

Environmental Monitoring Report

Annual Report

January-December 2018

October 2019

L3284-ARM: Seismic Safety Improvement Program

Prepared by the Armenian Territorial Development Fund for the Government of the Republic of Armenia and for the Asian Development Bank.

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Annual Environmental Monitoring Report

Project Number: 49078

Jan-Dec, 2018

Republic of Armenia: Seismic Safety Improvement Program (Financed by ADB)

Prepared by L. Gevorgyan

Armenian Territorial Development Fund
Yerevan, Armenia

For ADB

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	arpi.gabrielyan@gmail.com.....	7
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Abbreviations

AEMR	Annual Environmental Monitoring Review
ADB	Asian Development Bank
ARRM	Armenian Regional Resident Mission
ATDF	Armenian Territorial Development Fund
MTAD	Ministry of Territorial Administration and Development
RA	Republic of Armenia
SSIP	Seismic Safety improvement Program
AEMR	Annual Environmental Monitoring Review
EMP	Environmental Management Plan
MNP	Ministry of Nature Protection

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1 INTRODUCTION

1.1 Preamble

1. This report represents the Annual Environmental Monitoring Review (AEMR) for SEISMIC SAFETY IMPROVEMENT PROGRAM (SSIP).
2. The report was prepared by ATDF's environmental safeguard specialist in the frame of annual monitoring reporting to ADB and represents the 1st AEMR for the Program.

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2 PROJECT DESCRIPTION AND CURRENT ACTIVITIES

2.1 Program Description

3. The SSIP will support the implementation of National Strategy for Disaster Risk Reduction by (i) improving school seismic safety to reduce casualties and damages in schools during earthquakes, and (ii) enabling better use of school buildings as shelters for the general public and as focal points for emergency response after earthquakes.
4. The program supports the objective of equitable and sustainable urban development under the results framework of ADB's country partnership strategy for Armenia, 2014–2018.¹
5. The Loan 3284-ARM for the Seismic Safety Improvement Program (the Project) was approved on 22 September 2015 and became effective on 22 December 2015. The physical closing date is November 2023.
6. The Ministry of Territorial Administration and Emergency Situations (MOTAES) later restructured and renamed to Ministry of Territorial Administration and Development (MTAD) is the executing agency and the Armenian Territorial Development Fund (ATDF) under the MOTAD, is the program implementing agency. The ATDF Board will serve as the program steering committee to oversee the program implementation. It will set the policy guidelines and strategic direction for the program. A focal unit for the program is established in ATDF to monitor and report on progress in attaining DLIs.
7. The program has been classified as ADB's category B for environment. Every project to be included in the SSI Program is screened to confirm its environment category based on School selection screening checklist to ensure that any activities, which could fall under ADB's A-category, are excluded from the Program.

¹ ADB. 2015. *Country Partnership Strategy: Armenia, 2014–2018*. Manila.

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2.2 Program Contracts and Management

8. The main organizations involved in the program, as well as significant contractors and related contact details, are presented in Table 1.
9. *At the design phase of schools buildings*, ATDF's environmental safeguard specialist worked with the designers' environmental specialists (see names in Table 1.) on preparation of preliminary environmental assessment review (PAR) document for each school design and monitored documents preparation procedures according to the set-up time frame of the program.
10. PAR documents were prepared for the schools with construction area more than 1500m² as this type of activities require environmental state expertise and positive environmental conclusion from the Ministry of Nature Protection (MNP). All the six schools under the construction were received positive environmental conclusion from the MNP.
11. The environmental management plans (EMP) for each school were prepared by the ATDF's environmental safeguard specialist and were enclosed in tender bid package documents of a construction contractor, as well as EMPs were attached to PAR documents undergone national environmental state expertise.
12. *At the construction phase of schools*, ATDF's environmental and social specialists have conducted visits to construction sites according to monitoring plan. On-sites non-compliances with EMPs were communicated with the construction personal and technical supervision consultant present in the camps.
13. Corrective action request through an official letter was sent to construction constructor and technical supervision consultant, the latter was responsible for following correction action plans and reporting to ATDF about the status of corrective measures applied on-site.

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Table 1. Main organizations and their contact details involved in the program during the reporting year.

Contractor	Representative	Phone number	E-mail	Program activity
ATDF	A. Kirakosyan <i>Executive director</i>	+374 10 247 123	a.kirakosyan@atdf.am	Program implementation
ATDF	H. Galstyan <i>Program Coordinator</i>	+374 10 247 123	h.galstyan@atdf.am	Program implementation
ATDF	L. Gevorgyan <i>Environmental Safeguard Specialist</i>	+374 10 247 123	l.gevorgyan@atdf.am	Program implementation
ATDF	S. Msryan <i>Social Safeguard Specialist</i>	+374 10 247 123	s.msryan@atdf.am	Program implementation
“Mara ev Dustrer” LLC & “Engineering Evros” LLC JV	V. Movsesyan <i>Architect-designer</i>	+374 93 434 858	maraevdustrer@gmail.com	Design
“Mara ev Dustrer” LLC & “Engineering Evros” LLC JV	A.Grigoryan <i>Environmental Specialist</i>	+374 55 997 041	maraevdustrer@gmail.com	Design
“Movartstudio “LLC & “Glomma” PC JV	R. Manasyan <i>Architect-designer</i>	+374 473 294	vamovart@mail.ru	Design

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“Movartstudio” LLC & “Glomma” PC JV	Q. Sahakyan <i>Environmental Specialist</i>	+37491 529 327	eco-peace@rambler.ru	Design
“Shinindustia” STC LLC	K. Shvarshyan <i>Technical supervision consultant</i>	+374 93 377 746	shinindustria-gtk@yandex.ru	Technical Supervision
“Shinindustia” STC LLC	A. Gabrielyan B. <i>Environmental Specialist</i>	+374 93 189 977	arpi.gabrielyan@gmail.com	Technical Supervision
“Durgabshin” LLC	Y. Aghabalyan <i>Technical supervision consultant</i>	+374 94 220 946	gasparann@yahoo.com	Technical supervision
“Husali Kamar” LLC	V. Araqelyan <i>Technical supervision consultant</i>	+374 41 777 777	husali-kamar@mail.ru	Technical supervision
“Husali Kamar” LLC	G. Veranyan <i>Environmental Specialist</i>	+374 229 690	g.v.91@bk.ru	Technical supervision supervision
"Arpa-Sevan" OJSC	P. Hakobyan <i>Construction contractor</i>	+374 10 260 862	info@arpa-sevan.am	Construction
“Vararakn” CJSC	A. Budaghyan <i>Construction contractor</i>	+374 93 094-444	vararakn@mail.ru	Construction

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“Gharabaghtsyan-Shin” LLC	G. Karabaghtsyan <i>Construction contractor</i>	+374 94 204 701	ghnew@mail.ru	Construction
“Bagramyanshin” OJSC	Gagik Vardanyan <i>Construction contractor</i>	+374 93 40 20 85	bshin@mail.ru	Construction
“Agat 777” LLC	David Esayan <i>Construction contractor</i>	+374 99 209 505 +374 10 424-575	agat-777llc@mail.ru	Construction
“Akhuryani Coopshin” LLC	H. Tonoyan <i>Construction contractor</i>	+374 91 408 350	info@akhurani-coopshin.am	Construction

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2.3 Project Activities during Current Reporting Period

14. The construction activities of buildings of six schools were commenced in 2017. During the reporting year, five out of six schools construction were under implementation. The name of schools, statues of ongoing works and locations of subprojects (SP), as well as the date when the construction activities were launched are presented in Table 2. below.
15. Due to the archaeological finds during Yeghegnadzor N2 school construction works, the construction activities were temporarily stopped in 2018.

Table 2. Name of the schools and statues of construction works.

School Name	Site Location	Statues of construction activities	Date of construction commencement
Vanadzor N7 school	Vanadzor Municipality, Lori Marz	Ongoing	10.04.2017
Yerevan N153 school	Yerevan Municipality	Ongoing	21.07.2017
Nor Kharberd N2 school	Nor-Kharberd community, Ararat Marz	Ongoing	11.08.2017
Kapan N7 school	Kapan municipality, Syuniq Marz	Ongoing	14.08.2017
Yerevan N135 school	Yerevan Municipality	Ongoing	21.08.2017
Eghegnadzor N2 school	Eghegnadzor Municipality, Vayots Dzor Marz	Stopped	01.10.2017
Gavar N2 school	Gavar Municipality, Gegharquniq Marz,	Ongoing	01.11.2017

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16. In Annex 1. Photos taken from the construction sites are presented, site visits were conducted in the scope of the safeguards monitoring plan twice on a monthly basis.

2.4 Description of Any Changes to Project Design

17. No changes in the designs of five schools under the construction were made during the reporting year.
18. In accordance with national and ADB requirements, archaeological investigations were conducted at Yeghghnadzor N1 school site; afterward the decision was made to change the school design in order to preserve archaeological values which were found within the school construction site.
19. In the redesigning phase of Yeghegnadzor N1 School, changes in PAR and EMP documents will be made reflecting the impacts of the new design. The redesign of Egheghnadzor N2 school may require initiation of new environmental state expertise which will be officially discussed with the MNP up to the school redesigning is over and the impacts are identified. The case with Egheghnadzor N2 will be introduced in the 2019 reporting year.
20. The contract with Egheghnadzor N2 school constructor-“Bagramyanshin” OJSC, was canceled by the company’s request in 2019. A new tender bid will be announced for the redesigned school construction in 2019.

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3 ENVIRONMENTAL SAFEGUARD ACTIVITIES

3.1 General Description of Environmental Safeguard Activities

21. Environmental and social safeguards implementation was monitored by the ATDF's environmental and social safeguards specialist twice per month basis for each school under the construction. The findings of monitoring visits were recorded in the monitoring checklist, the format of which is set up in the ESRF document prepared for SSIP and the filled example of monitoring checklist is introduced in Annex 7.4.
22. Daily monitoring of the implementation of safeguards was supervised by the technical supervision consultant and reported to ATDF in the form of monthly reports.
23. Non-conformances with the EMPs identified on-sites were communicated with the constructor and technical supervision consultant's personal. Minor issues were corrected by the constructor personal on-sites.
24. For major non-conformances with EMPs and the issues having repeatable character corrective action request through official letter by ATDF was sent to construction constructors and technical supervision consultants. The official letter for corrective action request described both non-conformances identified on-sites during monitoring visits and the plan of corrective measures to be implemented by constructor within the set-up time frame by ATDF. Written Non-conformances notices and the status of implementation are summarised in Annex 7.7.

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4 RESULTS OF ENVIRONMENTAL MONITORING

4.1 Overview of Monitoring Measurements Conducted during Current Period

25. In the scope of the program, monitoring measurements of environmental parameters on dust, water, noise, and vibration will be implemented depending on subproject specific characteristics: proximity to water bodies and other sensitive receptors, as well as depending on complaints raised by APs from the cost-effectiveness perspective.
26. No complaints were raised by the APs during the entire reporting period, as well as no violations of dust, noise and vibration levels by the constructors were observed during sites monitoring visits, besides sensitive receptors to subprojects proximity are not anticipated, as the projects are implemented in the developed urban environment and are classified as the ADB “B” category.

4.2 Overview of Monitoring Non-conformances during Current Period

27. The findings of monitoring visits for each school under the construction were recorded in the monitoring checklists introduced in Annex 7.4. According to ADB’s format of summarising mitigation measures, the compliances with the EMPs on-sites were estimated above 80 percent during the current reporting period.
28. The main non-conformances with the EMPs detected at construction sites of schools are summarised as follows:
 - inadequate measures of keeping oil and liquid fuel containers
 - issues related to site cleanness and construction-related waste removal
 - improper management of household waste

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- measures to prevent mud spreading outside of the school site
 - insufficient safety measures during the school building construction activities, such as safety measures around the staircases, elevator hole and open temporary pits
 - concrete washouts within the school footprint
 - missing protective equipment during civil works on heights and scaffoldings
29. The main issues detected during site monitoring visits were recorded in ADB's environmental issues tracking system. The statues of issues to be addressed by the constructor were checked on-sites by ATDF's safeguard specialists according to the corrective action plan described in the official letter.
30. In total, 27 issues were detected on-sites and all non-conformances recorded were corrected during the reporting year. The summary table of issues tacking statues in 2018 is presented in Table 3-1 below.

Table 3-1 Summary of Issues Tracking Activity for Current Period

Summary Table	
Total Number of Issues for Program	27
Number of Open Issues	0
Number of Closed Issues	27
Percentage Closed	100
Issues Opened This Reporting Period	0
Issues Closed This Reporting Period	0

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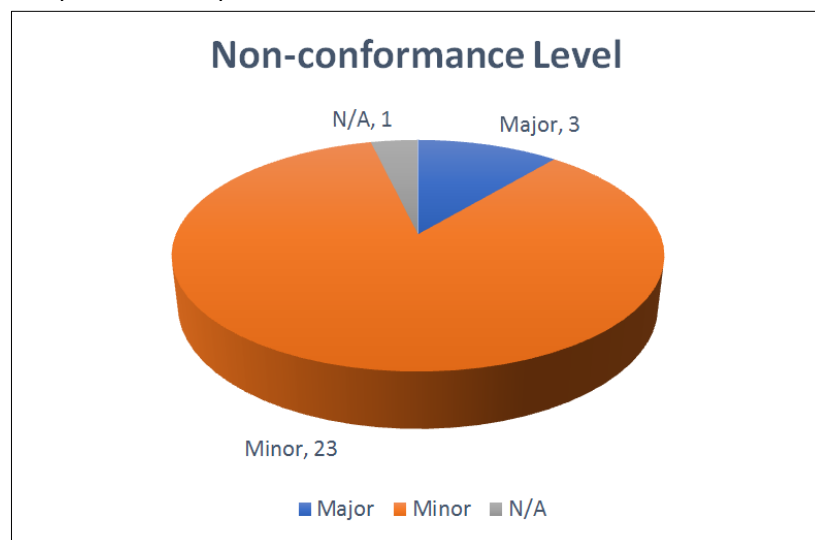
31. According to the category of detected issues on-site, the majority of issues were related to the environment followed by safety non-conformances during civil works. The summary of issues per category during the reporting period is introduced in Table 3-2 below.

Table 2-2 Issues by Category

Environment	15
Social	0
Health	0
Safety	9
Other	3

32. Figure 3-1 below summarizes the level (major, minor and N/A) of non-conformances issues according to ADB's environmental issues tracking register. During the current reporting period, the issues detected at school construction sites mainly carry minor character (23 issues) followed by 3 major issues.

33. **Figure 3-1 Summary of Issues by Non-Conformance**



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34. Major non-conformances detected on-sites are presented in Table 3-3 below:

Table 3-3 Issues Classified as Major

Name of the school	Non-conformance detected
Gavar N2 school	Incomplete fencing of the construction camp
Gavar N2 school	No work and safety instruction conducted
Yerevan N 135 school	Uniform and protective equipment were not provided to workers

35. The summary of Non-conformances notice request through ATDF's official letter is presented in Annex 7.7.

4.3 Unanticipated Environmental Impacts or Risks

The archaeological finds at Egheghnador N1 school during the earth-works on-site were not anticipated at the school's design impact assessment stage. The changes in the design will be made to address the archaeological site preservation both with the new school design and construction works on-site.

4.4 Waste Management

36. Dismantling works of the old buildings of schools were implemented according to the government *N 826-A decree* (25.08.2016). The Department of State Property Management by the Government of the RA was in charge of dismantling activities. The ATDF initiated construction works in cleaned construction sites after dismantling activities of the buildings of schools were finished and waste generated during the dismantling works was totally removed from the sites.

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4.4.1 Current Period

37. During the current reporting year, non-hazardous construction waste was generated at the schools construct sites. Construction waste generated on Yerevan N 135 school and Yerevan N 153 school was removed to the construction waste disposal site according to Yerevan's mayor N 2391-A decision (30.06.2019). The aforementioned construction waste dumpsite is located in "Spandaryan industrial hub" area.
38. Construction waste generated from the construction activities of other schools was removed to the main dump sites of municipalities in accordance with municipalities' administrative office permission, see Annex 7.7.
39. During the reporting period, metal scrap generated from the welding activates was decided to separate from construction-related waste. The metal scrap will be utilized by constructor companies for other activities.

4.5 Health and Safety

4.5.1 Community Health and Safety

40. No incidents have occurred during the reporting period which raised Community Health and Safety issues.

4.5.2 Worker Safety and Health

41. During the reporting period, no accidents were recorded and introduced to ATDF by the constructors. The accident reporting form approved by the program was provided to persons responsible for health and safety issues on-sites.

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4.6 Training

42. Environmental and social safeguards training were conducted at the ADB office on January 30th, 2018. 17 safeguard specialists from the design and technical supervision companies, including ATDF's environmental and social safeguard specialists involved in the implementation of the SSIP were trained on Environmental and Social Safeguards by ADB consultants.
43. Personnel involved in each school's construction activities were trained on safeguards implementation as required by EMPs by ATDF's environmental and social specialists at the construction works initiation phase in 2017.
44. The ATDF's environmental safeguards specialist participated in the "Training Workshop and Regional Exchange on Monitoring of Environmental Safeguards Implementation" event organized in Batumi, Georgia, on April 19-21, 2018.
45. Considering health and safety provisions importance during schools building construction activities, as well as non-conformances related to safety issues observed during sites monitoring visits additional training on HSE is necessary for ATDF's safeguard specialists and engineering staff involved in the program.

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5 GOOD PRACTICE AND OPPORTUNITY FOR IMPROVEMENT

5.1 Good Practice

- 46. During the reporting year, as a good practice for the program the following environmental, health and safety mitigations on-sites were noticeably addressed.
- 47. Installation of safety protective measures around the staircases to avoid falling risks on-sites.



- 48. Implementing sand-gravel mixture to prevent mud spreading from the site.



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49. Metal scrap separation from construction waste and reusing practice further to be applied.



50. According to the design of Yerevan N 135 school, the common wall of hairdresser salon with the old school building was preserved and is envisaged to strengthen in the frame of ongoing construction activities.

5.2 Opportunities for Improvement

51. The ATDF's obtained practice on issues observed on schools' construction sites will be applied to improve safeguards performance of upcoming projects.

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6 SUMMARY AND RECOMMENDATIONS

6.1 Summary

- 52. In the frame of SSIP, construction activities of five schools were continued during the reporting year. Due to the archaeological finds, the works at Egheghnadzor N1 school site have been stopped. The new environmental assessment review will be conducted according to changes made in the school design in 2019 reporting year.
- 53. According to ADB's format of summarising mitigation measures compliances with the EMPs were estimated above 80 percent.
- 54. Overall 27 non-conformances notices with EMP's were recorded during the reporting period from which environmental and safety issues were accounted to be 15 and 9, respectively. All issues detected on-sites were addressed by the constructors within the current reporting year.

6.2 Recommendations

- 55. Additional training on health and safety risks and required mitigations actions according to SSI program peculiarities would be an advantage for the persons involved in the program to enhance H&S performance during construction activities.
- 56. The action plan for the reporting Jan-Dec, 2019 period is presented in Table 4 below.

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Table 4 Action plan for 2019

No	Action	Time frame	Responsible entity
1	Monitoring visits to ongoing construction sites and reporting, including new construction activities launched in 2019	twice in a month	ATDF
2	Initiating environmental state expertise procedure for Stepanavan N2 school	Jan-Mar	ATDF “Camp Ventures” LLC
3	Training & workshops on safeguards implementation and monitoring with the environmental, designers, constructors and technical supervising consultants personal	March	ATDF ADB ARRM
4	Training & workshop with tendered constructor and technical supervising consultant contractors for Stepanavan N2 school, as well as with other contractors of upcoming projects at the construction initiation stage	April-Dec	ATDF
5	Sites Screening and projects categorization of schools approved for 3 rd batch	April-May	ATDF
6	Consultancy to the designers on environmental state expertise on new schools designs, review of prepared documents	March-Dec	ATDF Designing contractors
7	Developing EMPs in parallel with the preparation of schools' designs	March-Dec	ATDF
8	Public consultations on pre-design and design stages with APs and stakeholders involved in upcoming projects	Jan-Dec	ATDF Designing contractors
9	PAR and EMP preparation for redesigned Egheghnador N2 school, consultancy to the designer on state expertise, reviewing prepared documents	Mar-June	ATDF Designing contractor

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10	Other routine activates, such as following NCN and corrective actions, tree planting for finishing projects	May-July	ATDF Constructing contractors
11	Annual monitoring reporting to ADB on safeguards implementation	Jan-Feb, 2020	ATDF

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Prepared by L. Gevorgyan

Armenian Territorial Development Fund
{Yerevan, country}

For Asian Development Bank

Endorsed by: (staff name of IA/PIU) and signature, submission date

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7 ANNEX

7.1 Photos from the construction sites



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7.2 Summary of NCNs official request

No	Site Name	Date Recorded in 2018	Description of Issue	Corrective Action/s	Statuses
1	Gavar N2 school	January 15	Fencing in some sections of the of the construction site was missing.	Fencing needs to be implemented in the sections where it was not installed providing entire fencing all around the site within the school site boundaries.	Closed
2	Gavar N2 school	January 15	Lighting system installed is not enough to illuminate the whole construction site.	Installing more lightings (not less than two) that would provide complete illumination of the construction site.	Closed
3	Gavar N2 school	January 15	Waste bins were missing on the site	Waste bins should be provided and used on-site.	Closed
4	Gavar N2 school	January 15	Work and safety instruction were not recoded in the instruction book.	The safety instructions should be properly conducted and recorded in the instruction book, as well as the book should always be present onsite.	
5	Nor Kharberd N2 school	January 17	The trunks of the trees were overloaded by earth	The trunks of trees covered by earth material	Closed

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			material.	should be cleaned.	
6	Nor Kharberd N2 school	January 17	Solid waste generated around the site.	Ensuring solid waste bins with the caps on-site which will prevent waste spreading around the site by different factors, such as wind guard dogs, etc.	Closed
7	Nor Kharberd N2 school	January 17	Absence of measures preventing mud spreading from the construction site	Implementing sand-macadam mixture to prevent from mud spreading	Closed
8	Kapan N7 school	June 18	Concrete washout at the construction site	A container should be provided to use for concrete washout removal from concrete mixer trucks, after evaporation the cement sediments can be reused or disposed to the dumpsite, as well as contaminated soil layer should be removed and transferred to the dumpsite.	Closed
9	Kapan N7 school	June 18	Oil and liquid fuel containers are kept on soil layer without any	Measures such as impermeable surfaces (concrete or metal) should	Closed

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			impermeable surface preventing soil contamination.	be used for keeping oil and fuel containers.	
10	Kapan N7 school	June 18	Solid waste bins were missing on-site	Waste bins with closing caps should be placed at the site.	Closed
11	Kapan N7 school	June 18	Risks of mud washout from the site to the public roads during or after rainfall	Implementation of the sand-gravel mixture at the entrance.	Closed
13	Yerevan N 153 school	December 17	Insufficient safety measures were applied inside the building and around the temporary open pit.	Implementing safety measures around the staircases inside the school building and open temporary pit at the site.	Closed
14	Yerevan N 153 school	December 17	Waste generated on the site.	Sorting generated waste from the materials (wood, metals scrap) that can be reused and transporting to the dumpsite.	Closed
15	Yerevan N 153 school	December 17	Lighting inside the building was not sufficient as daylight duration was short in winter season.	Installation of lights inside the school building under the construction.	Closed
16	Yerevan N 135 school	December 24	Work safety measures	Implementing safety	Closed

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			were not completely implemented.	measures around the staircases, elevator hole in the newly constructing school building.	
17	Yerevan N 135 school	December 24	Construction related waste was generated in the inner yard of the school building under the construction.	The area should be cleaned from construction- related waste	Closed

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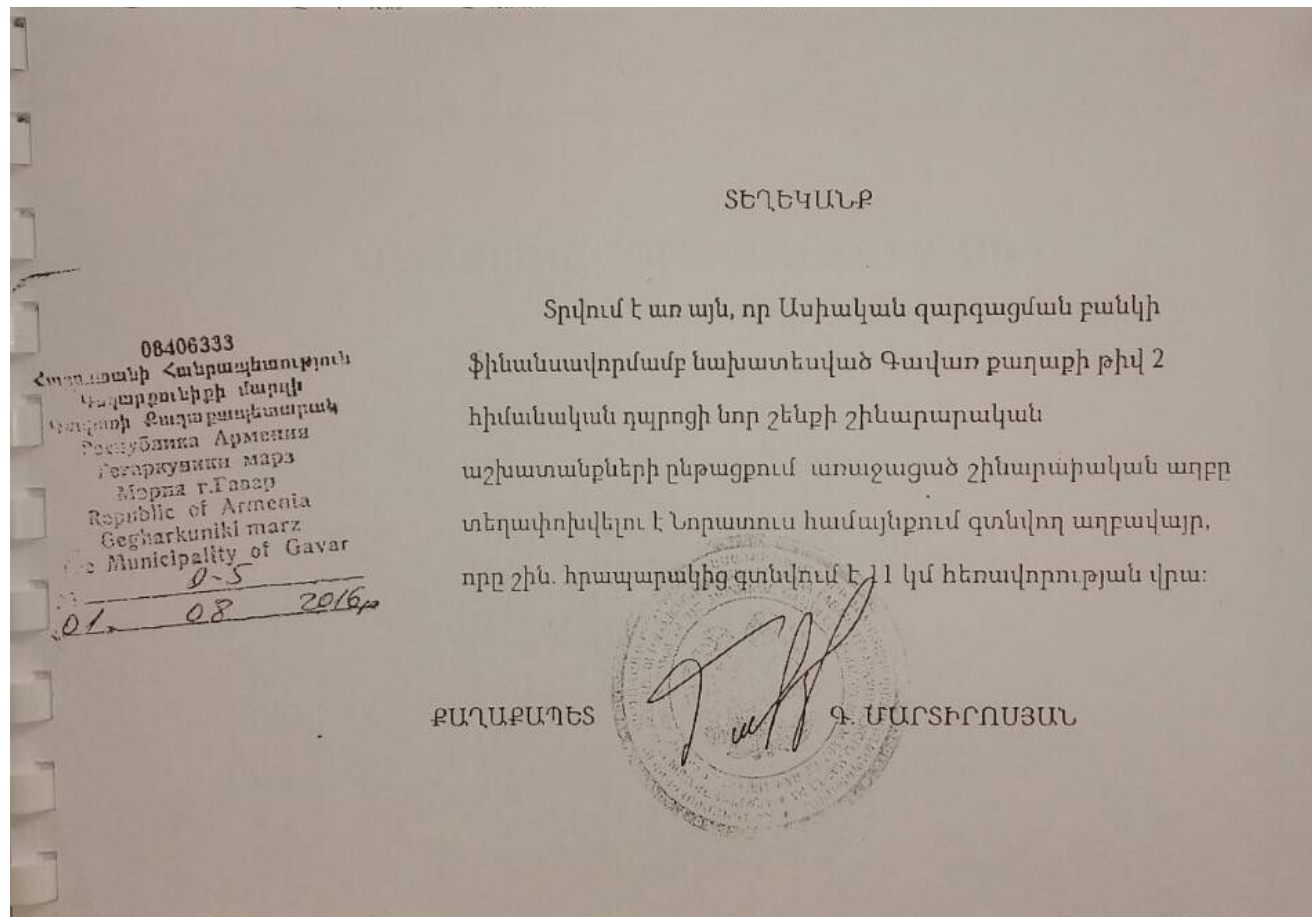
7.1 Waste disposal permissions/agreements

7.1.1. Gavar N2 school

Unofficial translation: Waste generated from the construction activities of Gavar N2 school will be transported and disposed in Noratus's community dumpsite located in 11 km distance from the construction site.

Head of Gavar municipal community

G. Martirosyan



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7.1.2. Kapan N7 school

Unofficial translation:

To: Mr. A. Budaghyan

Director of “Vararakn” LLC

In response to your letter dated 15.02.2018, the earth material about 10 000 m³ generated from the construction activities of Kapan N2 school is permitted to dispose in 10 km distance from Kapan’s community administrative division.

Head of Spitakashen community

V. Harutunyan



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7.1.3. Nor Kharberd N2 school

Unofficial translation: The reference is given about the construction waste dumpsite which is located in “Nubarashen” dumpsite in 8 km distance from the construction camp of Nor Kharberd N2 school.

Head of Nor Kharberd community

K. Kakoyan

Secretary of staff

G. Abrahamyan

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Կ. Կակոյան
Գ. Աբրահամյան

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7.1.4. Vanadzor N7 school

The copy of contract document between “Arpa-Sevan” LLC and Darpas community-Lori marz, on construction waste removal dumpsite which is located in Darpas community in 7km distance from Vanadzor N7 school construction camp.

**Ծառայությունների մատուցման
ՊԱՅՄԱՆԱԳԻՐ**

17 ապրիլի 2017թ

22 Լոռու մարզի Դարպասի համայնքապետարանը, ի դեմս համայնքի ղեկավար Արմեն Այդյանի, մի կողմից, որը տեքստում պատկերտ կանվանվի Համայնք, և «Արփա-Սևան» բաց բաժնետիրական ընկերությունը, ի դեմս գլխավոր տնօրեն Պարույր Հակոբյանի մյուս կողմից, ով պատկերտ կանվանվի Ընկերություն, իսկ Համայնքը և Ընկերությունը միասին տեքստում կանվանվեն Կողմեր, կնքեցին սույն պայմանագիրը հետևյալի մասին.

1. Պայմանագրի առարկան

1.1. Համայնքը պարտավորվում է տրամադրել տարածք Լոռու մարզի Վանաձոր քաղաքի թիվ 7 հիմնական դպրոցի կառուցման շինարարական աշխատանքների իրականացման ընթացքում առաջացած շինարարական աղբի տեղակայման համար:

Ընկերությունը պարտավորվում է վճարել սույն պայմանագրով որոշված չափով կարգով և ժամկետներում:

1.2. Համայնքի հետ համաձայնեցված վայրն է համարվում Լոռու մարզի Դարպաս համայնքի Հին Դարպաս կոչվող հանդամասի ձորակը, որը գտնվում է շին հրապարակից, այն է՝ Ք. Վանաձոր Լարենցի 13 հասցեից, շուրջ 7 կմ հեռավորության վրա:

1.3. Կողմերը սույն պայմանագրի շրջանակներում ղեկավարվում են 22 օրենքներով, 22 կառավարության որոշումներով և այլ իրավական ակտերով:

1.4. Լոռու մարզի Վանաձոր քաղաքի թիվ 7 հիմնական դպրոցի տարածքում տեղակայված մեծածավալ (մեծամշտաթ) շին. աղբի տեղափոխումը Համայնքի հետ համաձայնեցված վայր իրականացվում է Ընկերության տեխնիկաներով և միջոցներով:

1.5. Շին. աղբի նախնական ընդհանուր ծավալը կազմում է շուրջ 40,000 տոննա:

2. Կատարողի իրավունքներն ու պարտականությունները

2.1. Համայնքը պարտավորվում է.

2.1.1. Իր մասով և իր հերթին ապահովել պայմանագրի 1-ին կետով սահմանված պահանջները:

2.2. Ընկերությունը պարտավորվում է.

2.2.1 Կատարել սույն պայմանագրի 3-րդ կետով սահմանված վճարումները պայմանագրով սահմանված ծառայության դիմաց:

3. Պայմանագրի գինը և վճարումները

3.1. Սույն պայմանագրով նախատեսված ծառայությունների արժեքը 1տ համար կազմում է 8 (ութ) 22 Դրամ: Գումարը վճարվում է Համայնքի բանկային հաշվին՝ փոխանցմամբ:

3.2. Ընկերությունը վճարումն իրականացնում է Կատարողի և Պատվիրատուի միջև հաշիվ ապրանքագրերի կամ հաշվարկային այլ փաստաթղթի (ակտ և այլն) ստորագրումից հետո մեկամսյա ժամկետում: Հաշիվ ապրանքագիրը հանդիսանում է նաև Կողմերի միջև աշխատանքների կատարման-ընդունման փաստաթուղթ:

4. Պայմանագիրը ուժի մեջ մտնելը և դադարումը

4.1. Սույն պայմանագիրը ուժի մեջ է մտնում Կողմերի ստորագրման պահից և գործում է մինչև 17.04.2019թ.:

5. Այլ դրույթներ

5.1. Սույն պայմանագիրը պարունակում է Կողմերի միջև կայացած ամբողջ համաձայնությունը և նախկինում բանակցված որևէ այլ համաձայնություն, հայտարարություն կամ խոստում, որը արվել է սույն պայմանագրի ուժի մեջ մտնելու օրը կամ մինչ այդ, չի պարտավորեցնում Կողմերին:

5.2. Կողմերը խոստանում են գործել բարեխղճորեն՝ պայմանագրով սահմանված իրավունքներն իրականացնելիս, ձեռնարկել բոլոր ողջամիտ միջոցները՝ սույն պայմանագրի նպատակները իրականացնելու համար:

5.3. Կողմերն ընդունում են, որ անհնար է սույն պայմանագրով ներառել բոլոր չնախատեսված հանգամանքները, որոնք կարող են առաջանալ պայմանագրի գործողության ժամանակ և սույնով համաձայնում են, որ իրենց մտադրությունն է կատարել սույն պայմանագիրը արդարացի, առանց որևէ կողմի շահին վնաս հասցնելու:

5.4. Պայմանագիրը կազմված է հայերեն և լեզվով երկու օրինակից, յուրաքանչյուր կողմին մեկական օրինակ:

5.5. Կողմերը կցանակ քաղի կամքով բանակցությունների միջոցով լուծել բոլոր վեճերը, որոնք կծագեն սույն պայմանագրից: Վեճը բանակցությունների միջոցով չլուծվելու դեպքում՝ այն կլուծվի դատական կարգով:

6. Կողմերի վավերապայմանները

Պատվիրատու	Կատարող
22 Լոռու մարզի Դարպասի համայնքապետարան	ՊՈՏՈՒՆՈՒՄ՝ Միգրո-ԲԲԸ
Համայնքի ղեկավար՝ Արմեն Այդյան	Գլխավոր տնօրեն՝ Պարույր Հակոբյան
Վ.Տ. (ստորագրություն)	(ստորագրություն)
Գտնվելու վայր-22, Լոռու մարզ գ. Դարպաս, 30թ. 5ք.	Գտնվելու վայր: 22, ք. Երևան, 0012, Վ.Վաղարշյան 20
Հաշվարկային հաշիվ 900235407062 Թիվ 1 ՏԳԲ	Հաշվարկային հաշիվ 193004671700 «Գոնկերո Բանկ» ՓԲԸ
ՀՎՀՀ - 07300634	ՀՎՀՀ - 00003206

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7.1.5. Yerevan N153 school

Waste disposal agreement with “Davars” LLC.

Հանձնման փոխանցման ակտ
Հանձնման և փոխանցման օրը: 2017թ. հոկտեմբերի 18-ին ենթակա ՀՀ ԿԱՌԱՐԱՐՈՒՄԻ ԱՊՐԱՆՔԻ ՏԵՐԱԴՐՈՒՄԸ ՊԵՐԱՆՍՊՈՐՏԻ

Hand-over act
on CONTRACT ON DISPOSAL OF
CONSTRUCTION WASTE signed
between the Parties on 18 of 2017

Թիվ Number		Ամսաթիվ Date	01-12-17թ
Քեռնատարի մակնիշը Truck Model	Զախա	Պետ. Համարանիշ Plate Number	65 00 795
Օավալ, մ³ Volume, m³	85³	Ռեյս թիվ Truck ride number	4
Պատվիրատու Customer	«ԵՐԵՎԱՆԻ ՅՋԲԸ» ԱԿԸ		
Լիազորված անձ/ Կարող Representative/Driver	Սիմոնյան Հարություն	Ստորագրություն և կնիք Signature and seal	
Կատարող Provider	«ԴԱՎԱՐ» ՍՊԸ Davars LLC		
Լիազորված անձ Representative	Դավար	Ստորագրություն և կնիք Signature and seal	

18 October 2019

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7.2 Monitoring compliance and inspection report checklist

Project: Construction of Yerevan N 135 school

Implementing Agency: Armenian Territorial Development Fund

Site of Inspection: N. Stepanyan str.2, Nor Norq 2nd district, Yerevan

Scope of Inspection: Mitigation measures compliance

Contractor: “Akhuryan Copshin” LLC

Weather Condition: No precipitation

Attendees : Name & Position: L. Gevorgyan, environmental safeguard specialist

Date: December 17th, 2018

Monitoring visit was carried out with the presence of Contractor's representative: :

G. Manukyan/ construction works manager/ +374 91 046 050





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Design stage						
Construction Activity		Mitigation Measure (as per PAR/EMP)	Mitigation Implemented Yes/PY*/No/NA	Responsible entity	Corrective Action Request (CAR) including deadline for effective CA.	Resolution Status of previous CAR (resolved/outstanding actions required)
Preliminary Assessment Application Report (PAR)		Conclusion on Environmental Expertise available	Yes	“Movartstudio” LLC		
Dump sites		Permission for disposal of waste available	Yes	“Akhuryani Copshin” LLC		
Tree cutting		Permission on tree cutting available	Yes	ATDF Yerevan Municipality permission N17/56290 (13/08/2018)		
CONSTRUCTION STAGE						
WORK SITE: General						
Environmental management: environmental team, health& safety, emergency, trainings, grievance redress mechanism						
Construction Activity		Mitigation Measure (as per PAR/EMP)	Mitigation Implemented Yes/PY/No/NA	Responsible entity	Corrective Action Request (CAR) including deadline for effective CA.	Resolution Status of previous CAR (resolved/outstanding actions required)
<i>Environmental team</i>						
All activities	1.	Person in charge on environmental/ health & safety management is appointed and is present on-site	Yes	“Akhuryani Copshin” LLC		




* Partially Yes

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Management measures						
All activities	2.	Any use of land outside the school footprint including camps and parking sites is excluded	Yes	"Akhuryani Copshin" LLC		
All activities	3.	Tree cutting is implemented in accordance with permission. Other trees and vegetation are properly protected	Yes 	"Akhuryani Copshin" LLC		
Health & safety						
All activities	4.	Warning signs, fencing and exclusion barriers erected around all open pits and work site areas	Yes  	"Akhuryani Copshin" LLC		<p>Safety measures were</p>  <p>required to implement around the staircases were mitigation was absent. The corrective action deadline was set till Dec 15th.</p>


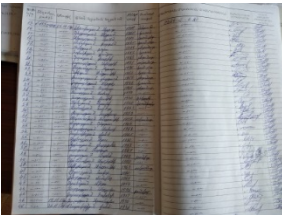


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Excavation works	5.	Open pits are backfilled within reasonable time. Unnecessary open pits are not detected	Yes	"Akhuryani Copshin" LLC		
All activities	6.	Access of strangers and outsiders (especially school children) is excluded	Yes	"Akhuryani Copshin" LLC		.
All activities	7.	Workers are provided with and are using the uniform, applicable safety/protection equipment for site conditions	Yes 	"Akhuryani Copshin" LLC		
Dismantling of asbestos- containing material	8.	Workers dealing with hazardous including asbestos materials are using the special protective equipment and follow the Guidelines on ACM	N/A	"Akhuryani Copshin" LLC		
All activities	9.	Board with information on project and implementing agencies is installed	Yes 	"Akhuryani Copshin" LLC ATDF		
All activities	10.	Sanitary-hygienic conditions for workers are provided: drinking and washing water supply, mealtime utilities, toilets, rest time, etc.	Yes 	"Akhuryani Copshin" LLC		

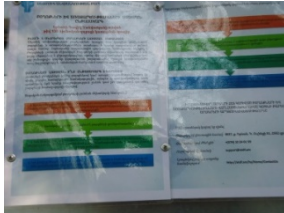
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All activities	11.	First aid kit is available on-site and is accessible to all workers.		"Akhuryani Copshin" LLC		
All activities	12.	Fire extinguisher available	Yes 	"Akhuryani Copshin" LLC		
All activities	13.	Dark time illumination is available	Yes 	"Akhuryani Copshin" LLC		
Emergency Response Plan						
All activities	14.	Person in charge on emergency management is appointed and is present on-site	Yes	"Akhuryani Copshin" LLC		
All activities	15.	Copy of ERP and emergency contact list are available, updated and posted in a visible place at all work sites	Yes	"Akhuryani Copshin" LLC		
All activities	16.	Accident report maintained	PY No accidents have been recorded.	"Akhuryani Copshin" LLC		
Trainings and orientation courses						
All activities	17.	Workers briefed on PAR/ EMP at time of starting employment	Yes	ATDF		

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All activities	18.	Workers briefed on ERP at time of starting employment		"Akhuryani Copshin" LLC ATDF		
All activities	19.	Workers receive introductory job-focused safety trainings before starting work; training event is properly registered in the instructions' book	Yes 	"Akhuryani Copshin" LLC		
Work site cleanliness						
All activities	20.	The work site kept clean from debris, garbage, etc.	Yes 	"Akhuryani Copshin" LLC		
All activities	21.	Bins for garbage collection are installed	Yes 	"Akhuryani Copshin" LLC		

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<i>Public communication and grievance redress mechanism: environmental issues</i>						
All activities	22.	Meeting with APs on construction activities, environmental impacts and mitigation measures held	Yes Two public consultations meeting were conducted in the scope of environmental state expertise; additional meetings were hold with the Aps, particularly with the hair salon owner and people living in the site vicinity.	ATDF “Movartstudio” LLC		
All activities	23.	Register of complaints maintained, Complains observed during the last visit addressed	PY No complain was observed. 	ATDF “Akhuryani Copshin” LLC		
All activities	24.	School management and people are notified on inconveniences: water, electricity breaks, etc.	PY The school personal are located in the other school in the neighbourhood. Incontinences are managed.	ATDF “Akhuryani Copshin” LLC		
<i>Environmental parameters: Dust control</i>						
Earth works, material delivery, removal of	25.	Trucks are operating using covers	Yes	“Akhuryani Copshin” LLC		
	26.	Construction sites watered	PY	“Akhuryani		

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generated waste			Depending on weather conditions and construction activities nature.	Copshin" LLC		
	27.	Equipment and haul vehicles are fitted with effective emission control equipment	Yes	"Akhuryani Copshin" LLC		
<u>Noise control</u>						
Operation of machinery	28.	Construction noise levels are acceptable at closest sensitive receptor	Yes	"Akhuryani Copshin" LLC		
	29.	Equipment fitted with effective silencers	Yes	"Akhuryani Copshin" LLC		
	30.	Activities are managed by restricting operating hours	Yes From 9:00-18:00	"Akhuryani Copshin" LLC		
<u>Vibration control</u>						
Operation of machinery	31.	managed by reducing time exposed to vibration,	Yes	"Akhuryani Copshin" LLC		
<u>Runoff control</u>						
All activities using liquid materials	32.	Spillages are managed properly	PY No spillages were observed.	"Akhuryani Copshin" LLC		
Earth works	33.	Sediment laden runoff is prevented		"Akhuryani Copshin" LLC		
Earth works, material delivery, removal of existing pavement, asphalt pavement	34.	Drains are kept open and water bodies are not blocked by sediment	Yes	"Akhuryani Copshin" LLC		
All activities using machinery	35.	Tires of trucks are cleaned before leaving the school footprint and entering the roads	PY	"Akhuryani Copshin" LLC		
Earth works	36.	Excavated waste is either hauled from work site or is retained temporary on-site in spoil dumps	Yes	"Akhuryani Copshin" LLC		

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Construction waste management						
Removal of construction waste	37.	Construction waste is disposed of in approved sites	Yes	"Akhuryani Copshin" LLC		
Earth works, demolition of structures, dismantling of utilities	38.	Non-hazardous waste (excavation material, rocks, concrete and metallic parts, etc.) is managed in accordance with EMP	Yes	"Akhuryani Copshin" LLC		
Dismantling of structures	39.	Hazardous waste (including asbestos-containing waste) is managed in accordance with WMP	N/A Hazardous waste is not anticipated, dismantling of asbestos containing structures, as well.	"Akhuryani Copshin" LLC		
Use of chemicals, fuel, lubricants, etc. while all activities	40.	Leakages and liquid waste, contaminated soil is managed in accordance with WMP	Yes	"Akhuryani Copshin" LLC		
Dump sites						
Use of territory	41.	All permits and SMP for the use of, dump sites are available	Yes	"Akhuryani Copshin" LLC		
Use of territory	42.	SMP for the site use is available	Yes	"Akhuryani Copshin" LLC		
Use of territory	43.	The use of the site is in accordance with SMP	Yes	"Akhuryani Copshin" LLC		
Site re-instatement and rehabilitation (including dump sites)						
All activities	44.	All the waste and material is removed from the site The site is clean	N/A Ongoing construction	"Akhuryani Copshin" LLC		
All activities	45.	All machinery is removed from the site	N/A Ongoing construction	"Akhuryani Copshin" LLC		
All activities	46.	Trees (shrubs and other vegetation) are planted and maintained	N/A Ongoing construction	"Akhuryani Copshin" LLC School directorate		

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Mitigation effective summary					
Fully compliant		Partly compliant		Non-compliant	
Totally	% to applicable items (41)	Totally	% to applicable items(41)	Totally	% to applicable items(41)
35	85	6	15	0	0