

Bi-annual Environmental Monitoring Report

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July-December: 2015

Loan Number: 3067-UZB

Republic of Uzbekistan: Solid Waste Management Improvement Project

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For “State Unitary Enterprise “Maxsustrance” and Tashkent Municipality

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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
Maxsustrance	State Unitary Enterprise “Maxsustrance”
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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1. PART I – INTRODUCTION

1.1 Construction activities and project progress during the previous 6 months

A. General information about the projects

1. The present Bi-annual Environmental Monitoring Report covers July-December 2015 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. This is taken into consideration the continuous and ever increasing wastes being generated vis-à-vis the open dumping and exhausted disposal space at the Akhangaran dumpsite. 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 is under that premise that 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 in 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.

B. Construction activities and project progress during the previous 6 months

4. During the reporting period, no construction activities have been started under the project as well. Currently "Maxsustrance" is preparing the bidding documents for this project.

1.2 Changes in Project Organization and Environmental Management Team

Agencies Involved in Investment Program Implementation

5. 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.
6. State Unitary Enterprise "Maxsustrance" (Maxsustrance) 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 Maxsustrance for Investment Program related functions. The PIU coordinates construction of subprojects, and ensures consistency of approach and performance. In 19 of August was signed contract with International Safeguard Consultant I. Kaviladze which will stars his activities in scope of the project after official procedures will be completed. In 21 of July was signed the contract with local Monitoring and Evaluation Specialist - Erkinjon Matjanov.
7. Maxsustrance as responsible IA for the project will recruited a Supervision Consultant (SC). The national and international team of consultants will assists Maxsustrance in the supervision of the construction of subprojects under the project. The SC will also provides capacity building training to contractor staff in the management and operation and maintenance of the project. The SC assists Maxsustrance in ensuring that the project will implemented according to the specified standards. SC assignment will also include the supervising of the implementation of the environmental management plans.
8. All mitigation measures during construction will be implemented by the contractor and these will be monitored by the supervision consultant (SC).
9. The Contractor will has the following obligations:
 - to prepare SSEMPs;
 - to employ Environmental Consultant responsible for developing and implementing the construction phase SSEMPs and for providing the corresponding information to Maxsustrance and SC;
 - to develop, if required, a Spoil Disposal Plan and Company Waste Management Plan;
 - to agree Spoil Disposal Plan and Company Waste management Plan with the Maxsustrans .
10. SC will responsible for developing and incorporation of mitigation measures in design and construction.
11. ADB is the donor financing the Investment Program.
12. The structure of environmental team of PIU Maxsustrance is shown in Figure 1 and **Project Organization Structure** Figure 2.

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

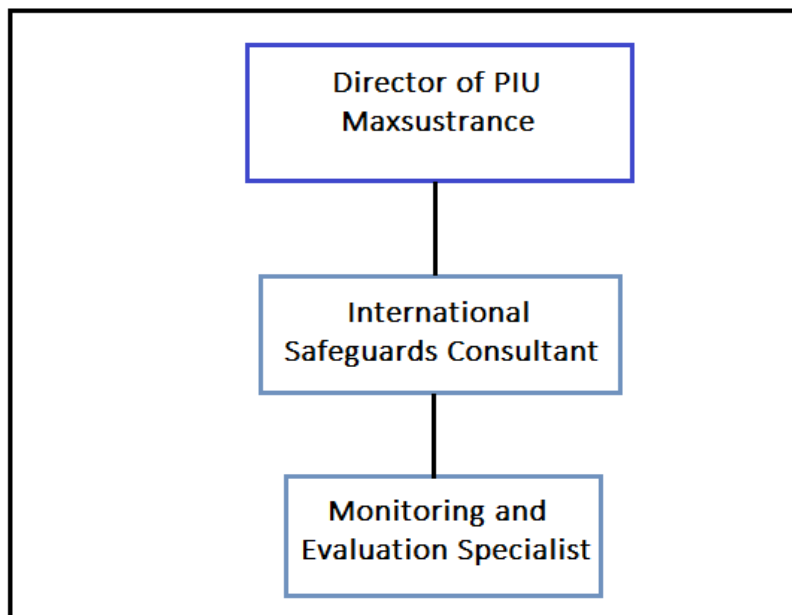
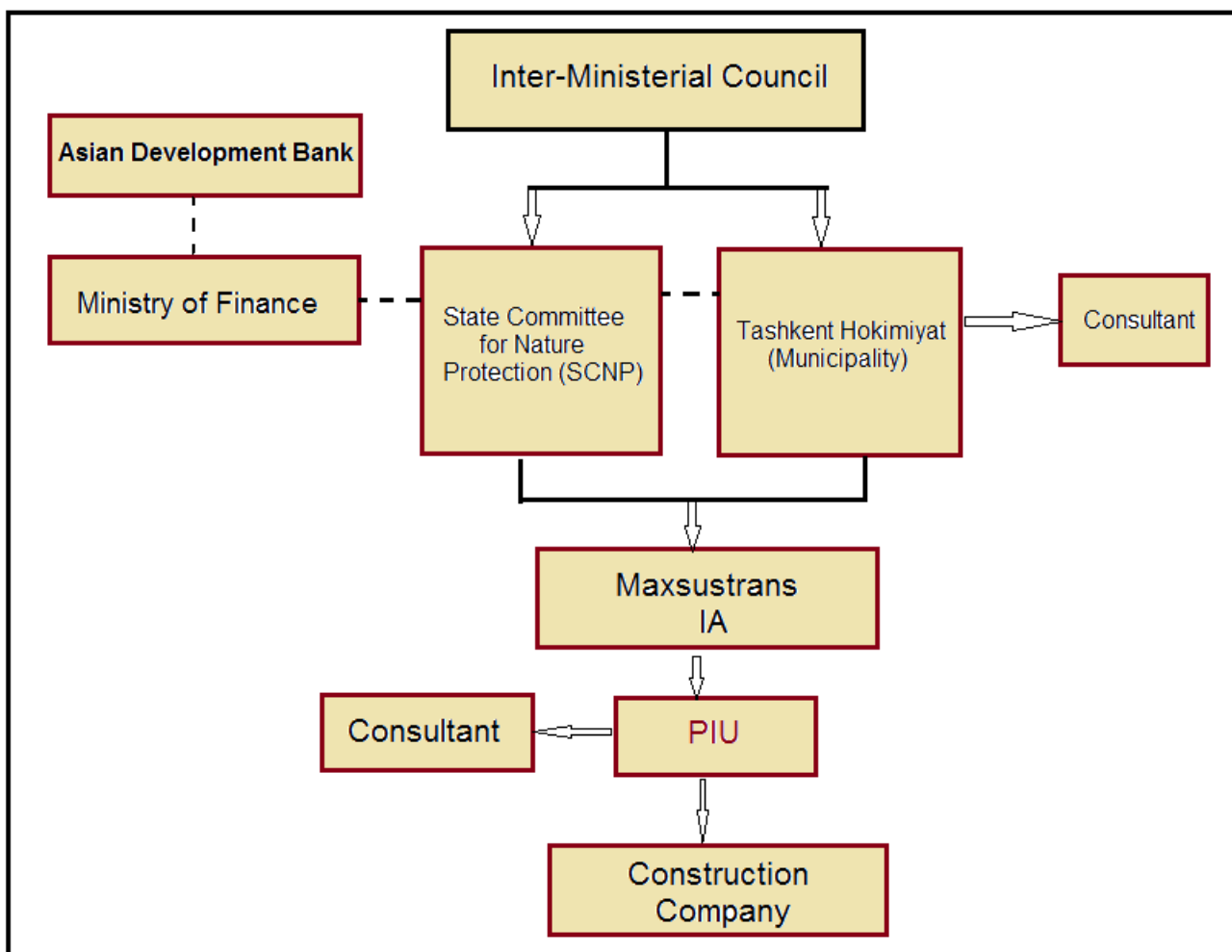


Figure 2: Structure Diagram of the Agencies Involved in Investment Program Implementation



1.3 Relationships with Contractors, Owner, Lender, etc

- 13. In scope of the project contractors/sub-contractors are not determined.
- 14. 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.
- 15. ADB oversees project sites regularly and gives clear instructions for the project sites improvements with regard to environmental safeguards.

PART II - ENVIRONMENTAL MONITORING

- 16. No baseline have been done for proposed projects. Baseline Environmental measurements will be carried out by the contractor before commencement of the civil works.
- 17. 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

- 18. 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

- 19. Not yet applicable.

D. Consultations and Complaints

3.3 Non-Compliance Notices

- 20. Not yet applicable.

3.4 Corrective Action Plans

- 21. Not yet applicable.

3.5 Actions taken to reflect the findings of ADB mission

Not yet applicable.

3.6 Consultations and Complaints

Public Awareness Activities:

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

PART IV – CONCLUSIONS AND ACTION PLAN FOR THE NEXT PERIOD

4.1 Conclusions and recommendations

For the reporting period project is at the initial stage. Environmental and social team of PIU was completed according with the request.

4.2 Action Plan for the Next Period

- International Safeguard Consultant should prepare action plan for “Waste Management Strategy for city Tashkent” project. Action plan should include activities and schedule for plan preparation, implementation and update/improvement stages. Prepared action plan should be agreed with State Committee for Nature Protection;
- International team of PIU will start internal monitoring process for RAP implementation process;
- Should be prepared project specific gender activities plan. Prepared action plan should be submitted to ADB.