



Municipality of Yerevan

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ARMENIA: YEREVAN SOLID WASTE PROJECT – ENVIRONMENTAL AND SOCIAL DUE DILIGENCE

“ESDD2”

STAKEHOLDER ENGAGEMENT PLAN

19th May 2015

CONTRACT No. C29500/AMIF-2014-07-07



Client:

Municipality of Yerevan

Consultant: **Joint-Venture**



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Register of Submissions

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1. PREPARATION OF THE SEP

The capital city Yerevan intends to build a new sanitary landfill next to the existing one. This new sanitary landfill will cover an area of about 29 ha. This new landfill shall meet the state-of-art according EU directive for landfills. The landfill site has a life-span of 30 years. This project is also in accordance to the National Waste Strategy of Armenia.

This document is the Stakeholder Engagement Plan (SEP) for the Yerevan Landfill Project. This SEP has been prepared for the Project and is focused on the next phases of the project which are design, construction, and operation. The aim of the SEP is to ensure that adequate and timely information is provided to project-affected people and other stakeholders so that they have an opportunity to voice their opinions and concerns, and these concerns can influence Project decisions. Moreover, it discusses various engagement medium to utilize and provides an implementation plan.

1.1 Legal Framework for Consultation and Project Disclosure

1.1.1 International Framework

The following international documents are relevant for the SEP preparation:

- UNECE Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention);
- *“The Aarhus Convention is a multilateral environmental agreement through which the opportunities for citizens to access environmental information are increased and transparent and reliable regulation procedure is secured. It is a way of enhancing the environmental governance network, introducing a reactive and trustworthy relationship between civil society and governments and adding the novelty of a mechanism created to empower the value of public participation in the decision making process and guarantee access to justice: a "governance-by-disclosure" that leads a shift toward an environmentally responsible society”.*
- The EU Directive 85/337/EEC, amended by the Directive 97/11/EC, on the Assessment of the Effects of Certain Public and Private Projects on the Environment.

1.1.2 Legislation of Armenia

Armenia is a party to a number of conventions and international treaties providing a framework for the public consultation process with regard to the Project, including the following relevant legislation:

NO.	CONVENTION OR PROTOCOL, NAME AND PLACE	IN FORCE	SIGNED	RATIFIED	COMMENT
1	Convention on Wetlands of International Significance especially as Waterfowl Habitat (Ramsar, 1971)	1975	1993	Ratified by USSR	
2	Convention on Biological Diversity (Rio-De- Janeiro, 1992)	1993	1992	1993	Reregistered in UN 1993
3	Cartagena Protocol on Biological Safety (Cartagena, 2000)		2000	2004	
4	UN Framework Convention on Climate Change	1994	1992	1993	Reregistered in UN 1993
5	Kyoto Protocol (Kyoto, 1997)			2002	Reregistered in UN 2003
6	Convention on Long-range Transboundary Air Pollution (Geneva, 1979)	1983		1996	Reregistered in UN 1997
7	Convention on Environmental Impact Assessment in a Transboundary Context (Espoo,	1997		1996	Reregistered in UN 1997
	Protocol on Strategic Environmental Assessment (Kiev, 2003)		2003		
8	Convention on the Transboundary Effects of Industrial Accidents (Helsinki, 1992)	2000		1996	Reregistered in UN 1997
	Protocol on Civil Liability and Compensation for Damage caused by the Transboundary Effects of		2003		
9	UN Convention to Combat Desertification (Paris,	1996	1994	1997	Reregistered in UN 1997
10	Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal (Basel, 1989)	1992		1999	Reregistered in UN 1999
11	Convention for the protection of Ozone Layer (Vienna, 1985)	1988		1999	Reregistered in UN 1999
	Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal, 1987)	1989		1999	Reregistered in UN 1999
12	Convention on Access to Information, Public Participation in Decision-Making and Access to Justice in Environmental Matters (Aarhus,	2001	1998	2001	
13	Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade		1998	2003	
14	Convention on Protection and Use of Transboundary Watercourses and International	1996	1999		
	Protocol on Water and Health (London, 1999)		1999		
15	Stockholm Convention on Persistent Organic Pollutants (Stockholm, 2001)		2001	2003	
16	Convention on the Prohibition of Military or any Other Hostile Use of Environmental	1978		2001	Reregistered in UN 2002
17	European Convention on Landscape			2004	

NO.	CONVENTION OR PROTOCOL, NAME AND PLACE	IN FORCE	SIGNED	RATIFIED	COMMENT
18	Convention on Protection of the World Cultural			1993	
19	Energy Charter Treaty (Lisbon, 1994)			1997	
	Energy Charter Protocol on Energy efficiency			1997	
20	European Convention on Protection of Wild Nature and Habitat (Bern, 1979)	1982	2006		

Table 1: Border between the districts of Erebuni and Nubarashen City of Yerevan and the location of the new landfill site

- Convention on Environmental Impact Assessment in a Trans-boundary Context (Espoo, 1991).
- Protocol of Strategic Environmental Impact Assessment of the Convention on Environmental Impact Assessment in a Trans-boundary Context (Kiev, 2003).
- Convention on Protection and Use of Trans-boundary Watercourses and International Lakes, 1992 (has not been signed by Armenia).
- Water and Health Protocol of the Convention on Protection and Use of Trans-boundary Watercourses and International Lakes (1999)

Engagement of stakeholders and public consultation activities are also included in the Guideline for Landfill Construction and Operation adopted by the Ministry of Urban Development of Armenia in 2010.

1.2 Summary of Previous Stakeholder Engagement Activities

According to the information given by the client, seminars and workshops about Solid Waste Management in Armenia were held at the Ministry of Territorial Administration. One seminar about the same topic was organized recently in Caxkadzor by the EBRD. (Tadevosyan, Yerevan Municipality September 2014)

Public hearings according to the legislation have not been organized so far. Also the head of the communities Nubarashen and Erebuni confirmed that public meetings to inform the public about the project have not been held so far. (Wefelnberg, Bernard Ingenieure interviews September 2014)

1.3 Identification of Stakeholder

The following list gives an overview of those groups that could be directly affected by the construction and operation of the new landfill site.

The following groups have been identified so far.

1.4 Directly affected Stakeholders

Directly affected stakeholders include those people, who are economically, socially or by human health issues potentially affected by the project. The following groups of people are considered as internal stakeholders:

- Construction Workers
- Waste pickers
- Erebuni-Makrutyun LTD as the operating company holding a permanent leasing contract for operation of the landfill.
- Landowner Yerevan Municipality (“Municipal Landfill CJSC”)

- Forest Authority State of Armenia “Hye Antar”, as the owner of the surrounding land (dedicated as forest) (refer to Map YSW_ESIA_A1_03, Cadastral map).

1.5 Indirectly Affected Stakeholder

The indirectly affected stakeholders include those groups of people, who are affected according to their mandate.

Ministry for Nature Protection

- State Non-Commercial Organization
- Biodiversity Policy Division
- Water Resources Policy Division
- Atmospheric Air Policy Division

Ministry of Culture

- Agency for Protection of Historical and Cultural Monuments
- Department of Cultural Heritage

Ministry of Territorial Administration

Ministry of Health Care

- Department of Sanitation and Hygiene

Ministry of Energy and Natural Resources

Ministry of Health Care

- State Hygiene and Anti-Epidemic Inspectorate

Ministry of Labour and Social Affairs

Districts of Yervan

- Erebuni
- Nubarashen

NGOs

- Public Environmental Alliance
- Association of Sustainable Human Development
- Armenian Women for Health and Healthy Environment

1.6 Assessment of Involvement of Women

Women in Armenia have lower rates of labour force participation than men (55.9% vs. 72.8%). There are high levels of horizontal segregation, underpinned by societal norms regarding ‘suitable’ jobs for women as well as by the fact that women are over-represented in tertiary education courses, which do not often lead to better paid sectors. About two-thirds of women work in agriculture and public administration, which are also one of the lowest paid

sectors of the economy. There is a significant gender pay gap: on average, women's monthly earnings represent 65% of men's. Women bear primary responsibility for childcare and housework. Childcare services are thought to be unavailable or too expensive.

Men and women often have different needs and priorities in terms of how municipal services including solid waste services should be designed and delivered, especially where these relate to their different economic activities and care responsibilities. There are differences according to gender with respect to the generation, disposal, re-use, recycling and management of waste as well as activities that support that sector. For example, formal tariff collection times often do not pay attention to the schedules and responsibilities of women who have to take the solid waste to the collection points. Women often take responsibility for community cleanliness and their contribution can be hindered if they have to take waste to bins that are far away or dark. The size and design of bins often makes them difficult for women to access due to their lesser physical strength. Capacity and willingness to pay for the services is another point with a gender dimension. For example, women's opinion on the quality of the service has a big influence on the willingness of the household to pay for improved services.

Related to project operator, the municipality of Yerevan, the percentage of employed women is about 53 %. The total number of municipal employees is 1896, of which 1003 are women and 893 are men. The number of women in the high management level is amounts only to 45 (from which 3 head of departments, the rest are head of divisions. This might suggest that women are not considerably part in decision-taking of the waste improvement process, even though the role of women is essential within the waste processing and community cleanness, as mentioned before.

This might suggest that decision-taking process concerning waste process enhancements on a political level is not conducted by women.

The Erebuni-Makrutyun LTD has 6 employees for the operation of the landfill, of which are 5 men and 1 woman, which correspond to a share of 17% women. This may result from hard working conditions on the landfill site, which also require a certain degree of physical strength, but also from gender gaps especially concerning labour practices and access to employment.

Within the staffing of the new landfill as well as within staffing under the purview of the Municipality of Yerevan a women's representative is to be implemented to bridge these gaps (refer to ESDD 03, staffing requirements). Equal involvement of women, equal remuneration and part-time working hours have to be implemented by the operation company.

During the construction and operation phase, potential risks or nuisance can occur independent from the gender status (e.g., accidents, emission of air pollutants).

1.7 Action Plan for Further Consultation

The proposed actions consider the meaningful ways of disclosure of information considering the current experiences in Yerevan, but also the experiences of the consultant.

In addition to regulatory authorities, the client (with the support of the consultant) has identified both internal stakeholders such as residents as well as external stakeholders, such several ministries that may be interested in its activities.

For each stakeholder, proposed communication is listed, including addresses and contact details for more information, as well as specific media that will be used to notify stakeholders of information, such as opportunities for public consultation or significant changes. Suggestions for improvement of proposed communication methods or media are welcomed, to the contact information at the end of this document.

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
Directly affected Stakeholders			
Temporary Construction Worker		Code of conduct. Special information on reconstructed facilities.	Information in contract, bulletin board, training. Grievance mechanisms.
Waste Pickers	Up to 200 PAPs (including all family members)	Waste pickers have to be informed about the new landfill and the no longer possible access to the area and the consequential economic displacement. The provided information has to include why certain measures are necessary requirements of a modernized landfill (fences, security issues) Moreover, the conduction of a Livelihood Restoration framework (LRF) including a full census and an economic survey and the cut-off registry has to be announced. The entitlement matrix and eligibility criteria for compensation (vocational training, social welfare and other assistance have to be announced, described and explained.	Meetings will be held at their settlement (playground in the middle of the settlement) Meetings will be held prior construction already during the execution of the ESDD. For this purpose an external consultant has to be hired, which operates and monitors the LRF process.
Landowner	State of Armenia, Yerevan Municipality	Yerevan Municipality has to discuss the issue of transferring state owned land to the Forest Authority with the State of Armenia. (even though regional plan stated the land use "Landfill" for the project area)	Meetings
Indirectly Affected Stakeholders			
Environmental Expertise State Non-Commercial Organization (SNCO) (Ministry of Nature Protection, MNP)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Director Baghdasar Sngryan Address: 29 Komitas Ave. Yerevan, 0012,

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
			Armenia Tel: (+374 10) 272007
Biodiversity Policy Division (Ministry of Nature Protection, MNP)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Head of Department Gagik Manucharyan Adress: 1/3 Byuzand str., 0010, Yerevan, Armenia Tel: (+374 10) 527952
Water Resources Policy Division (Ministry of Nature Protection, MNP)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Head of Division Liliana Alihayan Adress: Government Building 3, Republic square, 0010, Yerevan, Armenia Tel: (+374 10) 540867
GNCO "Environmental Impact Monitoring Centre"		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Mr. Arpine Hovhannisyanyan
UN Framework Convention on Climate Change National Focal Point		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Mr. Aram Gabrielyan
Atmospheric Air Policy Division (Ministry of Nature Protection, MNP)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public meetings, reporting Zara Sarsgyan

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
Department of Hazardous Waste Substances and Waste Policy (Ministry of Nature Protection, MNP)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Head of Department of Hazardous Substances and Waste Policy Anahit Aleksandryan Adress: Government Building 3, Republic square, 0010, Yerevan, Armenia Tel: (+374 10) 585326
Agency for Protection of Historical and Cultural Monuments (Ministry of Culture)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Public Meeting, Reporting n.n.
Department of Cultural Heritage (Ministry of Culture)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting n.n.
RA Ministry of Territorial Administration (MTA)		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Armen Gevorgyan Adress: 2 Government Building, Republic square, 0010, Yerevan, Armenia Tel: (+374 10) 525274

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
Ministry of Health Care Department of Sanitation and Hygiene		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Head of Inspectorate Address: 10 G. Hovsepyan str., Yerevan, 0047, Armenia Tel: (+374 10) 520660
Ministry of Energy and Natural Resources		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Minister Armen Movsisyan Address: Government Building 2, Republic square, 0010, Yerevan, Armenia Tel: (+374 10) 521964
Ministry of Labour and Social Affairs		Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process	Publication on web-site Public Meeting, Reporting Minister Arthur Grigoryan Address: Government Building 3, Republic square, 0010, Yerevan, Armenia Tel: (+374 10) 526831
City of Yerevan, District of Erebuni	120.000	Information about the results of the ESDD (and the consideration of the raised questions from the first public meeting). Information about the follow up process (information will be limited to	Web-Site (will be published on the official website of Yerevan Municipality), Social Media (e.g Facebook; Yerevan Municipality is already

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
		the fact that higher services require higher tariffs; in any case the tariffs will not be changed in the next 3-4 years, e-mail Rudik Tadevosyan 18.03.2015) Disclosure of ESDD-documents	present; but not the specific landfill site project), Local Press, TV (Yerevan Municipality has special hours.e.g. on Armnews channel 30 minutes on Saturday and Sunday), Public Meetings Head of the District Armen Harutuyunyan Adress: Sasunti 87 Yerevan Tel. (+374 10) 54 49 13
City of Yerevan, District of Nubarashen	9.700	Disclosure of ESDD-documents	Web-Site, Social Media (e.g Facebook), Local Press, TV, Public Meetings Head of the District Arthur Kirakosyan Adress: 4 Nubarashen Str. 9 Yerevan Tel. (+374 10) 47 60 50
NGO Public Environmental Alliance		Information about the results of the ESDD (and the consideration of the rised questions from the first public meeting). Information about the follow up process	Web-Site, Social Media (e.g Facebook), Local Press, TV, Public Meetings n.n.
NGO Association of Sustainable Human Development		Public Meeting, Reporting President of Association Karine Danielyan Tel: +374 10 52-23-27 Tel: +374 91 36 58 86	
NGO Armenian Women for Health and Environment		Information about the results of the ESDD (and the consideration of the raised questions from the first public	24D, Baghramyane Ave., room 609 Yerevan, Armenia 0019 tel. / fax. (+374 10) 523604

STAKEHOLDERS	POPULATION	PURPOSE OF COMMUNICATION	PROPOSED MEDIA
		meeting). Information about the follow up process	e-mail: office@awhhe.am

1.8 Disclosure Plan

1.8.1 Disclosure of Information

Impacts during the construction phase are mainly limited within the area of the new landfill site.

The route for construction vehicles will be the same city roads as the existing routes for waste trucks. Long segments on this feeding road are not populated (big cemetery).

Outside of this segment of the feeding road, the share of this additional road due to the additional trucks during the construction phase, in comparison to the existing traffic, is negligible.

An update on the schedule of works will be provided to the client and to the Districts of Nubarashen and Erebuni 4 weeks prior to commencement of works, and a reminder about the works and the availability of the grievance mechanism and Telephone Hotline will be posted on the f the City of Yerevan website as well as at the main office bulletin board in the districts of Nubarashen and Erebuni.

“Face to Face” – meetings

Those people, who are economically and socially directly affected, for example the landowners and the waste pickers, will be met with and communicated with on an individual basis..

Public participation meetings

To provide a forum for active stakeholder participation, public meetings should be held at the time of presentation of the project and after the end of the stakeholder consultation period. Invitations should be sent to:

- Districts of Nubarashen and Erebuni
- Local population
- Authorized bodies of different Ministries
- Local NGOs
- Local media

Public display of information in selected places

- Distribution of project flyers and leaflets about the benefits of the project together with “free of charge” newspapers
- Inform the local population about the project and mobilisation for the planned meetings on selected public holiday via the head of the districts. (common method in Armenia) Fur this purpose newspapers and the radio should be used.
- Inform the local population about the project and mobilisation for the planned meetings via publication in showcases in Nubarashen and Erebuni. Furthermore the complete ESIA disclosure package (NTS, ESIA, ESAP, NTS, LRF) will be available physically for at least 120 days in Nubarashen and Erebuni and during the duration of the project implementation.

Location of ESDD disclosure at the district of Nubarashen:

Address: 4 Nubarashen str. 9, Yerevan, Phone number: (+374 10) 47-60-50, Head of district: Arthur Kirakosyan

Location of ESDD disclosure at the district of Erebuni:

Address: Sasunti 87, Yerevan, Phone number: (+374 10) 54 49 13, Head of district: Armen Harutuyunyan.

- Post box will be put at a location convenient for the general public (e.g. within the administrative unit in Erebuni and Nubarashen) with periodic collection, documentation and inclusion of comments

Project website

Yerevan Municipality should establish detailed information regarding the project on its website. This information should feature:

- Periodic updating
- Presentation of the project document
- Counting of number of visits on web-site
- Option to submit comments (identification of contributor necessary)
- Collection of comments
- Report and inclusion of comments

Social Media

Yerevan Municipality should establish and distribute information via social media. This information should feature:

- Periodic updating
- Presentation of the project document
- Submit comments (identification of contributor necessary)
- Collection of comments
- Report and inclusion of comments

Activities through the media

- Invitation to public participation meetings
- Invitation to visit the project website
- Providing project information
- Overview of the dates of public meetings

EBRD website

- In order to fulfil the requirements of the EBRD Policy requirements the ESIA-package is required to be published for 120 days. The ESIA Package will include:
 - NTS
 - ESIA
 - ESAP
 - SEP
 - LRF

1.9 Public consultation and disclosure

1.9.1 First Meeting

The first meeting was held on the 28th of October 2014 at the Yerevan Municipality. The intention of this meeting is to inform selected stakeholders (e.g. authorized bodies, NGOs, head of districts) about the project. On top of that, the methodology will be introduced and discussed with the stakeholder.

The stakeholder were be invited directly by the initiator after the receipt of the permission of the Minister of Nature Protection to do so.

The presentation was held in English and Armenian. Further, the presentation distributed among the participants was made available in English and Armenian.

1.9.2 Second Meeting

A second meeting is foreseen after the approval of the ESDD by the client and the EBRD in 2015.

This meeting will be opened to a larger group of potentially interested people. Therefore, this meeting will be published on the Yerevan Municipalities website and will be announced in local newspapers.

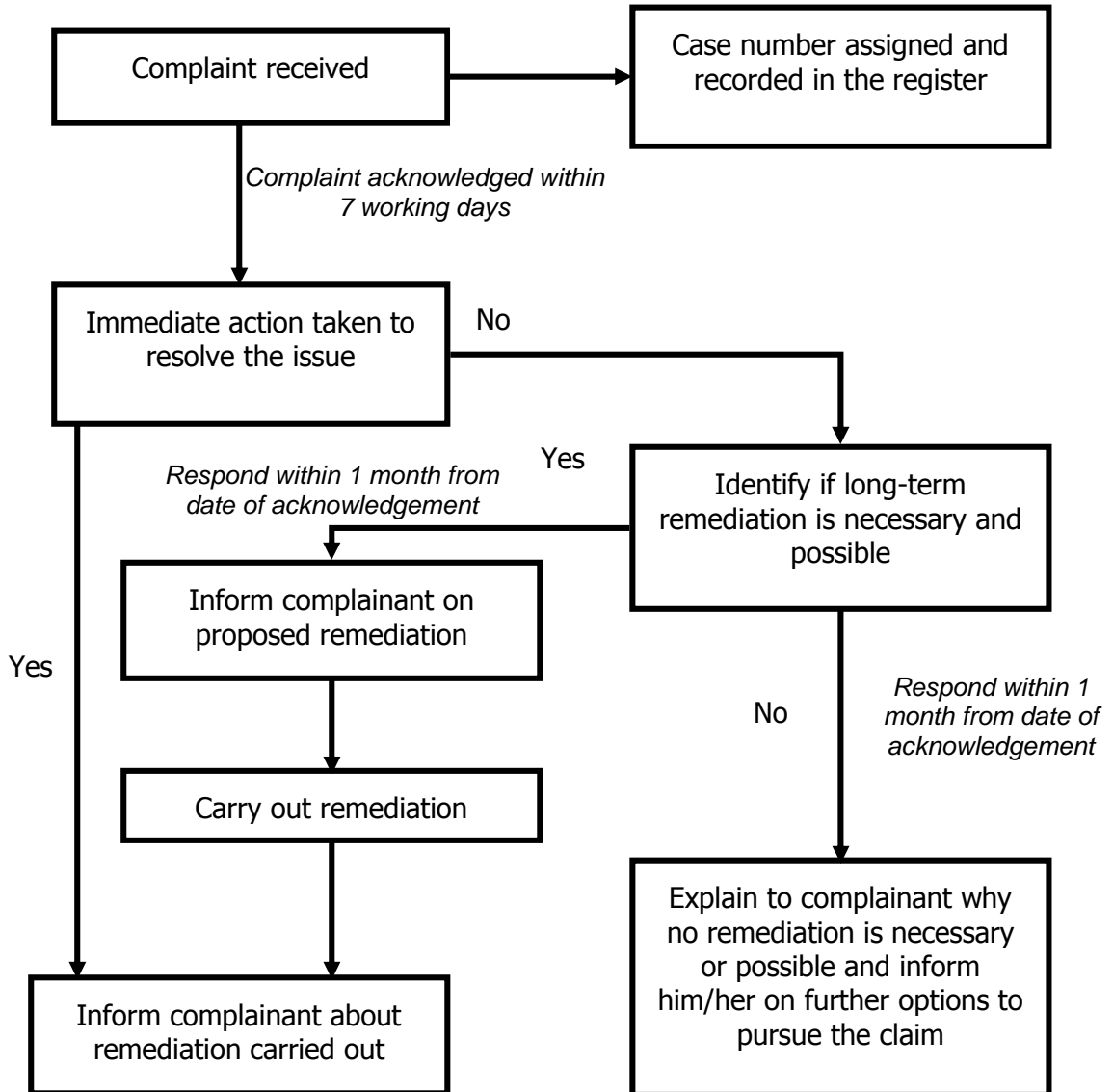
The announcements will be published. This meeting will also be held in English and Armenian. The presentation will be distributed among the participants in English and Armenia

1.10 Public Grievance Mechanism

Any comments or concerns can be brought to the attention of the company verbally or in writing (by post or e-mail) or by filling out a grievance form.

All grievances will be put in a register and assigned a number, and acknowledged within 7 days. A response will be provided within 30 days. A separate grievance mechanism will be available for workers.

Flowchart for Processing Grievances



Address for Grievances:

Yerevan Municipality – Asian Development Bank

Mrs. Nora Martirosyan

"Investing Projects Implementation Unit

Building up of Yerevan" CNCO

Sustainable Urban Development Investment Program

Address: Byuzand 1/3, 5th floor, Yerevan

Tel.-number: + 374 10 52 09 73

E-mail address: nora.martirosyan@yerevan.am

The Head of the Procurement Unit is in charge of responding and acting in the grievance process. During the operation phase of the new landfill, the general management is in charge of responding and acting handling complaints (Grievance mechanism).