

ARMENIA SOCIAL INVESTMENT AND LOCAL DEVELOPMENT PROJECT

FINAL ENVIRONMENTAL AND SOCIAL REVIEW CHECKLIST

Micro-project title: Construction of a Sewerage System and Bio-treatment Facility in Nor Avan District of Yeghegnadzor City

Micro-project #: AFT-VZ-02

Is the Environmental and Social Management Plan (ESMP) developed?

Yes + No _____

Does ESMP provide a full list of potential impacts and establish adequate measures for their mitigation?

Yes + No _____

Conclusion of the Final Environmental and Social Assessment

Conclusion	
Micro-project rejected	Micro-project approved (environmental assessment completed)
	+

PART A: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE			
Country	Republic of Armenia		
Project title	Social Investment and Local Development Project		
Micro-project number and title	AFT-VZ-02 "Construction of a Sewerage System and Bio-treatment Facility in Nor Avan District of Yeghegnadzor City"		
Municipality, community	Yeghegnadzor Community, Vayots Dzor Marz		
Scope of site-specific activity	<p>The following construction works are planned under the micro-project:</p> <p>Construction of the main sewer collector and sixteen sewer lines connected to it, as well as installation of the bio-treatment plant. The sewer system, the total length of which is 6,245 m, is planned to be made of polyethylene corrugated pipes d=150 mm, d=200 mm and d=250 mm. The length of the main sewer collector is 1,726 m, and the total length of sewer lines/branches connecting to the collector is 3,879 m. It is planned to install 191 manholes in the system. The main collector crosses the Yerevan-Meghri highway, and the sewer lines/branches cross streams and ravines. Metal protective casings and transition bridges are designed for the crossing of these parts.</p> <p>At the end of the main sewer collector, it is planned to build a bio-treatment plant consisting of two modules, the productivity of which is 180 cubic meters/day (90 cubic meters/day x 2 modules). The two-module bio-treatment plant is designed for a district or settlement with a population of up to 1,000 people. The population number in the district is 701. The treated water coming out of the bio-treatment plant will be discharged into the Arpa River through a pipeline with a length of about 640 m. A wastewater discharge permit, allowing the biological treatment plant in Yeghegnadzor to discharge purified water into a natural reservoir, will be issued by the Ministry of Environment based on the application package submitted by Yeghegnadzor community administrative office and will be attached to the ESMP.</p>		
Institutional arrangements (WB)	Task Team Leader: Ivan Drabek		Safeguards Specialist: Environment – Darejan Kapanadze Social – David Jijelava
Implementation arrangements (RoA)	Implementing entity: ATDF Environment - Asya Osipova Social - Knarik Grigoryan	Works Supervisor: IRTIG LLC	Works Contractor: Artezia LLC
SITE DESCRIPTION			
Name of institution whose assets are to be rehabilitated	The sewer system to be constructed will be operated by Veolia Jur CJSC		
Address and site location	Address: Vayots Dzor region, Yeghegnadzor community, Nor Avan district		

Who owns the land?	<p>Land plots proposed to be used under the micro-project are owned by Yeghegnadzor community. The pipelines will be constructed along the existing roads. The land plot (with an area of 864 m²) proposed for the installation of the biological treatment plant is the property of the community.</p> <p>Land plots proposed for the construction under the micro-project are not formally or informally used for private purposes. There are no private buildings or other assets on the lands affected. The pipeline will not pass through private land plots (see Attachment 3).</p>
Description of physical and natural environment around the site	<p>Nor Avan district of the Yeghegnadzor community does not have a centralized sewage system and, at present, residents of the above-mentioned district use household cesspools. The micro-project plans to construct a sewer network and install a bio-treatment facility.</p> <p>The new sewerage network will be constructed along the right bank of the Arpa River, about 120 km southeast of Yerevan.</p> <p>The climate is subtropical, dry. It is dry here in summer and cold in winter. The average air temperature in January is -5-6°C, the minimum is -22°C, in July +35°C. The average annual rainfall is 300-400 mm, and part of the water penetrates through the minerals and soil. From a geological point of view, the study area is characterized by a sandy-gravel composition. The geological conditions for the work are favorable - landslides, mudflows, saline soils are not observed in the area.</p> <p>Tree removal is not expected during construction works. Endemic species and plants do not grow on the site. The animal world is scarce - a wolf, a fox, a squirrel, a rabbit are rarely found. There are areas where construction works will be carried out near the carriageway, disruption to local traffic can be expected. In accordance with national legislation, the Contractor will be required to ensure adequate security of the construction site and control of traffic associated with construction. Signs, warning signs, barriers and detours will be in place and the public will be alerted to all potential hazards.</p> <p>After the construction works, work sites will be reinstated to blend with the natural relief.</p>
LEGISLATION	
National & local legislation & permits that apply to project activity	<p>The following Armenian legislation defines a legal framework applicable to project activities:</p> <ul style="list-style-type: none"> ➤ Law on Atmospheric Air Protection of RoA (1994) <p>The purpose of Law on Atmospheric Air Protection is to define the main principles of the RoA, directed to the provision of purity of atmospheric air and improvement of air quality, prevention, and mitigation of the chemical, physical, biological and other impacts on air quality and regulation of public relation. This Law also regulates the emission licenses and provides maximum allowed loads/concentrations for atmospheric air pollution, etc.</p> <p><i>According to this law, the contractor shall undertake construction activities as well as transportation and temporary storage of waste the way to minimize dust and other emissions.</i></p> ➤ Law on Waste of RoA (2004) <p>The law provides the legal and economic basis for the collection, transportation, disposal, treatment, re-use of wastes as well as prevention of negative impacts of waste on natural resources, human life, and health. The law defines the roles and responsibilities of the state authorized bodies as well as of waste generator organizations in</p>

	<p>waste management operations.</p> <p><i>According to this law, the waste generated from construction activities should be recycled as appropriate or disposed of in designated locations.</i></p> <p><i>Disposal of the construction waste and excess material in selected locations must be approved by the local municipality in writing.</i></p> <p>➤ Water Code of the RoA (2002) <i>The Water Code regulates water relations in the RoA. According to article 97, part 7 of the Code, waste water discharge into a water resource is allowed only in the presence of a discharge permit, based on the review of water quality standards.</i></p> <p>➤ Law on Environmental Impact Assessment and Expertise of RoA (2014) <i>The law defines the type of activities that are subject to environmental impact assessment and environmental expertise. According to this law, the proposed works are not subject to state environmental impact assessment expertise.</i></p> <p>➤ Law on Urban Development of RoA (1998) <i>According to this law, planned works require obtaining a construction permit.</i></p>
PUBLIC CONSULTATION	
When / where the public consultation process will take /took place	Draft ESMP was disclosed on the ATDF website (www.atdf.am) and the beneficiary's website (www.yeghegnadzor.am) on December 14. Brief information on the planned works and contact information for addressing questions and grievances will be placed on the information board of the administrative building of Yeghegnadzor community, at the worksite and/or in its immediate surroundings. Consultation meeting was held on December 22, 2022 with participation of Yeghegnadzor community representatives.
ATTACHMENTS	
<p>Attachment 1: Photos and maps of the construction site</p> <p>Attachment 2: Copy of permit for construction waste disposal</p> <p>Attachment 3: Copy of the reference on ownership of land plots for construction works</p> <p>Attachment 4: Copy of Wastewater Discharge Permit of the Ministry of Environment (to be provided)</p> <p>Attachment 5: Minutes of the public consultation on the draft ESMP</p> <p>Attachment 6: Copy of Construction Permit (to be provided)</p>	

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following?	Activity/Issue	Status	Triggered Actions
	1. Reconstruction/ construction of the sewerage system	[+] Yes [] No	If “Yes”, See Section A below
	2. New construction	[] Yes [+] No	If “Yes”, See Section A below
	3. Individual wastewater treatment system	[+] Yes [] No	If “Yes”, See Section B below
	4. Historic building(s) and districts	[] Yes [+] No	If “Yes”, See Section C below
	5. Acquisition of land ¹	[] Yes [+] No	If “Yes”, See Section D below
	6. Hazardous or toxic materials ²	[] Yes [+] No	If “Yes”, See Section E below If “Yes”, See Section F below
	7. Impacts on forests and/or \protected areas	[] Yes [+] No	
	8. Handling / management of medical waste	[] Yes [+] No	If “Yes”, See Section G below
	9. Traffic and Pedestrian Safety	[+] Yes [] No	If “Yes”, See Section H below
	10. Social risk	[+] Yes [] No	If “Yes”, See Section I below

¹ Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

² Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc.

PART C: MITIGATION MEASURES

ACTIVITY	PARAMETER	MITIGATION MEASURES (provide costs where applicable)
0. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) The local construction and environment inspectorates and communities have been notified of upcoming activities (b) The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works) (c) All legally required permits have been acquired for construction (d) The Contractor formally agrees that all work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment. (e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots) (f) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.
A. General Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) During interior demolition, debris chutes shall be used above the first floor (b) Demolition debris shall be kept in controlled area and sprayed with water mist to reduce debris dust (c) During pneumatic drilling/wall destruction dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site (d) The surrounding environment (sidewalks, roads) shall be kept free of debris to minimize dust (e) There will be no open burning of construction / waste material at the site (f) There will be no excessive idling of construction vehicles at sites
	Noise	<ul style="list-style-type: none"> (a) Construction noise will be limited to restricted times agreed to in the permit (b) During operations the engine covers of generators, air compressors and other powered mechanical equipment shall be closed, and equipment placed as far away from residential areas as possible
	Water Quality	<ul style="list-style-type: none"> (a) The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in nearby streams and rivers.
	Waste Management	<ul style="list-style-type: none"> (a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities. (b) Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers. (c) Construction waste will be collected and disposed properly by licensed collectors (d) The records of waste disposal will be maintained as proof for proper management as designed. (e) Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)
	Earth Works	<ul style="list-style-type: none"> (a) Excess material and topsoil generated from earth works will be stored separately and used for backfilling and site reinstatement (b) Topsoil layer not thicker than 30 m will be stripped separately and temporary piled on-site (c) Stockpile height will not exceed 3.0 m, and the slope angle will not exceed 34°

		<p>(d) Temporary stockpile will be compacted and covered with a tarp to prevent erosion caused by rain runoff</p> <p>(e) Topsoil will be re-used for backfilling to facilitate re-cultivation of the land plot</p> <p>(f) Excess amount of subsoil will be disposed at the agreed-upon locations.</p>
B. Individual wastewater treatment system	Water Quality	<p>(a) The approach to handling sanitary wastes and wastewater from building sites (installation or reconstruction) is approved by the local authorities.</p> <p>(b) Before being discharged into receiving waters, effluents from individual wastewater systems are treated in order to meet the minimal quality criteria set out by national guidelines on effluent quality and wastewater treatment.</p> <p>(c) Monitoring of new wastewater systems (before/after) is carried out. Construction vehicles and machinery are washed only in designated areas where runoff will not pollute natural surface water bodies.</p>
H. Traffic and pedestrian safety	Direct or indirect hazards to public traffic and pedestrians because of construction activities	<p>(a) In compliance with national regulations the Contractor will ensure that the construction site is properly secured and construction-related traffic is regulated. This includes but is not limited to:</p> <ul style="list-style-type: none"> ▪ Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards; ▪ Traffic management system and staff training, especially for site access and near-site heavy traffic; ▪ Provision of safe passages and crossings for pedestrians where construction traffic interferes; ▪ Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement; ▪ If required, active traffic management by trained and visible staff at the site for safe passage for the public. <p>(b) Ensuring safe and continuous access to all adjacent office facilities, shops and residences during construction.</p>
I. Social risk	Public relationship management	<p>(a) Assign local liaison person within Contractor's team to be in charge of communication with and receiving requests/complaints from local population</p> <p>(b) Consult local communities to identify and proactively manage potential conflicts between an external workforce and local people</p> <p>(c) Raise local community awareness about sexually transmitted disease risks associated with the presence of an external workforce and include local communities in awareness activities.</p> <p>(d) Inform the population about construction and work schedules, interruption of services, traffic detour routes and provisional bus routes, blasting and demolition, as appropriate.</p> <p>(e) Limit construction activities at night. When necessary ensure that night work is carefully scheduled, and the community is properly informed, so they can take necessary measures.</p> <p>(f) At least five days in advance of any service interruption (including water, electricity, telephone, and bus routes), advice community through postings at the work site, at bus stops, and in affected homes/businesses.</p> <p>(g) Address concerns raised through Grievance Redress Mechanism established by the Employer within the designated</p>

		<p>timeline within the scope of Contractor's liability</p> <p>(h) To the extent possible, work camps should not be located in close proximity to local communities</p> <p>(i) Siting and operation of worker camps should be undertaken in consultation with neighboring communities</p>
	Grievance management	<p>(a) GRM is established and advertised at the local level. The Contractor is informed of his responsibility to register and communicate to the PIU received verbal and non-verbal grievances.</p> <p>(b) GRM contact information, including local focal points, has been posted at the construction site and the local community's administrative office.</p> <p>(c) The Contractors' local liaison person receives and registers grievances from the population in the GRM log and communicates the grievances to the ATDF regularly.</p>
	Labor management	<p>(a) The Contractor will recruit unskilled or semi-skilled workers from local communities to the extent possible. Where and when feasible, worker skills training, should be provided to enhance participation of local people.</p> <p>(b) The Contractor will provide adequate lavatory facilities (toilets and washing areas) in the work site with adequate supplies of hot and cold running water, soap, and hand drying devices. A temporary septic tank system should be established for any residential labor camp and without causing pollution of nearby watercourses</p> <p>(c) The Contractor will raise awareness of workers on overall relationship management with local population, establish the code of conduct in line with international practice and strictly enforce them, including the dismissal of workers and financial penalties of adequate scale.</p>

Environmental and Social Monitoring Plan for construction and operation phases.

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
CONSTRUCTION PHASE						
1. Supply of construction materials	Purchase of the construction materials from registered suppliers	Offices and warehouses of material suppliers	Verification of labels of the materials and/or certificates if any	In the process of signing the agreements for material provision	- Ensure technical quality of construction; - Protect human health and environment.	ATDF Technical supervision company
2. Transportation of construction materials and waste Movement of construction equipment	- Technical condition of construction vehicles and machinery; - Adequacy of the loading trucks for transported types of cargo, and canopy coverage of cargo transported in open trucks; - Movement of construction vehicles and machinery along pre-defined routes	Routes for transportation of construction materials and construction wastes	Inspection of roads adjacent to the construction site and included in the agreed-upon routes of transportation	Unannounced checks during the working hours	- Avoid air and road pollution with dust and solid matter; - Reduce traffic disruption - Limit nuisance to local communities from noise.	ATDF Technical supervision company Road Police

3. Maintenance of construction equipment	<ul style="list-style-type: none"> - Washing of cars and construction equipment outside the construction site or on maximum distance from natural streams; - Refuelling or lubrication of construction equipment outside the construction site or at the predetermined confined area. 	Construction site	Inspection of activities	Selective inspections during work hours	<ul style="list-style-type: none"> - Avoid pollution of water and soil with oil products due to operation of equipment; - Timely localize and decrease expected damage in case of fire. 	ATDF Technical supervision company
4. Generation of construction waste	<ul style="list-style-type: none"> - Temporary storage of construction waste in especially allocated areas; - Temporary storage of inert and hazardous wastes separately at the designated locations; - Timely disposal of waste to the formally designated landfills 	Construction site and base (if applicable); Locations designated for waste disposal	Checking documents Visual observation	Entire period of construction	<ul style="list-style-type: none"> - Prevent pollution of soil, surface water and ground water; - Avoid accidents at the construction site due to scattered fragments of construction materials and debris; - Retain aesthetic appearance of the construction site and its surroundings. 	ATDF Technical supervision company Yeghegnadzor administrative office
5. Accumulation of household waste	<ul style="list-style-type: none"> - Provision of waste containers on-site; - Agreement with local municipality for regular out-transporting of waste. 	Construction site and base (if applicable)	Visual inspection	Entire period of construction	Avoid pollution of soil and water with household waste.	ATDF Technical supervision company Yeghegnadzor administrative office
6. Safety of labor	<ul style="list-style-type: none"> - Construction workers wearing uniforms and PPE (hardhats, masks, safety glasses, 	Construction site	Inspection of the activities	Entire period of construction	Reduce the probability of accidents.	ATDF Technical supervision company

	harnesses and safety boots, etc.); - Strict compliance with the rules of construction equipment operation and usage of PPE; - Availability of labor safety training and instruction records; - First aid medical kits and fire extinguishers are available at work site; - Contact information for emergency services (medical, fire) posted on the information board at work site.					
7. Earthworks	Topsoil removal and temporary stockpiling for re-cultivation of the land; - Temporary storage of excavated soil at determined places; - Backfilling of the excavated ground as needed and disposal of the excess mass to the places, approved in writing	Construction site	Inspection of activities	During earth works	- Limit loss of vegetation due to ground piling and minimization of pollution of surface waters with particles; - Limit pollution with contaminated soil of surface and ground waters.	ATDF Technical supervision company
8. Extraction of inert material	- Purchase of inert materials from the existing suppliers, if there is such opportunity;	Quarries of inert materials	Inspection of documents Inspection of activities	During excavation and reclamation at quarries	- Limit slope erosion and landscape damage; - Limit erosion of riverbanks, pollution	ATDF Technical supervision company

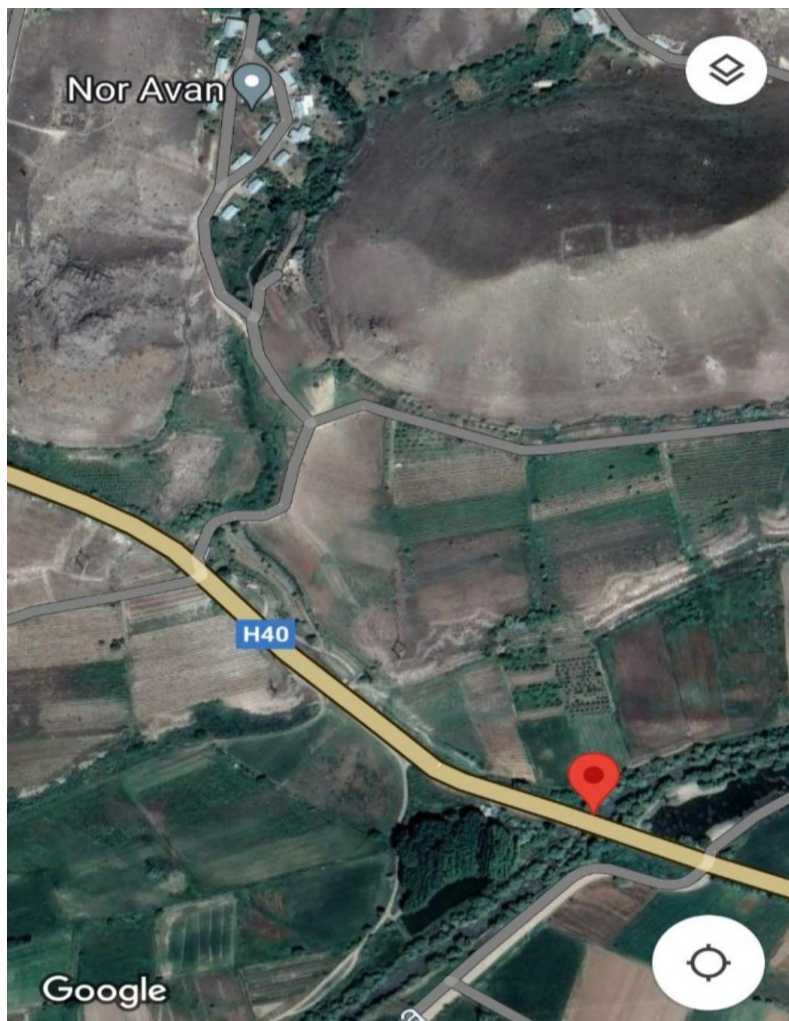
	<ul style="list-style-type: none"> - Obtaining the license for production of inert materials and strict compliance with the license; - Terracing of quarries, backfilling of exploited areas and harmonization with the landscape; - Excavating gravel outside water flow, arrangement of separating ridges between water flow and excavation area, banning entrance of watery by vehicles and machinery 				of water flow with weighted particles and disturbance of aquatic life.	
9. Works near privately-owned land plots and other property	<ul style="list-style-type: none"> - Avoid trespassing or incidentally damaging of private property (using small-size machinery or manual labor near walls and fences, stockpiling of construction material and waste away from private property; etc.); - In case of unintended damage to private property, quickly restore it to the original or better status; - In case of expected temporary impact on 	Works near privately-owned land, buildings and other assets	Monitoring and inspection	Entire period of construction	<ul style="list-style-type: none"> - Reduce the probability of damages on private property; - Exclude temporary or permanent violation of ownership and/or user rights on the private property. 	ATDF Techncial Supervision company

	<p>privately-owned property, inform owners upfront and guarantee restoration, acquire written consent of owners for intervention, and promptly restore the damage to the original or better status;</p> <ul style="list-style-type: none"> - If an unexpected need for land take emerges in the course of works, do not enter the affected site before development and full implementation of the Resettlement Action Plan by ATDF. 					
10. Handling of chance finds	<ul style="list-style-type: none"> - Stoppage of works promptly upon encountering of chance finds; - Formal communication with Agency for the Protection of Monuments and Historical Sites of RA on chance finds; - Timely arrangements made for the conduct of required excavation and site conservation 	Construction site	<ul style="list-style-type: none"> - Inspection of chance find sites; - Inspection of filed document 	Entire period of construction	Ensure cultural heritage is not damaged by the construction works	<p>ATDF</p> <p>Technical supervision company</p> <p>Agency for the Protection of Monuments and Historical Sites</p>
11. Construction site re-cultivation and landscaping	Final cleaning of the rehabilitation site and permanent access roads	Construction site and access roads	Inspection of activities	Final period of construction	Reduce loss of aesthetical value of the landscape due to	<p>ATDF</p> <p>Technical supervision</p>

	and landscaping-greening of the area as required				construction activities	company
12. Grievance redress mechanism (GRM)	<ul style="list-style-type: none"> - ATDF GRM information is available and visible to the public; - The appointment by the authorities of the Coordinator for the consideration of complaints (receiving complaints, reviewing and explaining, registering complaints in the log book and trying to resolve them on the spot); - Appeal to ATDF by hot-line (010 24 01 59), postal letter (Yerevan 0037, K. Ulnetsi 31), official web page (http://atdf.am/hy/Home/ContactUs), e-mail (support@atdf.am) 	<p>At locations for posting GRM information;</p> <p>ATDF office</p>	Inspection	Monthly visits during construction	Provide for all citizens in the community a channel to voice questions, feedback or complaints related to construction works	<p>ATDF</p> <p>Technical supervision company</p>
13. Nuisance to nearby residents caused by improper parking of construction machinery and vehicles, temporary storage of construction material and waste, or littering around the construction site by contractors	<ul style="list-style-type: none"> - No parking of construction vehicles and machinery outside the construction site; - No blocking of pedestrian and vehicle movement around the construction site due to stockpiling/ dumping of construction materials/waste; 	In the immediate vicinity of the construction site	Visual inspection	Monthly visits, or if notified by contractor or citizens	Prevent negative impacts on property, assets or livelihoods	<p>ATDF</p> <p>Technical supervision company</p>

	<ul style="list-style-type: none"> - No trespassing of private land plots and/or other property around the construction site by contractor's personnel. 					
OPERATION PHASE						
Operation and maintenance of sewage collection piping and treatment unit	<ul style="list-style-type: none"> - Leakages of waste water from sewage scheme; - Smoothly operation of sewage water treatment unit. 	Sewage scheme and installed treatment facility	Instrumental quality testing of treated sewage according to approved safety parameters.	During operation phase	<ul style="list-style-type: none"> - Prevent water-borne diseases; - Prevent pollution of surface and ground water, soils. 	Yeghegnadzor administrative office Veolia Jur CJSC

Attachment 1: Photos and maps of the construction site





Attachment 2: Copy of construction waste disposal permit


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ք. Եղեգնաձոր, Շահումյան 1, Հեռ. +374 281
22020, 28125183, yeghegnadzor.vayotsdзор@mta.gov.am, yeghegnadzor@gmail.com
N 1089
18 հոկտեմբեր 2022 թ.

Տեղեկանք

Տրվում է առ այն, որ Եղեգնաձորի «Նոր Ավան թաղամասի կոյուղու ցանցի և բիոմաքրման կայանի կառուցում» միկրոծրագրով նախատեսված շինարարական աշխատանքների իրականացման ընթացքում առաջացած շինարարական աղբը տեղափոխվելու է քաղաքային աղբավայր, որը գտնվում է շինարարական հրապարակից 600-800մ. հեռավորության վրա:


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Վայոց Ձորի պետական ծառայության
Արմեն Արսենյան
0281-2-20-20

English summary of the above document:

REFERENCE

Is given to state that the construction waste generated during the civil works under the “Construction of a Sewerage System and Bio-treatment Station in Nor Avan District of Yeghegnadzor City” micro-project will be transported to the municipal landfill located in 600-800 m distance from the construction site.

Head of the Community

Sealed/Signed

D. Harutyunyan

Attachment 3: Reference on the ownership of land plots for construction works



Non-official translation:

REFERENCE

Is given to state that the construction works planned under the “Construction of a Sewerage System and Bio-treatment Station in Nor Avan District of Yeghegnadzor City” micro-project will be conducted on the community-owned lands, and the designed sewer pipeline will not cross any private owned or rented land plot.

Head of the Community

Sealed/Signed

D. Harutyunyan

Attachment 5: Minutes of the public consultation on the draft Environmental and Social Management Plan

On December 22, 2022, a public consultation meeting was held in the building of Yeghegnadzor administrative office with the participation of ATDF, Yeghegnadzor municipality representatives and residents of Nor Avan settlement. Overall, 14 people participated in the meeting, of which 5 were women.

The announcement of the public consultation was posted on the ATDF webpage and Facebook account of the Yeghegnadzor community on December 14, 2022.

The head of Yeghegnadzor administrative office David Harutyunyan opened the meeting and presented the purpose of the meeting and the concept of the micro-project.

ATDF environmental specialist Asya Osipova presented the scope of construction works to be done under the micro-project and the aim of the developed ESMP.

Asya Osipova presented the expected environmental and social impacts, including generation and transportation of construction waste, noise and dust resulting from the construction works. The safety measures to be provided were also presented, including the fencing of the construction site, installation of caution tapes in the dangerous areas of the construction site and traffic management, as well as the safety signs installation requirements. The measures on safety of labor were presented, including uniform wearing and personal protective equipment, as well as the requirements on the supply of construction materials and maintenance of construction equipment. Also, it was presented that safety and protective measures will be implemented to avoid the pollution of Arpa river.

The Grievance Redress Mechanism (GRM) of the SILD project was presented to the participants of the meeting. The contact information of the local focal point (Armen Aghajanyan) elected at the Community meeting was presented, as well. The procedures of submitting, examining, and reviewing the grievances were introduced to participants. It was mentioned that the information on the GRM will be additionally posted on the information board of the Yeghegnadzor administrative office, and the micro project information board is to be installed at the entrance of the construction site.

Asya Osipova told about the supervision and monitoring procedures for the implementation of the EHS measures provided under the ESMP.

During the meeting, A. Osipova asked a question about the entity which will be responsible for serving the bio-treatment plant. The head of the community, D. Harutyunyan, replied that the request and all design information on the project had been sent to Veolia Jur CJSC, and they received a positive response. The bio-treatment facility will be serviced by Veolia Jur CJSC. Also, questions were raised about the timing, the start of construction works, including participants said words of gratitude to the ATDF and WB teams and were very excited about the upcoming project.

At the meeting, the head of the community, D. Harutyunyan, said that after the community of Yeghegnadzor officially submitted the project to Veolia Jur for consideration and approval, they gave a positive response, indicating that it would be an interesting and new experience. Secondly, A. Osipova also raised the issue of the pending application submitted by the Yeghegnadzor municipality to the Ministry of Environment to permit treated wastewater discharge under the project. The head of the community, D. Harutyunyan, responded that the community office had received a notification from the Ministry about responding to them any time soon.

List of participants (not subject to publication)

Սոցիալական ներդրումների և տեղական զարգացման ծրագիր Բաղադրիչ 1
Ընդհանուր ժողով

Մասնակցների ցանկ

22.12.2022 թ. երեքշաբթի համայնքապետարանի շենք, ժամը 12:00

Գ/Գ	անուն, ազգանուն	հասցե	գրառվածություն	հեռախոսահամար	տարածություն
1	Արմենյան Արմեն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
2	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
3	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
4	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
5	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
6	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
7	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
8	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
9	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
10	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
11	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
12	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ

13	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
14	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
15	Արմենյան Վահագն	Երևան, Կոմիտասի պող.	պատվավոր	938-255328	ՍԳԿ
16					
17					
18					
19					
20					

Photo (not subject to publication)



DL N 2-3



ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ
ՎԱՅՈՑ ԶՈՐԻ ՍԱՐԶ
ԵՐԵՎԱՆԶՈՐ ՀԱՄԱՐՆԷ
ԵՒԼԱՐԱՐՈՒԹՅԱՆ ԶՈՒՅՆՏՎՈՒԹՅՈՒՆ

N E 30 cut 20 25 p.

Signature: [Signature]

14.3.2023

1886

[illegible]

Երևանի քաղաքապետարանի քաղաքացիական ծառայության ղեկավար՝

1. Գլխավոր եզրակացությունն ընդամենը չէ՞ր:

7) $\frac{d}{dt} \left(\frac{1}{r^2} \right) = -\frac{2}{r^3} \frac{dr}{dt}$

Chapman, L. T. "O.D.", 1974. 1/1

Handwritten signature and number 4913.

2) արտաքին ծ (ՀՀ) Հ. Գրիգորյան 20.11.2019 թ. N 352-22 փոփոխությունների դրական նշանակություն

0924 470246/470247/470248/470249

17060

1992]

Isi: "Kerangka berpikir dan kerangka acuan dalam penelitian kualitatif".

[illegible]

3) սահմանված կարգով համահայնեցվել են իրավապետ, մարմնի, օրենսդրվ սահմանված այլ շահագրգիռ մարմինները:

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[illegible]

2.1. Անգամայն օգտվելու արգելափակումը:

2.1. Ինքնադրժար օգյուծելով շահագործման թույլտվություն և ստանալով

[] អនុលោមតាមប្រការ ៧២ របស់ច្បាប់ស្តីពីការប្រកាសរដ្ឋប្បវេណី ចុះថ្ងៃទី ២៤ ខែ កញ្ញា ឆ្នាំ ២០០៧ របស់រាជរដ្ឋាភិបាល។

[illegible]

Հղումները և Գրքեր Երևան

Uppskrift: 1000 g

၂. ယုဒလူမျိုး

4. Եզրագծային փաստաթղթերի փոխդիմելի եմ (ընդգրկում է N 1 հավելվածի 108-րդ կետով նախատեսված (ազատում) _____

— *Unpublished*

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ՎՃԱՐԱԿԱՆ ԿՈՄԻՏԵ

[illegible][illegible]

— 12. 11. 1991

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

(-/-) or (1/1) genotypes were determined by PCR analysis.

B. *Acetivibrio* sp. 1000000000

7) Կարողացա՞վա՞րդ, նախքան շինարարությունն սկսելը, ինչպես եսեմ, դուք ընթացքում, պարտավոր է վճարելիք վճարների փոխհատուցման համար համաձայնության գալ Կարողացա՞վա՞րդման հետևանքով:

Զ. Զինադարձրյալն ընդունվելուց առնանալան ժամկետներում կատարվող աշխատանքի չափարտելու դեպքում կրճատվել են 1 հալվելու 123-123-ի կետերով սահմանված պահանջները:

3) ցուցադրում է ՄԻ խաղվածքի 84-րդ կետով սահմանված դեպքերում սույն թուղթի վրայից ստեղծված կարգով հաստատված «Լազարյան» կողմի հիման վրա, որին հաջորդող «Նշխարառնակ» կողմից ցուցադրվող իրադրությունը հաստատված փոփոխված ընդունված լուծումները և աշխատանքները:

Տեղեկություններ և հարցեր: 16-րդ հարկի տարածման ժամկետը

Կա _____ համարների տակ կապակցված շինարարությունը հետապնդող և առանց գիտակից հատակագծի (շինարարական)

Page 10 of 10

— ឧបនិក្ខមបរិបត្តិ

၂၀၁၆ ခုနှစ် ဇူလိုင်လ ၁ ရက်နေ့မှ ၂၀၁၆ ခုနှစ် ဇူလိုင်လ ၁ ရက်နေ့
 အထိ ပြည်သူ့ဆေးခန်း (အထူးဆေးခန်း) မှ ၂၃၂၃၆၆/၁ နံပါတ်ဖြင့်
 ပြည်သူ့ဆေးခန်းမှ လက်မှတ်ထုတ်ပေးခြင်း ဖြစ်ပါသည်။

Հայաստանի Հանրապետության Առևտրի, շինարարական գործերի և տնտեսական կապերի նախարարությունը:

7. Lij van de deelnemers

Figure 1. The proposed model of the effect of the perceived social support on the perceived stress.

Ք. Կոտորչյանը որպես շրջակայային (քաղաքային, ագլոմերացիոն) աշխատանքներն սկսելուց առնվազն 6 օր առաջ, իսկ առաջին 6 ժամը (շաբաթը) N 2-Ց ձևի, տեղեկացնում է իրավաբան մարմնին:

Կ. Խոսքովեանը իրեն լուր ցանկացաւ շինարարական և զրգանէն աշխատանք կազմող իրականացման բաժնուանը, Կ. Խոսքովեանը իրականացուցանալով զրգանէն աշխատանքը, Խոսքովեանը արտահայտելով իրականացուցանալով:

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ՎԱՏՈՑ ՁՈՐԻ ՄԱՐԶԻ
ԵՐԵՎԱՆԻ ՄԱՐԶԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ԿԵՆՏՐԱԼ ԿԱԶՄԻ

ԵՊՀ ԳԼԽԱՎՈՐ ԳԱՅԱՍԵՆՔԻ ԴԵԿԱՆԱՏ

១. ទំហំកាត់ទឹកស្រោច