

Bi-annual Environmental Monitoring Report

Project Number: 45366

Reporting period: July-December 2017

Loan Number: 3067-UZB

Republic of Uzbekistan: Solid Waste Management Improvement Project

Financed by: Asian Development Bank

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Prepared by H.P. Gauff Ingenieure GmbH & Co. KG – JBG- (Germany) and ENG-INVEST Consulting Ltd. (Uzbekistan) for “State Unitary Enterprise “Maxsustrans” and Tashkent Municipality and the Asian Development Bank.

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ABBREVIATIONS

ADB	Asian Development Bank
CSC	Construction Supervision Consultant
EA	Executing Agency
EHS	Environmental Health & Safety
EIA	Environmental Impact Assessment
EIP	Environmental Impact Permit
EMP	Environmental Management Plan
ES	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”
PIU	Project Implementation Unit
SC	Supervision Consultant
SCEEP	State Committee of the Republic of Uzbekistan of Ecology and Environment Protection
SLF	Sanitary Landfill Facility
SPS	Safeguard Policy Statement
SSEMP	Site- specific Environmental Management Plan
SWM	Solid waste management
SWMIP	Solid Waste Management Improvement Project
MSW	Municipal Solid Waste

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PART I – INTRODUCTION

1.1. Project Background

1. The Government of Uzbekistan (GoU) has applied for a loan from the Asian Development Bank (ADB) for the development and improvement of Solid Waste Management (SWM) system of the capital city (Tashkent). The loan reference number is L3067-UZB: Solid Waste Management Improvement Project (SWMIP). The loan was signed between the Republic of Uzbekistan and Asian Development Bank (ADB) dated 27 February 2014 and Project Agreement dated 12 March 2014 signed between ADB, Tashkent City Municipality and the State Unitary Enterprise “MAXSUSTRANS”.

2. The project was prepared to impact an improved urban environment and quality of life for the residents of Tashkent. The project will develop a sanitary landfill that meets international standards, rehabilitate transfer stations, and modernize the waste collection and transfer fleet. It will build capacity in waste management and help formulate a national strategy on solid waste management.

3. The Government of Uzbekistan (GOU) seriously recognizes the need to develop and implement a national Solid Waste Management (SWM) strategy. Therefore, the GOU has requested support from ADB to address the SWM challenges. The proposed Project will contribute to sustainable urban development in Uzbekistan by: (i) modernizing SWM to provide continuous and reliable municipal services; (ii) promoting financial sustainability of municipal services through tariff rationalization and prudent financial management; (iii) supporting policy and institutional reforms for improved sanitation and environmental management; (iv) mitigating climate change through a major reduction of GHG emissions, and through compliance with international standards on waste minimization and material recycling; and through all these measures; (v) improving livability of cities.

4. The volume of the existing dumpsite is exhausted and the original plan of the city was to extend its dumpsite operations to an adjacent lot of additional 30 hectares of area. Being fully aware of the inevitable environmental impacts through the extension of this practice, the city asked the national government for assistance in this matter. Based on these activities, the Cabinet of Ministers approved in summer 2012 the location of new dumpsite on 30 hectares of agricultural area for the utilization for waste management activities.

5. GOU has already decided to start processing land allocation of a 30-hectare land plot immediately to the south of the existing Akhangaran dumpsite, on which to develop an interim dumpsite extension. This facility is designed to accommodate Tashkent's municipal waste for the next - 7 years, and until the longer-term solution is operational. However, following discussions, the city is now planning to reposition this 30-hectare facility to 25-hectare to the east of the existing dumpsite, and also to upgrade this facility to a sanitary landfill facility, designed to internationally accepted standards of environmental protection.

6. Last option of expansion of landfill to the east, it has the potential for progressive expansion to become a 250-hectare long-term regional landfill, which can serve Tashkent's disposal needs for

at least 50-years. In other words, this initial landfill actually is the first development phase of the much larger regional landfill, should this option be later selected by the city as the long-term disposal solution. Should the alternative long-term option be selected instead however, then this interim facility could be closed, or possibly could switch to serve the disposal needs of nearby communities. A conceptual design has been completed for the interim 25-hectare facility, which is naturally included as a component of the Project.

1.2. Project Objectives and Outputs

7. The overall objective is to provide an improved solid waste management (SWM) system in Tashkent, the capital city, to upgrade urban infrastructure and services. The project will develop a sanitary landfill that meets international standards, rehabilitate transfer stations, and modernize the waste collection and transfer fleet. It will build capacity in waste management and help formulate a national strategy on solid waste management.

8. 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 will be 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. Solid Waste Management Improvement Project (hereinafter called “Project”) is to contribute to the following issues:

- Segregation of Municipal Solid Waste stream;
- Proper collection and dumping to appropriate sites
- Establishment of modern SWM systems
- Remediation of old 'truck and dump' practices in cities and regions

9. Therefore, the **project objective** can be defined as follows:

- Technical, economic and financial feasibility;
- Focus on testing least cost technical solutions based on international standards,
- Operate on the principles of waste minimization and material recycling
- To achieve efficient collection, transfer and disposal of residual waste that meet acceptable standards of environmental protection

10. The Government of Uzbekistan has agreed for a loan from the Asian Development Bank (ADB) for the development and improvement of Solid Waste Management system of the capital city Tashkent. The Loan Agreement was signed on 27.02.2014 between the Republic of Uzbekistan and Asian Development Bank and the Project Agreement dated 12.03.2014 was signed between ADB,

Tashkent City Municipality and the State Unitary Enterprise “MAXSUSTRANS”. The loan reference number is L3067-UZB: Solid Waste Management Improvement Project (SWMIP).

11. The special Decree of Uzbekistan President No.PP-2255 about the implementation of SWMIP has been issued on 31.10.2014, which specified five years project implementation period (2014-2018) and total project cost - **USD 92,25 mln.**, of which USD 69,0 mln. the loan funds from ADB and USD 23,25 mln. the contribution of SUE “Maxsustrans” and the GoU. The GoU contribution is provided as exemption of tax and customs duties in Uzbekistan for the amount of USD 5,82 mln.

12. The GoU through its Implementing Agency (IA), the State Unitary Enterprise (SUE) “MAXSUSTRANS” utilizes part of this loan proceeds towards the cost of the contract for Consulting Services related to Project Management, Implementation and Supervision, supporting the Project Implementation Unit (PIU).

13. The project was prepared to impact an improved urban environment and quality of life for the residents of Tashkent. The outcome will be improved SWM services and management in Tashkent with the following key outputs:

- i. **Output 1 - Rehabilitated and expanded solid waste management (SWM) system in Tashkent.** By the project completion it is expected that (i) rehabilitation of transfer stations and possible closure of an existing transfer station,² (ii) 3 million tons of disposal capacity established with international environmental standards, and (iii) 1,950 tons per day of disposal and operational capacity established;
- ii. **Output 2 - Strengthened operational capacity.** By the project completion it is expected that (i) at least 90% of households actively segregating waste at source, (ii) campaign to raise awareness will reach 90% of households on waste segregation with women households members’ participation, (iii) improved management and operations of Maxsustrans, including a 20% improvement (reduction) in cost per ton of waste disposal, and (iv) an IT-supported MSW collection system based on a geographic information system (GIS) database is implemented and 80% of trips monitored by the system is achieved.; and
- iii. **Output 3 - National SWM strategy.** By 2016, a draft national SWM strategy prepared and submitted to the Government and ADB.

14. There are two executing agencies (EAs) for the project – the **Tashkent Municipality (Hokimiyat of Tashkent city)** for the overall oversight and monitoring of Outputs 1 and 2 and **State Committee of the Republic of Uzbekistan of Ecology and Environment Protection (SCEEP)**¹ for execution of Output 3—the national SWM strategy. Outputs 1 and 2 will be implemented by State Unitary Enterprise “MAXSUSTRANS”. A PIU was established within MAXSUSTRANS to support project implementation. This support will include project management, financial management, procurement, contract administration, safeguards implementation, construction and technical supervision, and monitoring and evaluation.

15. The key objective of this assignment is to provide project management, implementation and supervision support to the PIU of the SWMIP on behalf of Tashkent City Hokimiyat and SUE

¹ Acc. to the President Decree #UP 5024 from 21.04.2017 the State Committee of Uzbekistan for Nature Protection was renamed into the State Committee of the Republic of Uzbekistan of Ecology and Environment Protection (SCEEP)

“MAXSUSTRANS” and to improve where necessary the project management capability of the SUE “MAXSUSTRANS” and PIU.

1.3. Project Site Description

16. The Akhangaran landfill is located approximately 35 km south of the center of Tashkent City in the Akhangaran district of Tashkent Province. The facility has been in use since 1967 and is currently handling the wastes collected from Tashkent city and partial from Chirchik. The proposed site for a modern Sanitary Landfill is located at the eastern side of the existing Akhangaran Landfill. The total area for Landfill will cover approximately 25 hectares of agricultural land.

17. Visibly, the adjacent areas are irrigated agricultural areas predominantly characterized by undulating valleys. There are no residential areas or industrial facilities within a 3-4 kilometer radius. Farmers come primarily from villages located about 5 kilometers from the site. At the landfill area, there are established basic facilities such as a weighbridge, administrative building, a maintenance shed, security gate, and record-keeping shed. The area is connected to the main road, Highway P2 via an asphalt access road that leads directly to the landfill. The distance from the highway to the landfill area is about a kilometer. Aside from the typical agricultural vegetation being grown, the area is characterized by reeds often found along the boundaries of each plot. Common farm livestock is common in the area.

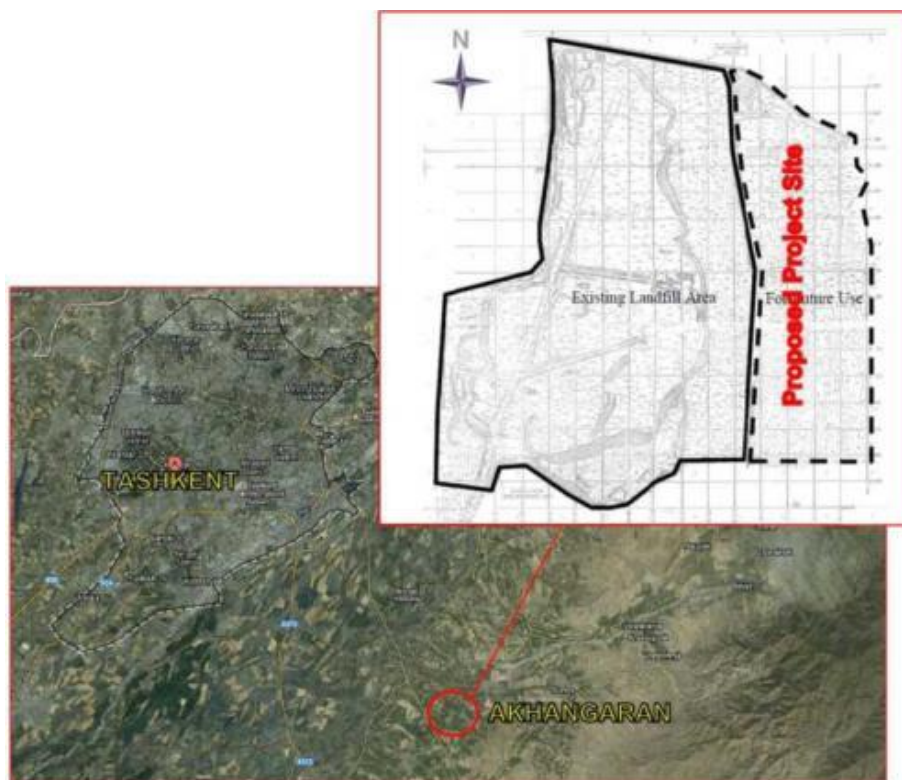


Figure 1 Location map of Akhangaran landfill

18. Access to the site: Land acquisition for the expansion of existing landfill will not require construction of any additional access road to the site. This is visualized below on given image

(Figure below). Access to land will be through already functioning road. Buffer zone for the SLF will be within the acquired land plots.



* Yellow line is border of existing landfill; blue line is border of expansion

Figure 2 proposed Akhangaran landfill expansion

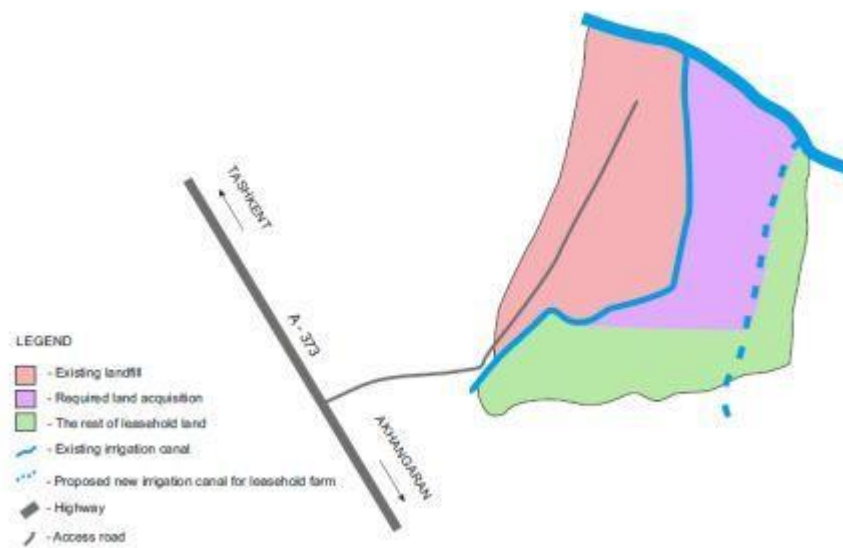


Figure 3 Map of acquired land plot and irrigation canal

1.4. Extent of the IEE Study

19. The IEE report (was prepared in May 2013) covers the general environmental profile of the project and includes an overview of the potential environmental impacts and their magnitude on physical, ecological, economic, and social and cultural resources within the subproject's influence area during design, construction, and operation stages. An Environmental Management Plan (EMP)

is also proposed as part of this report which includes mitigation measures for significant environmental impacts during implementation of the Project, environmental monitoring program, and the responsible entities for mitigation and monitoring.

1.5. Construction Activities and Project Progress During the Previous Period

20. Based on data available at the ADB web site as of end of August 2017, the total disbursed amount reached USD 5.304.870², that corresponds to 7,7% from the total loan amount. These funds were initially used for the supply of goods, PIU maintenance, payment for services of both individual consultants and consultant firms.

21. To be mentioned that to the Commencement Date of the Consultant the IA has arranged the following procurement packages:

GOODS:

- SUE/Maxsustrans/ICB-G3-2016-01 - Waste collection bins 750 l and 1100 l, 2 Lots (current status: delivery was completed. Upon request of SUE “Maxsustrans” this Contract can be extended till the end of this year by delivery of additional 30% waste collection bins)
- SUE/Maxsustrans/ICB-G2-2016-02 - Waste Collection Trucks and Transfer trucks; Trailers and Containers (3 lots) (current status: bid evaluation in progress)
- SUE/Maxsustrans/ICB-G4-2017-04 - Office equipment for PIU and IA (current status: completed):

WORKS:

- None

Please note, that SUE “Maxsustrans” has arranged collection points upgrade and rehabilitation (please refer to the package CW5 - #SUE/Maxsustrans/ICB-W5) at own funds and financed these Works by the national currency – Uzbek Sum (current status: the works completed).

SERVICES:

- SUE/Maxsustrans/QCBS-Cons_2 – Landfill Design and Supervision Consultant (current status: shortlisting in progress)
- SUE/Maxsustrans/QCBS-Cons_3 – Corporate Development Consultant (current status: contract negotiated)
- SUE/Maxsustrans/LCS-Cons_5 – Project accounts Audit Services (current status: the original contract completed and amendment 1 signed for further services)
- SUE/Maxsustrans/LCS-Cons_4 – Individual Consultants for IA and PIU (current status: completed):

² Excluding USD 314 608.78 interest charges deducted from the loan account by ADB

- Cons_4-IC-1 Project Management and Procurement Specialist (International)
- Cons_4-IC-2 Safeguards Specialist (International)
- Cons_4-IC-3 Financial Management Specialist (National)
- Cons_4-IC-4 Monitoring and Evaluation Specialist (National)

1.6. Changes in Project Organization and Environmental Management Team

Organizational & Safeguard Aspects

22. PIU Consultants (H.P. Gauff Ingenieure GmbH & Co. KG – JBG- (Germany) and GKW Consult GmbH (Germany) and ENG-INVEST Consulting Ltd. (Uzbekistan)) were selected through the tender, and the contract for Project Management, Implementation and Supervision Consultancy Services was signed in August, 2017.

23. Under the terms and conditions of the tender, the PIU Consultant Company has National Environmental Expert – Sergey Karandaev, who will implement environmental safeguards services.

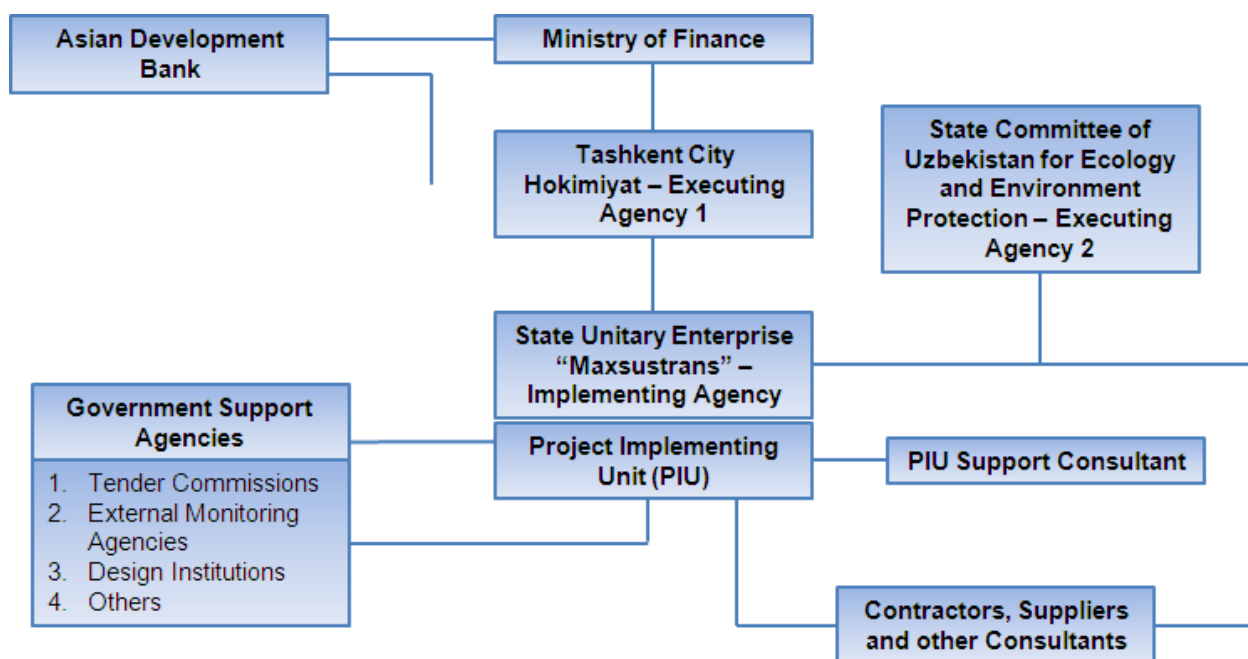
24. International Construction Contractor has not been provided by the TOR and PIU Consultants Contract. It is intended to announce bidding for Construction Contractor in December 2017.

25. Additionally, it should be noted that, on June 19, 2017 an advertisement was published to hire Landfill Design and Supervision Consultants. This consulting company will do design works of closing old landfill and establishing of new landfill, and additionally will supervise all construction works related to Landfill establishment.

26. As said above, there are two executing agencies Tashkent City Hokimiyat (City Administration) and State Committee of the Republic of Uzbekistan of Ecology and Environment Protection (SCEEP) responsible for the overall oversight and monitoring of the Project outputs, and also one implementing agency State Unitary Enterprise “MAXSUSTRANS”. PIU was established for assistance in management, planning and implementation of the Project on behalf of SUE “Maxsustrans”.

27. Currently the Project organization structure is given on Figure 4 below:

Figure 4: Project Organization Structure



1.7. Agencies Involved in Investment Program Implementation

28. The following agencies are involved in implementing the investment program: State Committee of the Republic of Uzbekistan of Ecology and Environment Protection (SCEEP) 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. SCEEP is responsible for implementation of Part A of the contract – preparation of National Municipal Solid Waste Strategy of city Tashkent. ADB will oversee project sites regularly and give clear instructions for the project sites improvements with regard to environmental safeguards.

29. 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.

30. Maxsustrans hired International Project Management and Supervision Consultant (PIU Consultants) - H.P. Gauff Ingenieure. The Company has a many-year-long work experience in the field of waste management. Under the Tender terms and conditions, the said Company hired a National Environmental Expert and Social Safeguard and Development Specialist.

1.8. Responsibilities for Supervision of Environmental Matters

31. To ensure proper compliance of environmental safeguards, the Environmental Expert of PIU (National Environmental Expert of Project Management, Implementation and Supervision Consultant) will monitor environmental matters and report to the Project Manager who shall advise the Project Director.

32. Environmental issues arising from the construction activities should immediately be brought to his attention to coordinate efforts in order to immediately mitigate impacts, protect the environment, and safeguard the health and welfare of the local communities. All these are to be conducted within the framework of the overall construction management and supervision.

1.9. Responsibilities for Carrying Out Mitigation Measures

33. During construction stage, implementation of mitigation measures is the construction contractor's responsibility while during operation stage.

34. To ensure implementation of mitigation measures during the construction period, contract clauses for environmental provisions will be part of the civil works contracts. Contractors' conformity with contract procedures and specifications during construction will be carefully monitored by PIU and Project Management, Implementation and Supervision Consultant.

35. 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 Construction Supervision Consultant (CSC);
- 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).

1.10. Relationships with Contractors, Owner, Lender, etc.

36. The Construction Supervision Consultant (CSC) is working closely with the SUE "MAXSUSTRANS" Project Implementation Unit (PIU) and the ADB Project Officer. According to the TOR for Project Management, implementation and supervision consultancy services for the project funded under ADB Loan 3067-Uzb: Solid Waste Management Improvement Project (SWMIP), only National Environmental Specialist will support the project implementation.

37. The responsibilities of the national environment specialist (ES) of CSC include:

- Supervise the implementation of the environmental protection and impact mitigating measures by the contractor(s). The project work may only be ordered to start after the review is completed and ES of CSC is satisfied with the environmental arrangement;
- Supervise construction activities to ensure minimum impact on the natural and socioeconomic environment;
- Regularly monitoring the performance of the Contractor(s) environment staff, verifying monitoring methodologies and results. In case the ES of CSC considers that the Contractor(s) environment staff fail to discharge duties or fail to comply with the contractual requirements, instruct the Contractor(s) to replace their environment staff;
- Review of the construction design to ensure compliance with project engineering design and the EMP with regard to environmental protection and impact mitigation;
- Prepare the necessary remedial actions for any unforeseen impacts, and
- Instructing the Contractor(s) to take corrective actions within timeframe as determined by the ES of CSC. If there is breach of contract or strong public complaints on contractor environmental performance, the ES of CSC will order contractor to correct, change or stop the work and reporting to the relevant agencies and the EA;
- Address complaint related with environmental aspect of the project through GRM;
- Supervision of the Contractor(s) activities and ensuring that the requirements in the EMP and contract specifications are fully complied with;
- Instructing the Contractor(s) to take actions to reduce impacts and follow the required EMP procedures in case of non-compliance / discrepancies identified;
- If the contractor discovers cultural relics by chance, the ES of CSC will order site protection and report to the relevant authorities and the EA;
- Monitoring Contractor(s) performance to ensure that they cut trees in strict accordance with the pre-determined area, numbers, and species set out in the permits and comply with wildlife and plant protection requirements during construction;
- Monitoring Contractor(s) compliance with the project grievance redress mechanism.

38. During construction, Environmental Specialist (ES) of CSC will monitor the construction contractor's environmental performance.

39. CSC will submit periodic monitoring and implementation reports to PIU, who will take follow-up actions, if necessary. PIU will submit monitoring reports to the Project Director who will then submit to ADB. The annual report is to focus on the progress of implementation of the EMP and Environment Implementation Plan Requirements (EARP) and issues encountered and measures adopted, follow-up actions required, if any, as well as the status of Program compliance with project selection criteria, and relevant loan covenants. PIU will seek clearance for submission and disclosure of the annual environmental monitoring report to ADB.

40. During project implementation, the supervision consultants in cooperation with PIU will be required to

- develop an environmental auditing protocol for use during construction, and formulate a detailed monitoring and management plan; and
- regularly supervise the environmental monitoring, and submit quarterly reports based on the monitoring data and laboratory analysis report.

41. No Third Party Agency has been engaged until now. The Employer prefer / suggest latest during the frame work for the Package CW 1 and further an International Environmental Expert should involve by part time.

PART II – ENVIRONMENTAL MONITORING

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

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

44. According to Environmental Monitoring Plan included into IEEs, the following parameters needed to be monitored during the construction stage:

- Landscape Alteration;
- Erosion;
- Water;
- Air and Noise;
- Environmental Health and Safety.

45. The EMPs indicated that Contractor would be responsible for conduction visual monitoring of above indicated parameters. No more requirements on environmental monitoring were included in EMP and as following in SSEMP. Instrumental monitoring of quality of environment was not conducted.

PART III – ENVIRONMENTAL MANAGEMENT

3.1 The Environmental Management System, Site-Specific Environmental Management Plan (SSEMP) and Work Plans

46. SSEMP for the project “Solid Waste Management improvement Project” will be prepared by Environmental Specialist of construction company before commencement of the civil works. SSEMP will be endorsed by the Supervision Consultant and approved by PIU, after which construction company can start construction activities.

3.2 Site Inspections and Audit

47. Not yet applicable.

3.3 Non-Compliance Notices

48. Not yet applicable.

3.4 Corrective Action Plans

49. Not yet applicable.

3.5 Actions Taken to Reflect the Findings of ADB Mission

50. The semi-annual Safeguards Monitoring Reports for the period of January-July 2017 were posted on Maxsustrans website.

3.6 Consultations and Complaints

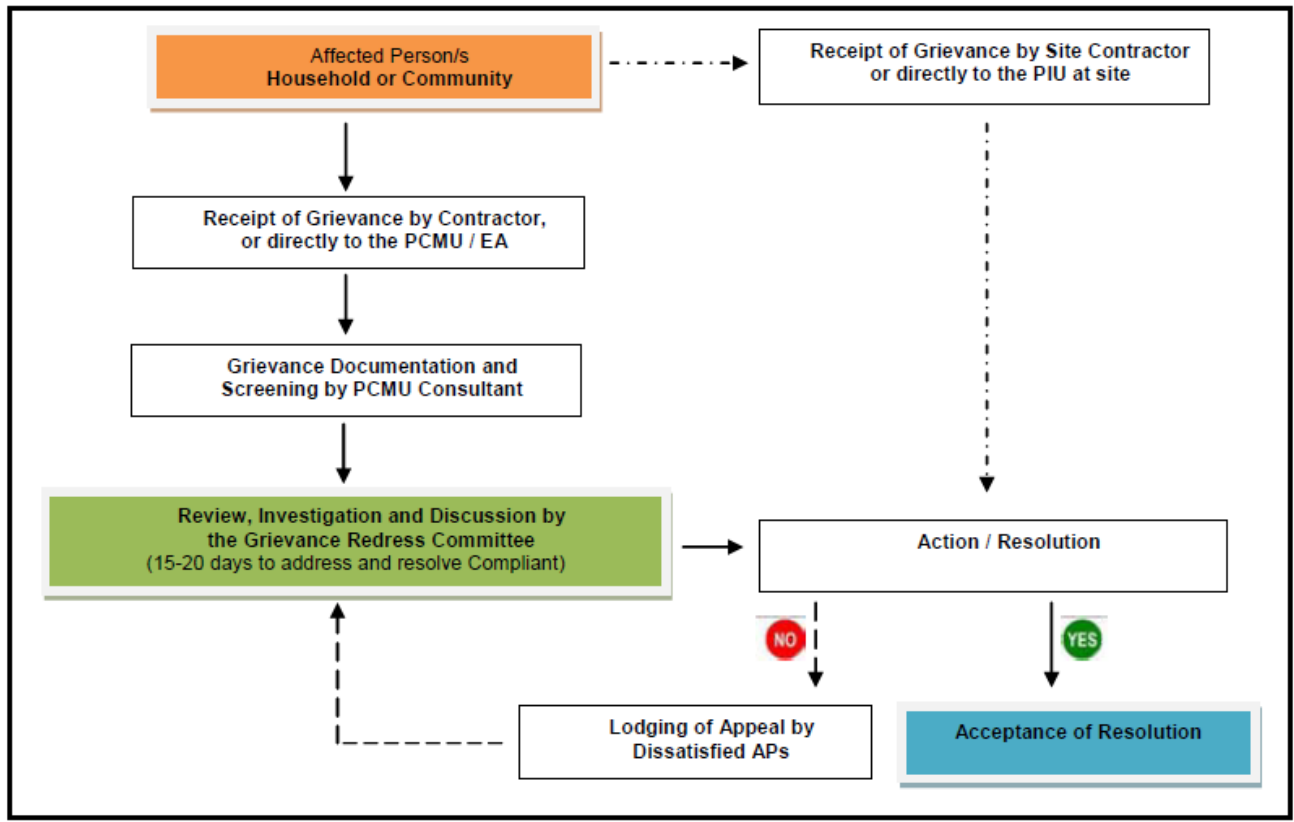
Public Awareness Activities

51. No public awareness activities were carried out within the project during the period of July-December 2017.

Grievance redresses Mechanism (GRM)

52. A project-specific grievance redress mechanism (GRM) is established by the EA to provide a transparent mechanism to voice and resolve environmental concerns linked to the project. According to the Decree of President of the Republic of Uzbekistan SUE Maxsustrans established (organized) “People’s Reception Room” in its each district branch in Tashkent city, including one in SUE Maxsustrans building for PIU related queries. The EA ensures that grievances and complaints are addressed in a timely and satisfactory manner to avoid any potential delays in the establishment of the project. Figure 5 gives the details of the grievance redress mechanism.

Figure 5. Grievance Redress Mechanism



53. The PIU has established Grievance Redress Committee (GRC). GRC provides 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 PIU / EA contact person. These are 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 has 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 by the AP to be immediate and urgent; the contractor, EHS officer and PIU on-site supervisor will provide the most accessible and practical solution for a quick resolution of grievances. Such grievances and respective resolutions submitted to the PIU for proper documentation. The PIU contact person is responsible for recording the complaint, the step taken to address grievance, minute of the meetings and preparation of a report for each complaint. Records is kept by the PIU of all grievances received including contact details of AP, date the complaint waste 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.

- PIU – responsible person for GRM is the director of PIU, Mr. Rustam Shukurov, tel: +99871 2477923
- EA is SUE Maxsustrans. The responsible person for GRM is Mr. Shukhrat Inogamov, tel: +99871 2473599, email: maxsustrans@inbox.ru

- PCMU Consultant is social and resettlement specialist, Mrs. Maria Malinovskaya, tel: +99871 1508887, email: malinovskaya@almarconsulting.org

54. 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.

55. There have been no environmental complaints or grievance reported on the sub project till date (January 2018).

PART IV - CONCLUSIONS AND ACTION PLAN FOR THE NEXT PERIOD

56. Establishment of environmental and social team within the PIU was completed as it is an issue of compliance with legal covenants.

57. Action plan for the next January-June 2018 reporting period:

#	Action	Time frame	Responsibility
1.	Safeguard Compliance and Monitoring Report (3 quarterly report)	Q2, 2018	PIU Consultants National Social Safeguards and Development Specialist
2.	Tender documents for construction contractor	Q1, 2018	PIU Consultant
3.	SUE Maxsustrans – Capacity Development Program Consultants will be hired	Q2, 2018	PIU
4.	Landfill Design and Supervision Consultants will be hired	Q2, 2018	PIU
5.	Review the environmental monitoring checklist with regard to current requirements and update as required.	Q1, 2018	PIU Consultants National Social Safeguards and Development Specialist
6.	Collect and provide the relevant information on environmental indicators to PIU.	Q1, 2018	PIU Consultants National Social Safeguards and Development Specialist
7.	Other routine issues like unscheduled site visits, follow up of the detected defects, environmental assessment of designs.	Upon the need	PIU Consultants National Social Safeguards and Development Specialist
8.	Reporting on environmental safeguards	Monthly Bi-annual	PIU Consultants National Social Safeguards and Development Specialist