

9. The Third Urban Governance Infrastructure Improvement (Sector) Project has been classified as environmental “Category B” by criteria in the Environmental Policy of the ADB; therefore subprojects are considered Category B.

10. 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, Orange B and Red Categories. The Department of Environment (DoE) has issued Site Clearance Certificate to the Project UGIIP-III, that applicable for the development of the infrastructure of the project. Further clearance is required for the Red Category subproject; a comprehensive Environmental Impact Assessment (EIA) report including the overall activities of the construction implementation in accordance with ToR and Time Schedule of completion to the Department of Environment (DoE), by means of a Letter No. DoE/Clearance/5444/2015/256 dated 21/05/2015 (Annexure-1). Since there are some sub-

projects in the red category, ToR and EIA will be prepared during the detail design of the proposed red category subproject.

#### **E. Personnel and/or Consultants Responsible for Environmental Monitoring**

11. Monitoring of mitigation measures during construction are the responsibility of the PIU Environmental Management Officer, supported by the PMO Environmental Specialists. The monitoring system involves a Monitoring Checklist, which reflects the requirements of the EMP and Special Conditions. The checklist is to be filled in quarterly by the PIU.

**Table 3: Name of the List of Pourashava Safeguard Officer**

<b>Sl. No.</b>	<b>Name of Pourashva</b>	<b>Name of Safeguard Officer</b>	<b>Designation</b>	<b>Remarks</b>
1.	Lalmonirhat	Md. Tarik Reza	Executive Engineer	
2.	Magura	Md. Saiful Islam	Assistant Engineer	
3.	Naogaon	Md. Anisur Rahman	Urban Planer	
4.	Bera	Sha Kho. Firuzuk Alam	Assistant Engineer	
5.	Charghat	Md. Rezaul Karim	Assistant Engineer	
6.	Kishoreganj	Md. Rafiqul Islam	Assistant Engineer	
7.	Muktagacha	Sukomal Roy	Assistant Engineer	
8.	Netrokona	Jahidul Hasan	Assistant Engineer	
9.	Rajbari	Mohammad Ali Khan	Assistant Engineer	
10.	Sherpur	Md. Khorshed Alam	Assistant Engineer	
11.	Bandarban	Rui Pro Ong Marma	Assistant Engineer	
12.	Benapole	Md. Mosaruf Hossain	Assistant Engineer	
13.	Chapai Nawabganj	Md. Imran Hossain	Urban Planer	
14.	Chhatak	Prodip Chandra Roy	Assistant Engineer	
15.	Chuadanga	Md. Ayub Ali Biswas	Executive Engineer	
16.	Habiganj	Modusudan Das	Executive Engineer	
17.	Ishwardi	Khan Md. Mostafizur Rahman	Assistant Engineer	
18.	Jessore	Md. Ahsan Bari	Assistant Engineer	
19.	Joypurhat	A.T.M. Mostafizur Rahman	Assistant Engineer	
20.	Khagrachari	Md. Jamal Hossain	Assistant Engineer	
21.	Kotalipara	Md. Nasir Uddin	Assistant Engineer	
22.	Laksam	A.T.M. Mahiuddin Khandakar	Executive Engineer	
23.	Laxmipur	A.K. Mostafizur Rahman	Assistant Engineer	
24.	Meherpur	Md. Harun-Ur-Rashid	Executive Engineer	
25.	Moulvibazar	Syed Nakibul Rahman	Assistant Engineer	
26.	Nabinagar	Md. Abdul Hakim	Assistant Engineer	
27.	Nilphamari	Md. Dudu Miah	Assistant Engineer	
28.	Panchagarh	Md Jasim Uddin Sarkar	Executive Engineer	
29.	Rangamati	Atiqur Rahman	Executive Engineer	
30.	Shahjhadpur	Md. Shahjahan Ali	Executive Engineer	
31.	Tungipara	Md. Shamsul Alam	Executive Engineer	

#### **F. Overall Project and Sub-project Progress and Status**

12. As of the end of December 2015, construction contracts are underway for Road and Drainage subproject of 10 Priority Pourashava as follows (see Table 3): Lalmonirhat Road and Drainage subprojects: 2 packages containing 7 road and 3 drainage schemes of works valued at Tk. 1,278.83 Lakh, Magura Road and Drainage subprojects: 2 packages containing 14 roads and 8 drainage schemes of values Tk. 1,376.79 lakh, Naogaon Road and Drainage subprojects: 2 packages containing 10 roads and 2 drainage schemes of values Tk. 1,599.23 lakh, Bera Road and Drainage Subprojects: 2 packages containing 10 roads and 5 drainage schemes of values Tk. 1,220.18 lakh, Charghat Road and Drainage subprojects: consisting 1 package containing 2 lots of works of values Tk. 1,113.56 lakh, Kishoregonj Road and Drainage subprojects: 3 packages containing 17 roads and 8 drainage schemes of values Tk. 1,046.02 lakh, Muktagacha road and Drainage subprojects: consisting 1 package containing 2 lots for 10 roads and drainage schemes of values Tk. 531.66 lakh, Netrokona Road and Drainage subprojects: consisting 1 package containing 2 lots for

14 roads and 13 drainage schemes of values Tk. 1,595.00 lakh, Rajbari Road and Drainage subprojects: 2 packages containing 15 roads and 2 drainage schemes of values Tk. 1,295.30 lakh and Sherpur Road and Drainage subprojects: 3 packages containing 26 roads and 10 drainage schemes of values Tk. 2,401.03 lakh. A total of Nineteen (19) contracts have been signed and some of them are in progress; maintenance works of 5 roads in Magura Pourashava and 1 road in Sherpur Pourashava are completed and those are in operational. 4 Roads in Naogaon, 1 road in Bera, 15 roads & 9 drains in Khisoregonj, 6 roads & 2 drains in Muktagacha, 5 roads & 11 drains in Netrokona, 8 roads and 2 drains in Rajbari and 1 road & 2 drains in Sherpur pourashava are not yet started. Although overall progress is slow in Naogaon, Bera, Charghat, Kishoregonj, Muktagacha, Netrokona, and Rajbari pourashava.

13. As of the end of December 2015, sub-projects for remaining Pourashavas (Road and Drainage Sub projects 21 Pourashavas) are in various stages of tendering process. IEEs have been prepared for all of these 21 pourashavas for Road and Drainage submitted to PMO prior to tendering and all of them are already tendered approval under process.

**Table 4: Subproject Status as of 31 December, 2015**

No.	Sub-Project Name	Status of Sub-Project				Contract Amount (lakh)	List of Works	Progress of Works
		Design	Pre-Construction	Construction	Operational Phase			
Priority 10 Pourashavas (PPTA):								
1	Lalmonirhat: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,278.83	Rehabilitation of BC & RCC Road (1 package), Drainage (1 package)	Rehabilitation of BC RCC roads almost complete, New construction of RCC in progress, 20% complete. Drainage works: 80% complete
2	Magura: Road and Drainage	Complete	Complete	In Progress	5 Roads are in operational	1,376.79	Rehabilitation of 10 BC Roads & 4 Road Imp. (1 package), 8 Drainage (1 package)	Rehabilitation of 5 Roads is 100% complete, 5 are 60-80% complete. Road Imp. 60-95% complete. 8 Drainage 20-85% complete
3	Naogaon: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,599.23	Rehabilitation of 7 BC roads, 1 BFS Roads 2 CC Roads (1 package) 2 Drainage (1 package)	Rehabilitation of 4BC Roads in progress 30-75% complete, 3 Roads not yet started, 2CC Roads complete, 1CC road not started. 2 Drainage 25-40% complete.
4	Bera: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,220.18	Improvement of 10 Roads (1 package) 5 Drainage (1 package)	9 Roads are in progress; 25-70% complete, 1 Road not yet started. 5 Drainage in progress, 9-70% complete
5	Charghat: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,113.56	1 Package; Lot -1: Road and Drain, Lot-2: Drainage	Lot -1: In progress 55% complete; Lot-2: In progress, 30% complete.
6	Kishoregonj: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,046.02	4 Roads & 4 RCC drains (Paackage-1); 6 Roads & 3 Drains (Package-2), 7 Roads & 2 Drains (Ppackage-3)	1 Road in package 2 (60% complete) & 1 Road in package 3 (5% complete) in progress, all others not yet started.
7	Muktagacha: Road and Drainage	Complete	Complete	In Progress	Not yet started	531.66	2 Lots in 1 package. Lot-1: Rehabilitation/ Improvement of 10 Roads, Lot-2: Construction of 4 RCC Drainage	4 Roads are in progress; 10-97% complete and 6 Roads not yet started. 2 Drains are in progress; 10-35% complete and 2 Drains are not yet started.
8	Netrokona: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,595.00	2 Lots in 1 package. Lot-1: Rehabilitation/ Improvement of 6 Roads, Lot-2: Rehabilitation/ Improvement of 8 Roads and construction of 13 RCC Drains.	5 Roads are in progress; 3-50% complete, 1 Road not yet started in Lot 1. 4 Roads are in progress; 15-50% complete, 2 Drains is in progress; 75% complete, 4 Roads & 11 Drains not yet started in Lot 2.
9	Rajbari: Road and Drainage	Complete	Complete	In Progress	Not yet started	1,295.30	Rehabilitation/ Improvement of 15 Roads (1 package); Construction of 2 RCC Drains (1 package)	7 Roads are in progress 5-60% complete, 8 Roads not yet started; Works in 2 Drains not yet started.
10	Sherpur: Road and Drainage	Complete	Complete	In Progress	1 Road is in operational	2,401.03	Rehabilitation/ Improvement of 12 Roads (Pack-1); Rehabilitation / Improvement of 14 Roads & Construction of 1 Drain (Pack-2); Construction of 9 Drains (Pack-3)	1 Road is completed, 11 Roads are in progress, More than 90% completed for 9 roads, 50% completed for 2 roads in Pack-1; Road works in progress, more than 80% completed, Drain not yet started in Pack-2. Except 1 drain works are in progress, 25-95% completed.
Remaining 21 Pourashavas:								
11	Bandarban: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
12	Benapole: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
13	Chapainawabganj: Road and Drain	Complete	In Progress	Not yet started	Not yet started		N/A	N/A



No.	Sub-Project Name	Status of Sub-Project				Contract Amount (lakh)	List of Works	Progress of Works
		Design	Pre-Construction	Construction	Operational Phase			
14	Chatak: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
15	Chuadanga Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
16	Habigonj: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
17	Ishwardi: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
18	Jessore: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
19	Joypurhat: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
20	Khagrachari Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
21	Kotalipara: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
22	Laksam: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
23	Laxmipur: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
24	Meherpur: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
25	Moulvibazar: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
26	Nilphamari: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
27	Nabinagar: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
28	Panchagarh: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
29	Rangamati: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
30	Shahjadpur: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A
31	Tungipara: Road and Drainage	Complete	In Progress	Not yet started	Not yet started		N/A	N/A

## II. COMPLIANCE STATUS WITH NATIONAL STATUTORY REQUIREMENTS

14. The DoE issued Environmental Site Clearance Certificate referred to in Sec. I.D covered all subprojects with the exception of Red Category subprojects and attached some special conditions therewith are being monitored during implementation in accordance with the Environmental Management Plan (EMP) for the subprojects. In Second phase Water Supply Improvement and Solid Waste Management subproject are included in the implementation pipeline. These 2 components of subprojects (WS & SWM) are in Red Category according to Schedule 1 of ECR` 97 of Government of Bangladesh. Field verifications are going on for environmental assessment and preparation of IEE.

15. All requirements of the Government of Bangladesh related to environmental clearance being met before implementation of the incoming subproject in future as per statutory requirements related to environmental management that apply to the Third Urban Governance Infrastructure Improvement (sector) Project (UGIIP-III).

**Table 5: Compliance Status with National statutory Environmental Requirements**

Sl. No.	Sub-Project Name	Statuary Environmental Requirement	Status of Compliance	Action Required
1.	Urban Transport and Communication	Sector IEE	Site Clearance given by DoE	N/A
2.	Urban Drainage	Sector IEE	Site Clearance given by DoE	N/A
3.	Water Supply	ToR and EIA	Draft EIA under preparation	In progress
4.	Sanitation	Sector IEE	Site Clearance given by DoE	N/A
5.	Solid Waste Management	ToR and EIA	Draft EIA under preparation	In progress
6.	Slum			Not yet identified
7.	Public use facilities	ToR and EIA for Bus and Truck Terminals	Investigation In progress	

### **III. COMPLIANCE STATUS WITH ENVIRONMENTAL LOAN COVENANTS**

16. The covenants to the loan agreement with ADB, to which OFID is a party, requires that the EARF be complied with during implementation of the Project and 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 and OFID.”

17. Covenants written into the loan agreement that are related to environmental safeguards are listed in Table 6. These refer to actions that need to be taken up during the implementation of subproject construction activities. The status of compliance is described in the table.

#### **IV. COMPLIANCE STATUS WITH ENVIRONMENTAL LOAN COVENANTS**

18. The covenants to the loan agreement with ADB, to which OFID is a party, requires that the EARF be complied with during implementation of the Project and 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 and OFID.”

19. Covenants written into the loan agreement that are related to environmental safeguards are listed in Table 6. These refer to actions that need to be taken up during the implementation of subproject construction activities. The status of compliance is described in the table.

**Table 6: Status of Environment and Related Loan Covenants as of 31 December 2015**

Sl. No.	Covenant	Status of Compliance	Action Required
<b>Project Specific Covenants (Section 4.01)</b>			
<b>Implementation Arrangements:</b>			
1.	The Borrower, LGED and the Project Executing Agency shall ensure that the Project is implemented in accordance with the detailed arrangements set forth in the PAM. Any subsequent change to the PAM shall become effective only after approval of such change by the Borrower and ADB. In the event of discrepancy between the PAM and the Loan Agreement, the provisions of this Loan Agreement shall prevail.	Complied with	
2.	The Borrower, LGED shall ensure the establishment of (a) a PMO and (b) a PIU in each participating Pourashava, in a timely manner with adequate full-time staff to implement the project and each subproject in accordance with the requirements and procedure set forth in the PAM. The Borrower shall also ensure that staff and officials who receive training under the project are not transferred out their respective organization for the duration of the project implementation.	Complied with	
<b>Coordinating among the Borrower's Agencies:</b>			
3.	The Borrower shall be fully committed to the Project and shall ensure that all its ministries, agencies and divisions involved in the implementation of the project, including local government authorities, give their full cooperation to ensure smooth implementation of the project. Specially, the Borrower shall cause the project Executing Agency and any other relevant authority to give full, timely and efficient cooperation in issuing any licenses, permits or approvals required in connection with construction, upgrade, and/or improvement of Project facilities within the Project areas.	Complied with	
<b>Policy Related Matters:</b>			
4.	Within 6 months of the Effective Date, The Borrower shall approve a revised organogram for Pourashavas to strengthen their functions in terms of urban planning and management of water supply systems.	Pending	
5.	The Borrower shall approve (a) the National Urban Policy within 3 months of the Effective Date; and (b) within 12 months of such approval, a comprehensive sector development program which builds on the sector development plan as set forth in Appendix 10 of the PAM. The Borrower shall also provide adequate support and guidance to Pourashavas to facilitate controlled and sustainable urban development, including the appointment of qualified full-time staff and timely gazetting of urban master plans endorsed by Pourashavas.	Pending	
6.	The Borrower shall remain committed to performance-based budgetary allocations during Project implementation and thereafter, and shall develop by 2018 a unified set of objective performance criteria to be applied generally to all Pourashavas to assess municipal governance for the purpose of increasing its budgetary allocation of annual block grants to Pourashavas linked to performance.	On going	
<b>Counterpart Funds:</b>			
7.	The Borrower shall provide, as necessary, counterpart staff, land, facilities and funding required for	Being Complied	

Sl. No.	Covenant	Status of Compliance	Action Required
	timely and effective implementation of the Project, including, without limitation, any funds required (a) to meet any shortfall between cost and revenues for the O&M of Project facilities; (b) to mitigate unforeseen environmental or social impacts; and (c) to meet any additional costs arising from design changes, price escalation in construction cost and/or unforeseen circumstances such as proceeds of the OFID Loan not being made available. The Borrower shall make the resources thus required available on an annual basis for the fiscal year.	With	
8.	The Borrower shall ensure, or cause the Project Executing Agency to ensure, that each Participating Pourashava provides adequate funds from budgetary allocations or other sources to cover, at a minimum, (a) its loan repayment obligations under the Subsidiary Financing Agreement; and (b) O&M costs for the relevant Subproject(s) and Project facilities.	Pending	
	<b>Project Website:</b>		
9.	Within 6 months after the Effective Date, the Borrower shall ensure the Project Executing Agency, through its website or a project-specific website, disclose key project-related information, including costs, safeguards, and procurement matters such as basic details of bidding procedures adopted, the list of participating bidders, name of the winning bidders, amount of contract award, and the list of goods/services procured. The website shall also include general information on project progress, as well as contract details for the project Executing Agency's counterpart staff in Bangla and English languages, and shall provide a link to ADB's office of Anticorruption and Integrity website at <a href="http://www.adb.org/site/integrity/main">http://www.adb.org/site/integrity/main</a> for reporting to ADB any grievances or allegations of corrupt practices arising out of the project and/or Project activities. The Borrower shall causes the Project Executing Agency to ensure that all Project staff are fully aware of ADB's procedures, including, but not limited to, procedures for implementation, procurement, disbursements, reporting, monitoring, and prevention of fraud and corruption.	Complied With	
	<b>Grievance Redress Mechanism:</b>		
10.	Within 12 months after the Effective Date, the Borrower shall ensure that the Project Executing Agency prepare a grievance redress mechanism, acceptable to ADB, to receive and resolve complaints/grievances or act upon reports from stakeholders on any irregularities, including grievances due to resettlement. The mechanism shall (a) make the public aware of the existence of this grievance redress mechanism; (b) receive, review and address complaints/grievances of stockholders of the Project, in relation to the Project, any of the service providers, or any person responsible for carrying out of any aspect of the Project; and (c) proactively and constructively respond to them.	Grievance Redress Cell has been established in PMO and all PIUs	.
	<b>Pourashava Eligibility:</b>		
11.	The borrower shall seek and obtain a letter of commitment from each Participating Pourashava, with endorsement from the respective town –level coordination committee, indicating its commitment to governance reform and model town development, as a prerequisite for inclusion in the project.	Complied With	

Sl. No.	Covenant	Status of Compliance	Action Required
12.	<p>The Borrower shall ensure that:</p> <p>No Pourashava receives any funding under Window A until It has fulfilled the relevant criteria for the 3 phases of the UGIIP, namely (i) the entry criteria for phase 1; (ii) the intermediate criteria for phase 2; and (iii) the advanced criteria for phase 3 ; as set forth in Appendix 6-1 of the PAM</p> <p>(b) no Pourashava receives any funding under Window B until it has been assessed in accordance with paragraph 13 below and found to have performed to a standard acceptable to the Project Executing Agency and ADB against the criteria for Window B set forth in Appendix 6-2 of the PAM; and</p> <p>(c) The amount of funding to be allocated for each phase of Window A and Window B shall be as agreed between the Borrower and ADB.</p>	Being Complied	
13.	For the purposes of Window B, the Borrower shall ensure that (a) performance assessments are conducted twice during project implementation in consultation with ADB on all Class A Pourashavas and those Class B and Class C Pourashavas that wish to participate in an assessment; and (b) performance-based funds in amounts as agreed by the Borrower and ADB are allocated to the best performing Pourashavas as determined by the Project Executing Agency and ADB.	To be done in due course	
<b>Subproject Appraisal and Selection:</b>			
14.	The project Executing Agency shall ensure that all Subprojects are selected and implemented in accordance with the subproject selection criteria and requirements as agreed with ADB and set forth in Appendix 5 to the PAM.	Complied With	
15.	The Borrower shall ensure, or cause the Project Executing Agency to ensure that there is no overlap of activities between Subprojects and projects funded by other development partners.	Complied With	
<b>Environment:</b>			
16.	The Borrower shall ensure, or cause the Project Executing Agency 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, rules 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, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Complied with	
<b>Resettlement:</b>			
17.	The Borrower shall ensure, or cause the project Executing Agency to ensure, that all land and all rights-of-way required for the project, each Subproject and all project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws, rules and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary resettlement Safeguards; (c) the RF; and (d) all measures and requirements set forth in the respective RP, and any corrective or preventative actions set forth in the Safeguards Monitoring Report.	Being Complied	

Sl. No.	Covenant	Status of Compliance	Action Required
18.	Without limiting the application of the Involuntary Resettlement Safeguards, the RF or the RP, the Borrower shall ensure, or cause the project Executing Agency to ensure, that no physical or economic displacement takes place in connection with the project or a subproject until; (a) Compensation and other entitlements have been provided to affected people in accordance with the RP; and (b) A comprehensive income and livelihood restoration program has been established in accordance with the RP.	Being Complied	
	<b>Small Ethnic Community Peoples:</b>		
19.	The Borrower shall ensure, or cause the project Executing Agency to ensure that the preparation, design, construction, implementation and operation of the project, each subproject and all project facilities comply with (a) all applicable laws, rules and regulations of the Borrower relating to small ethnic community peoples; (b) the indigenous peoples Safeguards; (c) the SECPF, and (d) all measures and requirements set forth in the respective SECDP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Being Complied	
	<b>Human and Financial Resources to Implement Safeguards Requirements:</b>		
20.	The Borrower shall make available, or cause the project Executing Agency to make available, necessary budgetary and human resources to fully implement the EMP, the RP and the SECDP (if any).	Being Complied	
	<b>Safeguards Related Provisions in Bidding Documents and Works Contracts:</b>		
21.	The Borrower shall ensure, or cause the project Executing Agency to ensure, that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures relevant to the contractor set forth in the IEE, the EMP, the RP and the SECDP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, the RP or the SECDP (if any); (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction, and (e) reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	Being Complied	
	<b>Safeguard Monitoring and Reporting:</b>		
22.	The Borrower shall do the following or cause the project Executing Agency to do the following: (a) submit semiannual safeguards Monitoring Reports to ADB and disclose relevant Information from such reports to affected persons promptly/upon submission;	Being Complied	



Sl. No.	Covenant	Status of Compliance	Action Required
	<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 IEE, the EMP, the RP or the SECDP (if any) 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 EMP, the RP or the SECDP (if any) promptly after becoming aware of the breach.</p>		
<b>Prohibited List of Investments:</b>			
23.	The borrower shall ensure that no proceeds of the Loan or OFID Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.	Complied	
<b>Gender and Development:</b>			
24.	The Borrower shall ensure that the project Executing Agency and each Participating Pourashava adopt and implement the GAP in a timely manner during the entire project period, and that adequate resource are allocated for this purpose. In particular the Borrower shall cause the Project Executing Agency to ensure that the targets stated in the GAP are achieved and that adequate training for Project staff on the GAP is conducted, implementation of the GAP shall be closely monitored, and the progress shall be reported to ADB on a quarterly basis.	Each Project Pourashava has prepared GAP endorsed by TLCCs and all allocated funds for GAP Implementation	
<b>Labor, Health and Anti-Human Trafficking:</b>			
25.	The Borrower, the Project Executing Agency and Participating Pourashavas shall ensure that contractors, comply with all applicable labor, health, and safety laws, rules and regulations of the Borrower and, in particular, (a) do not employ child labor for construction and maintenance activities; and (b) provide appropriate facilities (latrines, etc.) for workers at construction sites. The Borrower shall require contractors not to differentiate wages between men and women for work of equal value. The Borrower and the Project Executing Agency shall ensure that specific clauses are included in bidding documents to ensure adherence to these provisions, and that compliance shall be strictly monitored during Project implementation.	Complied	
26.	The Borrower, the Project Executing Agency and Participating Pourashavas shall ensure that contractors shall disseminate information on the risk of transmission of sexually-transmitted diseases, including HIV/AIDS, in health and safety programs to all construction workers employed under the Project. Specific provisions to this effect shall be included in bidding documents and civil works contracts, and compliance shall be monitored by the Project Executing Agency and reported to ADB.	Complied	
27.	The Borrower, the Project Executing Agency and Participating Pourashavas shall ensure that awareness campaign on anti-human trafficking shall be conducted and that information and print material on anti-human trafficking shall be developed and distributed to all construction workers and the community in the Project areas throughout the project implementation period. Compliance shall be monitored by the	To be done	

Sl. No.	Covenant	Status of Compliance	Action Required
	Project Executing Agency, and reported to ADB.		
	<b>Operation and Maintenance (O &amp; M)</b>		
28.	During Project implementation and thereafter, the Borrower shall ensure that the Project Executing Agency and Participating Pourashavas maintain the Project facilities and that proper technical supervision and adequate routine funds for this purpose are provided. The funds required for the O&M of the Project facilities shall be allocated annually and released in a timely basis by Participating Pourashavas. Furthermore, the Borrower shall cause the Project Executing Agency and Participating Pourashavas to ensure that all equipment and spare parts financed under the Project shall be used for the O&M of the project.	O&M budget allocated for FY 2014-2015 in all Pourashava	
29.	The Borrower shall ensure, or cause the Project Executing Agency to ensure, that each Window A Pourashava develops and implements in a timely manner a sanitation action plan, which includes a septage management plan to improve regular cleaning of septic tanks and safe disposal of septage.	On going	
	<b>Development Condition:</b>		
30.	The Borrower shall keep ADB informed of discussions with other multilateral and bilateral aid agencies that may have implications for the implementation of the Project. The Borrower shall provide ADB with an opportunity to comment on any resulting policy reforms which could affect the Project, and shall take into account ADB's views before finalizing and implementing any such proposals.	Will be done in due course	
	<b>Governance and Corruption:</b>		
31.	The Borrower, the Project Executing Agency, and Participating Pourashavas shall (a) comply with ADB's Anticorruption policy (1998, as amended to date) and acknowledge that ADB reserves the right to investigate directly, or through its agents, any alleged corrupt, fraudulent, collusive or coercive practice relating to the project; and (b) cooperate with any such investigation and extend all necessary assistance for satisfactory completion of such investigation.	Complied with	
32.	The Borrower, the Project Executing Agency and Participating Pourashavas shall ensure that the anti-corruption provisions acceptable to ADB are included in all bidding documents and contracts, including provisions specifying the right of ADB to audit and examine the records and accounts of the executing and implementing agencies and all contractors, suppliers, consultants, and other service providers as they relate to the project.	Complied with	
	<b>Combating Money Laundering and Financing of Terrorism:</b>		
33.	The Borrower shall ensure that: (a) the Project Executing Agency and Participating Pourashavas comply with applicable laws, rules and regulations of the Borrower on combating money laundering and financing of terrorism; (b) the Loan and OFID Loan proceeds are not used, directly or indirectly, in money laundering or financing of terrorism, (c) the Project Executing Agency and Participating Pourashavas formulate and implement internal con-	Complied with	

Sl. No.	Covenant	Status of Compliance	Action Required
	trol procedures to prevent violation of subparagraph (a) hereinabove; and (d) ADB is promptly informed if there is any violation or potential violation of subparagraph (a) hereinabove. In the event that ADB informs the Borrower of its concern that there has been such an alleged violation, the Borrower, the Project Executing Agency and Participating Pourashavas shall (i) cooperate in good faith with ADB and its representatives so that ADB can determine whether such a violation has occurred; (ii) respond promptly and in reasonable detail to queries from ADB; and (iii) furnish documentary support for such response upon ADB's request.		
	<b>Section 4.02</b>		
	(a) The Borrower (i) maintain or cause to be maintained, separate accounts and records for the project;	Complied with	
	(ii) prepare consolidated annual financial statements for Project in accordance with accounting principles acceptable to ADB;	Complied with	
	(iii) have such financial statements audited annually by independent auditors whose qualifications, experience and terms of reference are acceptable to ADB, in accordance with international standards for auditing or the national equivalent acceptable to ADB;	Will be done	
	(iv) as part of such audit , have the auditors prepare a report (which includes the auditor' opinion on the financial statements, use of the Loan proceeds and compliance with the financial covenants of this Loan Agreement as well as on the use procedures for imprest fund(s) and statement of expenditures) and a management letter (which sets out the deficiencies in the internal control of the Project that were identified in the course of the audit, if any); and	Done	
	(v) furnish to ADB, no letter then 6 months after the end of each related fiscal year, copies of such audited financial statements, audit report and management letter, all in the English language, and such other information concerning these documents and the audit thereof as ADB shall from time to time reasonably request.	Done	
	(b) ADB shall disclose the annual audited financial statements for the Project and the opinion of the auditors on the financial statements within 30 days of the date of their receipt by posting them on ADB's website.	Done	
	(c) The borrower shall enable ADB, upon ADB's request, to discuss the financial statements for the Project and the Borrower's financial affairs where they relate to the Project with the auditors appointed pursuant to subsection (a) (iii) hereinabove, and shall authorize and require any representative of such auditors to participate in any such discussions requested by ADB. This is provided that such discussions shall be conducted only in the presence of an authorized officer of the Borrower, unless the Borrower shall otherwise agree	Will be Complied with	
	<b>Section 4.03</b>		
	The Borrower shall enable ADB's representatives to inspect the Project, the Goods and Works, and any relevant records and documents.	Will be Complied with	

## **V. COMPLIANCE STATUS WITH THE ENVIRONMENTAL MANAGEMENT AND MONITORING PLAN**

### **A. Status of Recruitment**

20. National (1) and Regional (3 persons) environmental safeguard specialists have been recruited through MDSC and engaged in the project over the period. Three Regional Environmental Specialists (RES) have joined at different times from May 2015 to November 2015 and Replacement of National Environmental Specialist (NES) has been completed by November 2015. NES has commenced from December 2015. Both the national environmental specialist and Regional Environmental Specialist have been providing their input in line with the normal working schedule for the UGIIP-III project office.

### **B. Subproject Environmental Safeguard Performance**

21. Activities over the first year of engagement of environmental specialists include the following:

- Documents were prepared for petitioning and approval by DoE of all UGIIP-III subprojects with exception of Category Red, a process finalized earlier during the reporting period, as described in Para. 9.
- IEEs for Road and Drainage subprojects for remaining 21 Pourashavas have been prepared and submitted to ADB for review and approval.
- Reviewed the PPTA documents for preparation of IEE templates for Solid Waste Management and Water Supply Improvement subprojects.
- Prepared Questionnaires/ papers during site inspections for Water Supply Improvement and Solid Waste Management Subproject.
- Conducted several meetings and discussions with TL and DTL regarding preparation of IEE and EIA of Water Supply Improvement and Solid Waste Management Subproject.
- Conducted several meetings and discussions with Sector Specialist (Water Supply and Solid Waste Management).
- Updated the IEEs for Road and Drainage Subprojects of Bandarban, Benapole, Chhatak, Chuadanga, Habiganj, Jessore, Khagrachari, Laksam, Laxmipur (Pack-1&2), Meherpur, Ishwardi, Shahjadpur, Kotalipara, Rangamati (Pack-1&2), Panchagarh Pourashavas.
- Field visit made for environmental assessment, fill up REA checklist and held consultation meetings for Solid Waste Management subprojects in Benapole, Jessore, Magura, Rajbari, Moulvibazar, Habiganj, Laxmipur and Laksam Pourashavas.
- Field visit made for environmental assessment, filled up REA checklist and held consultation meetings for water supply improvement subproject in Meherpur, Chuadanga, Kotalipara, Panchagarh, Nilphamari, Joypurhat, Ishwardi, Chapainawabganj, Shahjadpur Pourashavas.
- A system of monitoring has been developed for UGIIP-III involving standardized construction impact mitigation measures, an environmental specification, and checklists for use in inspection that are keyed to the monitoring elements. These are arranged under overarching indicators (community health and safety, worker health and safety, air and water impacts, etc.), which will provide comparative scores to serve as a guide in improving performance.
- The EMPs and Environmental Specifications were included in contract bid documents and have also been included in the civil work contracts contracts, in some cases retroactively, and a price negotiated for compliance with EMP requirements.

- Training materials were developed that reflect the monitoring approach, for use with PIU staff, who will complete the monitoring checklists on a quarterly basis. Training sessions were planned during the reporting period.
- The Grievance Redress Mechanism (GRM) is activated in the field. Grievance Redress Committees (GRCs) have been formed by PIUs where there are active subprojects.

### **C. Summary Lists**

22. Activities over the first year of engagement of environmental specialists include the following. Table 6 lists subproject package/lots (contracts) in progress up to reporting period. There are a total of 23 Package/lots (contracts). Table 8 shows contractor performance against major indicators. There are six indicators that are used to compile performance results for monitoring variables found in Appendix 2 based on observations during site visits. Values ranging from 0 (non-compliant) to 4 (best performance) are assigned and later averaged for the performance indicator. Indicators include: design and preparation (preconstruction and construction start-up requirements, for which there are 11 monitoring variables); worker provisions (6 monitoring variables), gender equity (3) and community based monitoring (public consultation and disclosure—2 variables); community values and safety (10); hydrology/water pollution (3); and project completion (7 variables).

23. Overall performance of the two packages of Magura pourashava, two packages of Naogaon pourashava, two lots of Bera pourashava, 2 Lots of Lalmonirhat and three packages of Sherpur pourashava appear satisfactory. It was observed that in Sherpur pourashava female labourers are not interested in this type of jobs. In general light vehicles ply in the pourashava area. As such the construction works in the pourashava area does not interrupt the movement of the local residents.

24. Female labourer did not show any interest in these types of works (construction activities) at the Charghat, Kishoregonj, Muktagacha and Netrokona pourashava area. It was observed in one package under Magura pourashava that the project completion indicator is 90%, as the contractor has completed five roads. Contractors have been made aware of their duties and responsibilities related to environmental management and they are trying their best to improve their performance accordingly.

25. Some Pictures are attached herewith in which mitigation measures are shown (Appendix-3).

**Table 7: Subprojects Monitored during the Reporting Period**

<b>Pourashava</b>	<b>Package</b>	<b>Lot. No.</b>	<b>Contractor</b>	<b>Contract Date</b>	<b>Completion Date</b>	<b>Physical Progress (%)</b>
Lalmonirhat	LALM/UT+DR/01/2014	Lot-1 (UT)	A.H.R.C. & N.C. (JV)	01.06.2015	24.05.2016	71%
		Lot-2 (DR)	A.H.R.C. & N.C. (JV)	01.06.2015	24.05.2016	52%
Magura	MAGU/UT+DR/01/2014		M/S. Eastern Traders	16.07.2015	25.07.2016	83%
	MAGU/DR/01/2014		MAR & MAE (JVCA)	16.07.2015	25.07.2016	45%
Naogaon	NAOG/UT/01/2014		Ethen-Farid (JV)	30.06.2015	29.06.2016	32%
	NAOG/DR+MF/01/2014		M/S A.S. Construction	05.07.2015	04.07.2016	21%
Bera	BERA/UT+DR/01/2014	Lot-1 (UT)	M/S. Khandaker Shahin Ahmed	28.05.2015	28.05.2016	49%
		Lot-2 (DR)	M/S. Khandaker Shahin Ahmed	28.05.2015	28.05.2016	54%
Charghat	CHAR/UT+DR/01/2014	Lot-1 (UT)	FAR (JV)	29.06.2015	05.06.2016	55%
		Lot-2 (DR)	FAR (JV)	29.06.2015	05.06.2016	30%
Kishoregonj	KISH/UT+DR/01/2014		Sheik Hemayet Ali	02.11.2015	01.11.2016	0%
	KISH/UT+DR/02/2014		Sheik Hemayet Ali	02.11.2015	01.11.2016	7%
	KISH/UT+DR/03/2014		Meghna Structural Engineering Ltd.	24.10.2015	26.10.2016	0%
Muktagacha	MUCK/UT+DR/01/2014	Lot-1 (UT)	Taher & Sons (Pvt.) Ltd.	21.06.2015	22.06.2016	20%
	MUCK/UT+DR/01/2014	Lot-2 (DR)	Taher & Sons (Pvt.) Ltd.	21.06.2015	22.06.2016	9%
Netrokona	NETR/UT/01/2014	Lot-1 (UT)	Samiran Chowdhury	21.07.2015	20.07.2016	48%
		Lot-2 (UT)	S. H. (JV)	21.07.2015	20.07.2016	27%
	NETR/DR/01/2014		S. H. (JV)	21.07.2015	20.07.2016	27%
Rajbari	RAJB/UT/01/2014		ME-RCCL-MRS (JV)	06.10.2015	05.10.2016	11%
	RAJB/DR/01/2014		Md. Mizanur Rahman	24.06.2015	05.10.2016	5%
Sherpur	SHER/UT/01/2014		Dhrob-Shmim (JV)	09.06.2015	25.06.2016	86%
	SHER/UT+DR/01/2014		UDC-SRS (JV)	09.06.2015	24.07.2016	70%
	SHER/DR/01/2014		M/S. AC-BBS (JV)	09.06.2015	04.08.2016	65%

**Table 8: Subproject Environmental Performance**

<b>Pourashava</b>	<b>Package</b>	<b>Lot. No.</b>	<b>Design and Preparation</b>	<b>Worker Provisions</b>	<b>Gender Equity</b>	<b>Community Based Monitoring</b>	<b>Community Values and Safety</b>	<b>Hydrology/ Water Pollution</b>	<b>Project Completion</b>
Lalmonirhat	UT+DR/01/2014	Lot-1 (UT)	75%	58%	75%	38%	65%	75%	N/A
		Lot-2 (DR)	73%	58%	67%	38%	65%	67%	N/A
Magura	UT+DR/01/2014		73%	50%	83%	63%	75%	67%	90% <sup>1</sup>
	DR/01/2014		73%	42%	83%	38%	75%	67%	N/A
Naogaon	UT/01/2014		80%	50%	100%	38%	70%	67%	N/A
	DR+MF/01/2014		88%	58%	100%	38%	70%	75%	N/A
Bera	UT+DR/01/2014	Lot-1 (UT)	85%	58%	92%	50%	83%	100%	N/A
		Lot-2 (DR)	85%	58%	92%	50%	83%	100%	N/A
Charghat	UT+DR/01/2014	Lot-1 (UT)	78%	63%	0%	88%	65%	42%	N/A
		Lot-2 (DR)	78%	63%	0%	88%	65%	42%	N/A
Kishoregonj	UT+DR/01/2014								Not started
	UT+DR/02/2014		63%	32%	0%	0%	43%	33%	N/A
	UT+DR/03/2014								Not started
Muktagacha	UT+DR/01/2014	Lot-1 (UT)	80%	33%	0%	100%	68%	17%	N/A
	UT+DR/01/2014	Lot-2 (DR)	65%	33%	0%	100%	78%	17%	N/A
Netrokona	UT/01/2014	Lot-1 (UT)	53%	32%	0%	25%	35%	33%	N/A
		Lot-2 (UT)	55%	32%	0%	25%	35%	33%	N/A
	DR/01/2014		60%	36%	0%	25%	40%	33%	N/A
Rajbari	UT/01/2014		60%	38%	50%	25%	40%	33%	N/A
	DR/01/2014		75%	29%	50%	25%	25%	50%	N/A
Sherpur	UT/01/2014		75%	57%	0%	100%	78%	58%	N/A
	UT+DR/01/2014		83%	57%	0%	100%	70%	75%	N/A
	DR/01/2014		88%	68%	0%	100%	70%	75%	N/A

1:- 5 Roads completed

**Table 9: Overall Compliance with EMP**

<b>Pourashava</b>	<b>Package</b>	<b>Lot. No.</b>	<b>EMP Part of Contract Documents (Y/N)</b>	<b>EMP Being Implemented (Y/N)</b>	<b>Status of Implementation (Excellent/Satisfactory/Partially Satisfactory/Below Satisfactory)</b>	<b>Action Proposed and Additional Measures Required</b>
Lalmonirhat	UT+DR/01/2014	Lot-1 (UT)	Y	Y	Satisfactory	Close monitoring by PIU/MDSC and training to the contractors
		Lot-2 (DR)	Y	Y	Satisfactory	
Magura	UT+DR/01/2014		Y	Y	Satisfactory	
	DR/01/2014		Y	Y	Satisfactory	
Naogaon	UT/01/2014		Y	Y	Satisfactory	
	DR+MF/01/2014		Y	Y	Satisfactory	
Bera	UT+DR/01/2014	Lot-1 (UT)	Y	Y	Satisfactory	
		Lot-2 (DR)	Y	Y	Satisfactory	
Charghat	UT+DR/01/2014	Lot-1 (UT)	Y	Y	Partially Satisfactory	
		Lot-2 (DR)	Y	Y	Partially Satisfactory	
Kishoregonj	UT+DR/01/2014		Y			
	UT+DR/02/2014		Y	Y	Partially Satisfactory	
	UT+DR/03/2014		Y			
Muktagacha	UT+DR/01/2014	Lot-1 (UT)	Y	Y	Partially Satisfactory	
	UT+DR/01/2014	Lot-2 (DR)	Y	Y	Partially Satisfactory	
Netrokona	UT/01/2014	Lot-1 (UT)	Y	Y	Partially Satisfactory	
		Lot-2 (UT)	Y	Y	Partially Satisfactory	
	DR/01/2014		Y	Y	Partially Satisfactory	
Rajbari	UT/01/2014		Y	Y	Partially Satisfactory	
	DR/01/2014		Y	Y	Partially Satisfactory	
Sherpur	UT/01/2014		Y	Y	Satisfactory	
	UT+DR/01/2014		Y	Y	Satisfactory	
	DR/01/2014		Y	Y	Satisfactory	



## **VI. APPROACH AND METHODOLOGY FOR ENVIRONMENTAL MONITORING**

### **A. Environmental Safeguard Framework**

26. The Environmental Assessment and Review Framework (EARF) were prepared during the PPTA, which establishes the basis for environmental review for the UGIIP-III. The EARF also sets out the organizational structure for environmental management within the Project Management Office (PMO), the Management Design and Supervision Consultant (MDSC), and the Project Implementation Units (PIUs). Specialist staff to be hired for supporting environmental management functions of the PMO is set out in the EARF. Under the PPTA, Draft Environmental Management Plans (EMPs) were prepared for sample subprojects as part of the IEE reports. EMPs and supporting criteria inclusive of environmental specifications for inclusion in construction contract tender documents provide the basis for monitoring compliance with the EARF.

27. IEEs of Road and Drainage, Water Supply Improvement and Solid Waste Management subproject for 10 Priority Pourashavas were prepared on the basis of preliminary design by PPTA consultants during PPTA. On the basis of preliminary design and estimate tenders have been issued and offered to the contractors accordingly for road and drainage subprojects. Construction implementation started at some of the Pourashavas. Field inspections for environmental monitoring have been started during this last quarter of the year. IEEs for Road and Drainage subprojects prepared during PPTA and approved by ADB and also disclosed in ADB website, for which no update is needed for those Road and Drainage subproject IEEs.

28. Under DOE rules, EIAs are required for solid waste management (sanitary landfill development), water supply and sanitation projects ("Water, power and gas distribution line laying/relaying/extension" – DOE, ECR Schedule 1). Field inspections for Water Supply Improvement and Solid Waste Management subprojects proposed by the pourashavas are going on for environmental assessment and scoping during this reporting period.

29. Following those IEEs and EARF, MDS safeguard team have prepared the IEEs of Road and Drainage subproject for remaining 21 Pourashavas on the basis of detail design by the MDSC design team. Those updated IEEs have been submitted to ADB for their review and concurrence. Quite a few of them have been reviewed and approved by ADB. The remaining are under review and awaiting approval.

**Table 10: Summary Status of the IEEs of UGIIP-III**

Sl. No.	Pourashava	Road/Drainage				Water Supply			Solid Waste Management			Sanitation			Municipal Facility		
		No. of Pkg/Lot/Sch			IEE Report	No. of Pkg/Sch		IEE Report	No. of Pkg/Sch		IEE Report	No. of Pkg/Sch		IEE Report	No. of Pkg/Sch		IEE Report
		P	L	S		P	S		P	S		P	S		P	S	
1.	Lalmonirhat	1	2	10	Approved												
2.	Magura	2		26	Approved												
3.	Naogaon	2		13	Approved												
4.	Bera	1	2	15	Approved												
5.	Charghat	1	2	4	Approved												
6.	Kishoreganj	3		22	Approved												
7.	Muktagacha	1	2	14	Approved												
8.	Netrokona	2	2	31	Approved												
9.	Rajbari	2		17	Approved												
10.	Sherpur	3		35	Approved												
11.	Bandarban	1	2	37	Submitted												
12.	Benapole	1	2	19	Submitted												
13.	Chapai Na-wabganj	1	2	44	Submitted												
14.	Chhatak	1	2	24	Submitted												
15.	Chuadanga	1	2	28	Submitted												
16.	Habiganj	1	2	28	Submitted												
17.	Ishwardi	1	2	24	Submitted												
18.	Jessore	1	2	23	Submitted												
19.	Joypurhat	1	2	39	Submitted												
20.	Khagrachari	1	2	19	Submitted												
21.	Kotalipara	1	2	16	Submitted												
22.	Laksam	1	2	46	Submitted												
23.	Laxmipur	2		24	Submitted												
24.	Meherpur	1	2	30	Submitted												
25.	Moulvibazar	1		30	Submitted												
26.	Nabinagar	1		14	Submitted												
27.	Nilphamari	1	2	25	Submitted												
28.	Panchagarh	1	2	35	Submitted												
29.	Rangamati	2		39	Submitted												
30.	Shahjadpur	1	2	18	Submitted												
31.	Tungipara	1		5	Submitted												

## **B. Environmental Performance Indicators**

30. Environmental monitoring occurs at the subproject level by observing performance during construction phase. EMP and Environmental specifications are included in construction tender documents, allowing impacts to be mitigated during the construction phase of the project. The specifications reflect 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 part of the overall bid price.

## **C. Subproject Environmental Monitoring**

31. The system for environmental monitoring consists of observations and checklists for comparison with contractor performance that reflects the requirements of the construction specifications and the project EMP. Performance tracking is used in a manner that provides consistent semi-annual reporting, with the objective of improving performance of contractors. The project is in the initial stages of establishing this system among the PIUs and MDSC inspectors, UGIIP-III project staff/PIUs Safeguard Officer who will implement the system in the field. Initiating the system depends on training select PIU staff in use of the checklists. Field visits by MDS Environmental Safeguard specialists are preparing tour plan for environmental monitoring of the ongoing subproject before the comprehensive monitoring system is mobilized.

## **D. Capacity Building**

32. Capacity building is aimed at orientation and training of project staff in ADB's safeguard policy and management. Training is conducted by the MDS Safeguard team and covers integration environmental considerations into project implementation and procedures for monitoring and reporting. The first training session was conducted in August 2015 and was attended by PIUs designated safeguard officers (EE/AE/UP/TP) of 31 Pourashavas. The three (3) days training seminar covered environmental and social safeguard requirements and monitoring, as field visits, data collection procedure and preparation of RP, IEE and EIA. Safeguard training seminar was held in PMO by ADB Environmental Specialist to the PMO staff and sector specialist of MDS Consultant on ADB's Safeguard policy. Another safeguard training seminar was held at LGED head office to 48 persons comprising EE, AE, SAE, ME and contractors from 6 Pourashavas of Magura, Kishoregonj, Muktagacha, Netrokona, Rajbari and Sherpur.

## **VII. MONITORING OF ENVIRONMENTAL IMPACTS ON PROJECT SURROUNDING (Ambient Air, Water Quality and Noise Level)**

33. Proposed subprojects (Road and Drainage) are scattered in the pourashava area, which are not located near-by any water stream/canal/distributaries. There stands little probability of surface water pollution. As well, there are very little observed risk of ground water pollution/contamination as no products such as gasoline, oil, road salts and chemicals are dumped on the adjoining ground. Instead they are stored in containers and subsequently disposed in a safe place.

34. Construction workplaces are located in small areas and activities are also minimum, so intensity of pollution from air/dust/noise is also very low. So there is little need of monitoring water/air/noise pollution parameters at the surroundings for road and drainage subprojects

## VIII. CONCLUSION

35. Environmental safeguard compliance is progressing gradually, recognizing the implementation of a critical aspect of UGIIP-III Project. Environmental mitigation measures related to subprojects are being implemented in line with the Environmental Safeguard Framework. The performance is gradually improving according to the plan. Contractors are required to mitigate environmental impacts and monitoring is being conducted by environmental specialists and PIU staff. Where mitigation measures are lacking, contractors are urged to improve their performance. The GRM is in the process which is being implemented with Committees formed at the local level. Sector wise Environmental reporting (IEEs and EIAs) are in progress and will be continuing, so that it does not hamper subproject implementation. The proposed monitoring system need to be worked out through the training sessions and field practice and will take time to develop efficiently.

36. Active areas for improvement over the next six months include the following:

- Overall improvement of environmental performance need to be observed. The contractors are supposed to prepare the site construction EMPs. They are supposed to engage an environmental officer, who will have close attention to the mitigation measures.
- Workers need to be equipped with safety equipment. This is lacking in some of the jobsites. In most contracts the housing and sanitary facilities together with medication (first aid box) for workers are not up to the mark.
- PIUs do not formally engage communities for consultation. Affected parties may contract GRC as and when needed.
- PIUs need to erect/display notices regarding the grievance redress mechanism and the ability of an affected party to seek redress on an environmental issue.
- Some “roads sign” for community safety are partially displayed by the contractors. A barricade must be erected around open excavations, where the public has access.
- Use of temporary signage and flagmen is deficient on some contracts. These elements should be used where they could assist traffic flow and pedestrian safety.
- 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. The construction materials should be carried in a covered way. The contractor should clean the tires of the trucks containing excess materials after unloading. Contractors need to be willing to engage more labor time to clean road surfaces containing extra construction materials.

37. The PMO has made significant steps to improve environmental awareness and compel the PIUs and the construction contractors to follow it. The MDSC's Environmental specialists will continue to work with PIUs and contractors to realize the performance improvements.

## APPENDICIES

### Appendix 1: Environmental Site Clearance Certificate or the Third Urban Governance Infrastructure Improvement (Sector) Project

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

Memo No: DoE/Clearance/5444/2015/ 256

Date: 21/05/2015

Subject: Site Clearance for Third Urban Governance and Infrastructure Improvement (Sector) Project (UGIIP-III).

Ref: Your Application dated 31/03/2015

With reference to the above mentioned subject, the Department of Environment (DOE) hereby accords the Site Clearance to the Third Urban Governance and Infrastructure Improvement (Sector) Project (UGIIP-III) subject to fulfilling the following terms and conditions.

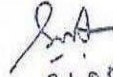
1. This clearance shall only be applicable for the development of the infrastructure of the said project.
2. Proper and adequate facilities for road rehabilitation component must be ensured.
3. Drainage should be made in such a way that any solid waste cannot be discharged in the drain and drainage level should be such that it will properly drain water during extreme climatic condition.
4. Local Government Engineering Department (LGED) shall submit a comprehensive Environmental Impact Assessment (EIA) report considering the overall activity of the said Project especially, the the red category components under ECR, 1997 in accordance with the TOR and time schedule to the Department of Environment (DOE).
5. Without approval of EIA report by the Department of Environment, Local Government Engineering Department (LGED) shall not be able to open L/C in favor of importable machineries.
6. Without obtaining Environmental Clearance, Local Government Engineering Department (LGED) shall not start the operation of the project.
7. Rehabilitation of human settlement or compensation for any sort of activity which will incur damage or loss of public or private property shall be addressed as per Government or Bangladesh rules and regulations.
8. Local Government Engineering Department (LGED) shall submit the EIA along with a filled-in application for Environmental Clearance in prescribed form, the feasibility report, the applicable fee in a treasury chalan and the no objection certificates (NOCs) from the local authorities to the head office of DOE in Dhaka with a copy to the concerned divisional offices of DOE.



(cont'd)

9. This clearance is valid for one year from the date of issuance and Local Government Engineering Department (LGED) shall apply for renewal to the Head Office of DOE at least 30 days ahead of expiry.

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

  
21.05.2015

(Syed Nazimul Ahsan)  
Director (Environmental Clearance)  
Phone # 8181778

Project Director  
Third Urban Governance and Infrastructure  
Improvement (Sector) Project (UGIIP-III)  
Level-12, LGED Bhaban, Sher-E-Bangla Nagar  
Agargaon, Dhaka-1207.

**Copy Forwarded to :**

- 1) PS to Secretary, Ministry of Environment and Forests, Bangladesh Secretariat, Dhaka.
- 2) Director, Department of Environment, Dhaka/Chittagong/Rajshahi/Khulna/Sylhet/Barisal Regional/Divisional/Metropolitan Office.
- 3) Assistant Director, Office of the Director General, Department of Environment, Head Office, Dhaka.

**Appendix 2: UGIIP-3 Environmental Monitoring Checklist**

Asian Development Bank – Local Government Engineering Department  
Third Urban Governance Infrastructure Improvement (Sector) Project  
ADB Loan 3142-BAN (SF)/1626P OFID

**Environmental Compliance Monitoring Form****Part A: General Project Information**

Subproject Name: \_\_\_\_\_

Subproject Package No.: \_\_\_\_\_ Lot No.: \_\_\_\_\_

Activity Sector: \_\_\_\_\_

Pourashava: \_\_\_\_\_

Construction Contractor Name: \_\_\_\_\_ Contract Date: \_\_\_\_\_

Contract Amount: \_\_\_\_\_ Contract Duration (days) \_\_\_\_\_

Person Responsible: \_\_\_\_\_ Phone \_\_\_\_\_

PIU EMO: \_\_\_\_\_ Phone \_\_\_\_\_

Form Completed by: \_\_\_\_\_ Phone \_\_\_\_\_



## **Part B: Monitoring Checklist**

### **Performance Indicator 1. Design and Preparation**

The PMCU Safeguard Management Officer (PSMO) to complete 1-4 at the time the project is tendered. Date of Monitoring: \_\_\_\_\_

Form Completed by: \_\_\_\_\_ Phone \_\_\_\_\_

	<u>Score</u>	<u>Remarks</u>
1. Does the subproject design meet applicable engineering safety and public health standards?		
2. Has ADB approved the revised and updated IEE and related EMP for the subproject?		
3. Have applicable resettlement provisions been disclosed and compensation made to affected persons or households?		
4. Have special conditions and the EMP been included in the procurement documents?		

The PSMO to complete 5-11 with the PIU Environmental Management Officer (PEMO) and construction contractor at the time of start-up. Date of Monitoring: \_\_\_\_\_

5. Are the special conditions and the EMP from the subproject IEE included in the construction contract documents?		
6. Did the contractor prepare a Construction EMP?		
7. Has the Contractor's supervisory staff obtained environmental management training and orientation?		
8. Did the contractor post a project signboard regarding the nature, extent and cost of the project?		
9. Are the locations of equipment/materials storage at a sufficient distant from historical/cultural/schools and hospitals?		
10. Are the owner agreements in place for temporary use of land for worker camps and construction yards?		
11. Was the spoil disposal sites selected in consultation with local people?		
<b>Score (1-11; 11 total)</b>		(%)

### **Performance Indicator 2. Worker Provisions**

The PEMO to complete 12-17 in conjunction with the construction contractor following commencement of construction. Date of Monitoring: \_\_\_\_\_

	<u>Score</u>	<u>Remarks</u>
12. Is GoB labor law complied with in hiring of workers?		
13. Are supervisors or other site personnel trained with the basic first aid technique and emergency response measures?		
14. Are first aid kits readily available to workers at the job site along with instructions of use?		
15. Has the contractor undertaken an awareness program for communicable diseases/HIV-AIDS?		
16. Has the contractor provided necessary safety equipment (PPE) to workers and trained them the "use methodology" ?		
17. Are construction camps adequately equipped with safe drinking water, sanitation, washing facilities and waste disposal ?		
<b>Score (12-17; 6 total)</b>		(%)

**Performance Indicator 3. Gender Equity**

The PEMO should complete 18 - 20 in conjunction with the construction contractor following commencement of construction. Date of Monitoring: \_\_\_\_\_

Form Completed by: \_\_\_\_\_ Phone \_\_\_\_\_

	Score	Remarks
18. Does the contractor engage women laborers and project-affected women for suitable work?		
19. Does the contractor provide equal wages for same nature of work to both male and female, engaged at the worksite?		
20. Has separate sanitation facilities been provided for women at work camps and the construction site?		
<b>Score (18 - 20; 3 total)</b>		(%)

**Performance Indicator 4. Community Based Monitoring**

The PEMO should complete 21 and 22 in conjunction with the construction contractor following commencement of construction. Date of Monitoring: \_\_\_\_\_

	Score	Remarks
21. Has the contractor posted a public notice regarding the Grievance Redress Mechanism (GRM)?		
22. Has there been a public consultation regarding construction environmental impact and the community complaints system?		
<b>Score (21 - 22; 2 total)</b>		(%)

**Performance Indicator 5. Community Values and Safety**

The PEMO should complete Items 23 – 32 quarterly based on visual inspection of the conduct of work. Date of Monitoring: \_\_\_\_\_ Percent Complete: \_\_\_\_\_

Form Completed by: \_\_\_\_\_ Phone \_\_\_\_\_

	Score	Remarks
23. Is temporary access provided to homes and businesses?		
24. Is permanent access reinstated on completion of a segment of work?		
25. Are construction hours adjusted around houses, hospitals and schools to minimize disturbance?		
26. Are materials transported on approved haul routes?		
27. Is construction equipment kept in good condition?		
28. Do vehicles operate within legal speed limits?		
29. Are trucks hauling bulk materials covered by tarpaulin?		
30. Is the dust suppressed and road surfaces kept clean?		
31. Has the contractor installed signs and illumination in vicinity of works on public roads?		
32. Are the construction activities barricaded and pedestrian pathways maintained?		
<b>Score (23 - 32; 10 total)</b>		(%)

**Performance Indicator 6. Hydrology/Water Pollution**

The PEMO should complete Items 33 – 35 quarterly based on visual inspection of the conduct of work. Date of Monitoring:\_\_\_\_\_ Percent Complete:\_\_\_\_\_

	<u>Score</u>	<u>Remarks</u>
33. Are construction camps and equipment/materials stores maintained in clean and hygienic condition?		
34. Are oil, fuel and chemicals stored in enclosed areas (dyked or covered)?		
35. Have existing drainage patterns been maintained during construction?		
<b>Score (33 - 35; 3 total)</b>		(%)

**Performance Indicator 7. Project Completion**

The PEMO should complete items 36 – 42 prior to finalizing the construction works. Date of Monitoring:\_\_\_\_\_ Percent Complete:\_\_\_\_\_

Form Completed by:\_\_\_\_\_ Phone \_\_\_\_\_

	<u>Score</u>	<u>Remarks</u>
36. Have drainage fixtures, curbs, road shoulders and ditch slopes been finished out to prevent hazard to the public during use?		
37. Are the slopes maintained properly to avert water logging ?		
38. Have all construction debris, tree cuttings, excess dirt, rubble and scrap been removed from the construction zone?		
39. Is the backfilled done properly to avoid water stagnation ?		
40. Are all wastes and unused materials removed from the site, equipment yards and worker camps?		
41. Have all points of access (drives, walks) and utilities (water supply, power, communications) to public and private property been restored to original condition?		
42. Have all complaints by project-affected persons been resolved by the Contractor?		
<b>Score (36 - 42; 7 total)</b>		(%)

### Appendix 3: Photographs: Addressing Environmental Compliance of contraction sites



Safety sign is using at Road work at Lalmonirhat



Temporary access over drain to the shops at Lalmonirhat



First Aid Box at site Lalmonirhat



Women Labor engaged in Lalmonirhat



Project Signboard at Muktagacha



Safety Sign at Muktagacha