

Environmental Monitoring Report

#1 Semestral Report
July 2016

UZB: Solid Waste Management Improvement Project

Prepared by the State Unitary Enterprise “Maxsustrans” and Tashkent Municipality for
the Asian Development Bank.

This environmental monitoring report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

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Bi-annual Environmental Monitoring Report

Project Number: 45366

Reporting period January - June 2016

Loan Number: 3067-UZB

Republic of Uzbekistan: Solid Waste Management Improvement Project

Financed by: Asian Development Bank

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ABBREVIATIONS

ADB	Asian Development Bank
DC	Design Consultant
EA	Executing Agency
EHS	Environmental Health & Safety
EIA	Environmental Impact Assessment
EIP	Environmental Impact Permit
EMP/ SSEMP	Environnemental Management Plan/ Site-Spécifique Environmental Management Plan
ES/ SES	Environmental Specialist/ Senior Environmental Specialist
GoU	Government of Uzbekistan
GRM	Grievance Redress Mechanism
IA	Implementing Agency
IEE	Initial Environmental Examination
LARP	land Acquisition and Resettlement Plan
Maxsustrans	State Unitary Enterprise “Maxsustrans”
SC	Supervision Consultant
SCNP	State Committee for Nature Protection
SLF	Sanitary Landfill Facility
SPS	Safeguard Policy Statement
MSW	Municipal Solid Waste

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PART I – INTRODUCTION

1.1 Construction activities and project progress during the previous 6 months

General information about the project

1. The present Bi-annual Environmental Monitoring Report covers January-June 2016 time period.
2. The city of Tashkent intends to improve its solid waste management (SWM) system for its 2.3 million residents. This endeavor will involve rehabilitating the existing waste collection and transfer systems, and establishing an environmentally acceptable disposal facility reducing any potential environmental impacts. Given the current SWM practices, the option converting and allocating an area adjacent to the existing dumpsite to an engineered Sanitary Landfill was decided. The proposed sanitary landfill facility (SLF) concept is based on the Best Environmental Practices (BEP) resulting to a *state-of-the-art* design consistent with international acceptable standards. This “stand alone” facility will drastically improve the SWM system (i.e. the handling and final disposal of MSW) with a possible integration capability for a long-solution to cover the entire Tashkent Oblast. The inclusion into the design of a multi-barrier system, leachate and gas collection systems will result in a significant reduction of anticipated impacts. With the significant environmental issues identified and evaluated, mitigation measures and monitoring plans are also proposed to prevent or minimize the negative impacts and further enhance positive effects.
3. The Project shall comprise:
 - Part A – National Municipal Solid Waste Strategy:
 - (a) preparation of a draft national strategy for the management of solid waste, including a draft sector investment program;
 - Part B – Solid Waste Management in Tashkent Municipality:
 - (b) construction and rehabilitation of municipal solid waste collection facilities;
 - (c) procurement of municipal solid waste collection bins;
 - (d) procurement of municipal solid waste collection vehicles and municipal solid waste transfer vehicles;
 - (e) rehabilitation of municipal solid waste transfer stations and possible closure of an existing municipal solid waste transfer station;
 - (f) design and construction of a new sanitary landfill, solid waste facility and closure of an existing landfill solid waste dumpsite;
 - (g) capacity development support for Maxsustrans, including in the areas of operation and management and Project implementation; and
 - (h) development and implementation of a waste minimization and recycling program and a parallel media and public awareness campaign about waste minimization and recycling.

Construction activities and project progress during the previous 6 months

4. During the reporting period, no construction activities have been started under the project.
5. Currently, “Maxsustrans” is evaluating of bid proposals for the selection of Supervision Consultant.
6. On 16-17 March 2016 environmental specialists of PIU attended Environmental Safeguards Training Course organized by ADB.
7. In the scope of the Project „Gender Action Plan (GAP)“ has been prepared in March 2016 and submitted to ADB for approval.
8. Under Part 2 of the Project “National Municipal Solid Waste Management Strategy Framework“ has been prepared in March 2016 and submitted to the Governmental structures involved in the project implementation process and ADB for comments.

Fig. 1, 2: Environmental Safeguards Training Course organized by ADB.



1.2 Changes in Project Organization and Environmental Management Team

Agencies Involved in Investment Program Implementation

9. The following agencies are involved in implementing the Investment program: State Committee for Nature Protection (SCNP) and Tashkent Hokimiyat (Municipality) are the Executing Agencies (EA). Tashkent Hokimiyat responsible for management, coordination and execution of all activities funded under the loan and has overall responsibility for compliance with loan covenants. SCNP is responsible for implementation of Part A of the contract – preparation of National Municipal Solid Waste Strategy of city Tashkent.
10. State Unitary Enterprise “Maxsustrans” (Maxsustrans) is the implementing agency (IA), which is responsible for administration, implementation (design, construction and operation) and all day-to-day activities under the loan. An Investment Program Implementation Unit (PIU), is established within the Maxsustrans for Investment Program related functions. The PIU coordinates construction of subprojects, and ensures consistency of approach and

performance. On 19th of August 2015 contract with International Safeguard Consultant I. Kaviladze was signed. On 21st of July 2015 the contract with local Monitoring and Evaluation Specialist - Erkinjon Matjanov was signed. Currently, two environmental specialists (international and national) perform their activities under the PIU.

11. Maxsustrans as responsible IA for the project will recruit a Supervision Consultant (SC). The national and international team of consultants will assist Maxsustrans in the supervision of the construction of subprojects under the project. The SC will also provide capacity building training(s) to contractor staff in the management and operation and maintenance of the project. The SC assists Maxsustrans in ensuring that the project will be implemented according to the specified standards. SC assignment will also include the supervising of the implementation of the environmental management plans.
12. All mitigation measures during construction will be implemented by the contractor and these will be monitored by the supervision consultant (SC).
13. The Contractor will have the following obligations:
 - to prepare site-specific environmental management plan (SSEMP) for endorsement by the Supervision Consultant and for approval by the Employer prior to the Contractors taking possession of the construction site;
 - to employ Environmental Specialist responsible for developing and implementing the SSEMPs for construction phase and for providing the corresponding information to Maxsustrans and SC;
 - Carry out the monitoring and mitigation measures set forth in the IEE/EMP/SSEMP;
 - Allocate the budget required to ensure that such measures are carried out;
 - Develop waste management plan, contingency plan and other required environmental management plans;
 - Agree all environmental management plans with the Maxsustrans PIU;
 - Prepare monthly progress reports on SSEMP implementation, which should contain information on the main types of activities carried out during the reporting period, status of any clearances/permits/licenses which are required for carrying out such activities, mitigation measures applied, and any environmental issues that have emerged in relations with suppliers, local authorities, affected communities, et.;
 - Coordinate community relations issues through acting as the Contractor's community relations focal point (proactive community consultation, complaints investigation and grievance resolution).
14. Construction Supervision Company will be responsible for preparing quarterly progress reports which cover the implementation of the SSEMP, discrepancies from the SSEMP and list all HSE relevant incidents and accidents that occur during the implementation; Submits periodic reports based on the monitoring data and laboratory analysis.
15. ADB is the donor financing the Investment Program.
16. The structure of environmental team of PIU Maxsustrans is shown in Figure 1. **Project Organization Structure** is shown on Figure 2.

Figure 1: Structure Diagram of the Environmental Management Team of PIU

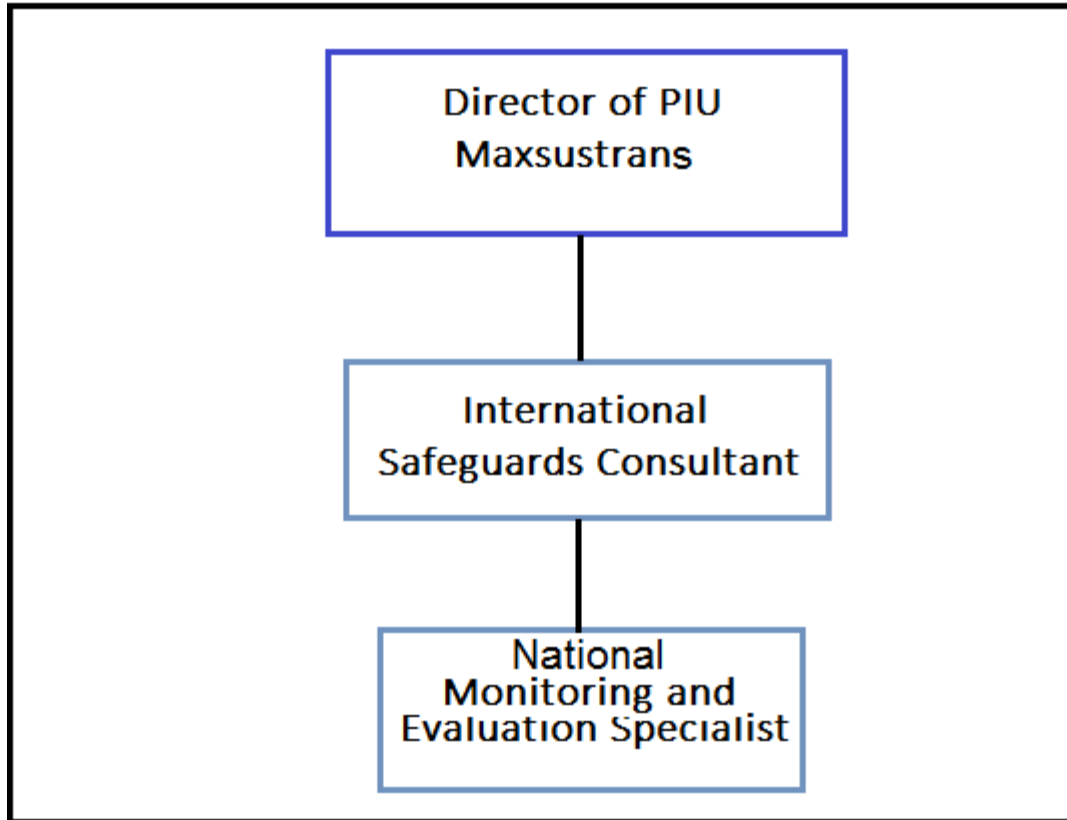
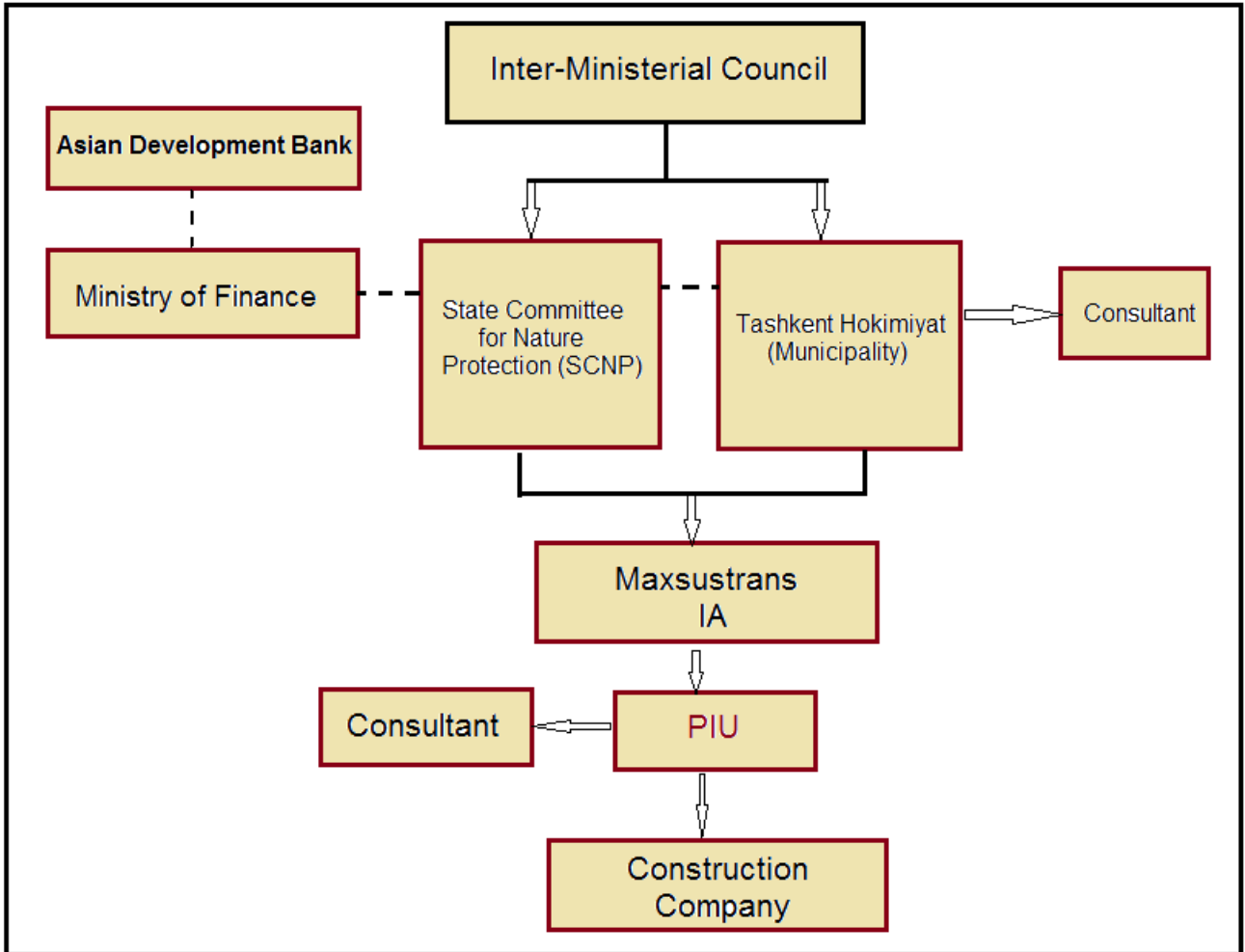


Figure 2: Structure Diagram of the Agencies Involved in Investment Program Implementation



1.3 Relationships with Contractors, Owner, Lender, etc

17. In scope of the project contractors/sub-contractors are not determined.
18. State Committee for Nature Protection (SCNP) and Tashkent Hokimiyat (Municipality) are the Executing Agencies (EA). Tashkent Hokimiyat responsible for management, coordination and execution of all activities funded under the loan and has overall responsibility for compliance with loan covenants. SCNP is responsible for implementation of Part A of the contract – preparation of National Municipal Solid Waste Strategy of city Tashkent.
19. ADB will oversee project sites regularly and give clear instructions for the project sites improvements with regard to environmental safeguards.

PART II - ENVIRONMENTAL MONITORING

20. No baseline monitoring for environmental conditions has been done for proposed projects. Baseline environmental measurements will be carried out by the contractor before commencement of the civil works.

21. Permanent environmental monitoring will start immediately after the commencement of the civil works under the “Solid Waste Management Improvement Project”.

PART III - ENVIRONMENTAL MANAGEMENT

3.1 The Environmental Management System, site-specific environmental management plan (SSEMP) and work plans

22. SSEMP for the project “Solid Waste Management improvement Project” will be prepared by construction company before commencement of the civil works.

3.2 Site Inspections and Audit

23. Not yet applicable.

3.3 Non-Compliance Notices

24. Not yet applicable.

3.4 Corrective Action Plans

25. Not yet applicable.

3.5 Actions taken to reflect the findings of ADB mission

26. Not yet applicable.

3.6 Consultations and Complaints

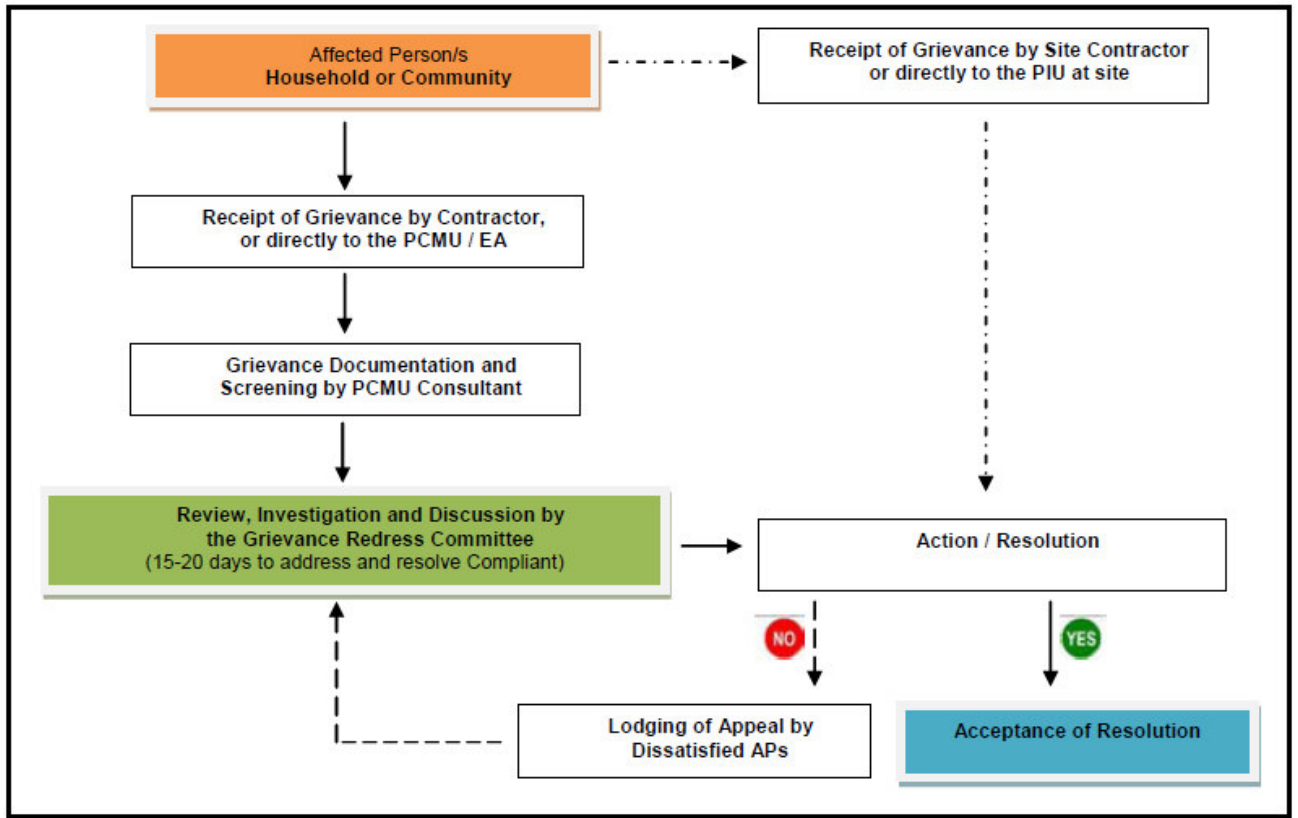
Public Awareness Activities:

27. No public awareness activities were carried out within the project during the period of July-December 2015.

Grievance redresses mechanism (GRM)

28. A project-specific grievance redress mechanism (GRM) will be established by the EA to provide a transparent mechanism to voice and resolve environmental concerns linked to the project. The EA will ensure that grievances and complaints are addressed in a timely and satisfactory manner to avoid any potential delays in the establishment of the project. Figure 3 gives the details of the grievance redress mechanism.

Figure 3 Grievance Redress Mechanisms



29. The EA will establish Grievance Redress Committee¹. This will provide any APs a venue to file complaints and queries on any environmental (or social) aspect related to the project. Grievances can be submitted in writing or orally to the contractor or directly to the EA contact person. These will be properly documented (i.e. indicating the date it was received, details of the complaint and complainant/s) and screened by the designated PCMU safeguard consultant for its veracity and validity. The committee will have 15 to 20 days to address and come up with a resolution. Under this GRM, unsatisfied grievances may be able to appeal for a final resolution. This mechanism also does not prevent any AP to approach regulatory agencies to assist and resolve complaints at any stage of the process. In occasions wherein grievances are perceived the by AP to be immediate and urgent; the contractor, EHS officer and EA on-site supervisor will provide the most accessible and practical solution for a quick resolution of grievances. Such grievances and respective resolutions will be submitted to the PIU for proper documentation. The PIU contact person will be responsible for recording the complaint, the step taken to address grievance, minute of the meetings and preparation of a report for each complaint. Records will be kept by the PIU of all grievances received including contact details of AP, date the complaint was received, nature of grievance, agreed remedial / corrective action and the date this was implemented, and the final outcome in Complaints Log Book kept at the PIU office.

¹ The simple form of grievance redress mechanism has been established by the EA after the project affectivity. However, the established GRM does not fully satisfy ADB requirements. The EA has been informed that they need to upgrade the GRM in compliance with ADB guidelines.

30. The complaint handling process will be reported to ADB through semi-annual reports. The PIU safeguard consultant will periodically review and record the efficiency and effectiveness of the GRM highlighting the project's ability to prevent and address grievances.

PART IV – CONCLUSIONS AND ACTION PLAN FOR THE NEXT PERIOD

4.1 Conclusions and Action Plan for the Next Period

31. For the reporting period project is at the initial stage. Establishment of environmental and social team within the PIU was completed according to the ADB request.

32. The following activities will be performed during the next reporting period:

- The EA will establish Grievance Redress Committee (During September- October, 2016)
- Selecting of Supervision Consultant company (December 2016);
- Reviewing/commenting of Waste Management Strategy Framework by State Committee for Nature Protection and ADB (July 2016);
- Establishment of Working Group for preparation of Waste Management Strategy (November-December 2016).