



**Rehabilitation of “Telavis Khevi” at Ketevan Tsamebuli Str. in
Telavi (Telavi Municipality)**

**Sub-Project Environmental and Social Screening and
Environmental Management Plan**

**WORLD BANK FINANCED
REGIONAL DEVELOPMENT PROJECT**

Tbilisi, Georgia

January 2015

Environmental Screening

The sub-project (SP) site is located in Kakheti region of Eastern Georgia, in the administrative center of Telavi and includes rehabilitation and improvement of Telavi Khevi (canal lined with reinforced concrete) running through Ketevan Tsamebuli St. and sidewalks of both sides.

The canal along the entire length is amortized: reinforced concrete base, sidewalks and walls are damaged, which causes infiltration of water from riverbed, flooding the surrounding areas and discontent of the population. Paved riverbed does not have a railing, due to which accidents are frequent there. Also, gas and water pipes on the edges of the riverbed are not in a proper condition. In addition, the canal is contaminated with household waste, which causes serious concern of population. The SP will finance rehabilitation of Telavi canal and improvement of sidewalk along the canal running through the center of the city.

According to the types of work to be performed, the SP can be divided into two parts (see Appendix 1). Rehabilitation of the canal (walls and bed) is planned within the boundaries of the project area 1; as for the project area 2 (section of the canal in the center of the city) – along with the rehabilitation works, engineering structures will be removed, surrounding areas will be arranged and two small arched bridges will be constructed.

The works to be carried out under the SP include:

- a. Clean-up of the canal (removal of waste);
- b. Rehabilitation of bottom and walls of the canal;
- c. Arrangement of railings on both sides of the canal in the section from the south of Chavchavadze avenue crossing till Erekle II avenue;
- d. Replacement of dilapidated communications (suspended gas, water pipes and high-voltage cables);
- e. Landscaping (grass seeding, planting flowers); installation of 24 garden benches and 20 garbage bins; arrangement of 10 ramps for people with disabilities; arrangement of 2 drinking fountains (one on Saakadze St and the second on Ketevan Tsamebuli St); Installation of lighting poles on both banks with 20 meters interval;
- f. Arrangement of a new asphalt pavement after replacement of communications;
- g. Reconstruction of the 'Jordan spring' on the bank from Saakadze street. Existing spring will be demolished and replaced with small structure roofed with traditional Georgian roofing tiles;
- h. Demolition of the existing pedestrian bridge and construction of two small arched concrete bridges (one - near the spring and the other - in 60 meters to the north).

(A) IMPACT IDENTIFICATION

<p>Has project a tangible impact on the environment?</p>	<p>The SP will have a positive impact on the environment.</p>
<p>What are the significant beneficial and adverse environmental effects of project?</p>	<p>The positive effects of the SP:</p> <ul style="list-style-type: none"> • Cleaning and improvement of the canal – it will reduce infiltration, the risk of flooding and waterlogging; • Improve the sanitary conditions and alleviate the discomfort of the population caused by the odor; • Reduce the visual impact caused by the pollution of the canal; • Through arranging the railings, security risks will be excluded; • Through removing suspended communications, aesthetic appearance of the site will improve; • Upgrade communications; • Arrangement of the surrounding area and creation of opportunities for people with disabilities to move freely; • Creation of additional recreational area for tourists and locals. <p>The SP's potential risks:</p> <ul style="list-style-type: none"> • Choosing the wrong sources for the extraction of inert materials and poor operation of quarries; • Limited movement of traffic due to improper planning of works, improperly stored waste and improper management of traffic; • Noise, dust and exhaust emissions during construction works; • Water, gas supply disruption during the relocation of communications; • Pollution of area caused by fuel/oil spills in case of improper waste management and improper maintenance of the equipment; • Limited movement of pedestrians; • Damage of vegetation along the canal.
<p>May the project have any significant impact on the local communities and other affected people?</p>	<p>The SP will have a positive social impact, which is:</p> <ul style="list-style-type: none"> • Improvement of safety and sanitary conditions, as well as the aesthetic appearance of the area; • Create opportunities for people with disabilities to move freely; • Arrangement of additional recreational area for tourists and locals.

(B) MITIGATION MEASURES

<p>Were there any alternatives to the project design considered?</p>	<p>The aim of the SP is to upgrade part of the urban area in Telavi. Alternative location has not been considered. Technical alternatives - concrete pavement using a ready mixed dry mortar and pouring of concrete.</p>
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<p>What types of mitigation measures are proposed?</p>	<p>Negative impact expected during the construction phase can be easily mitigated through proper planning and management of construction works and traffic movement (in accordance with the adopted practice, Georgian environmental laws / regulations and requirements of the World Bank).</p> <p>The Contractor shall be responsible for:</p> <ul style="list-style-type: none"> • Usage of inert materials obtained only from licensed provider / extracted from licensed quarries; • Implementation of works in the canal during the low waters; • Ensuring diversion of low water flow (if any) from work area (through corrugated pipe); • Ensuring protection of water and soil from contamination (e.g. pollution, fuel / oil spills due to equipment failure, etc.), do not allow the damaged equipment within the work area; • Properly planning of works / materials supply to prevent population disturbance (noise, emissions, dust), and limited movement due to the accumulation of excess material within the area; • Ensuring proper maintenance of machinery and construction equipment; • To manage the movement of vehicles outside the area in order to reduce the impact on background traffic flows; • To control dust, noise, etc. And, if necessary, use control / mitigation measures; protect the working hours; • To ensure regular removal of waste from the area to the agreed landfill; • To provide transportation of loose material / waste by closed/roofed vehicles; • To provide information on the exact time and duration of limited supply of utility services (water, gas, etc.).
<p>What lessons from the previous similar projects have been incorporated into the project design?</p>	<p>Municipal development fund of Georgia has extensive experience in the implementation of construction and rehabilitation SPs financed by various donor organizations.</p> <p>Community will be informed on the planned activities and schedules.</p>
<p>Have concerned communities been involved and have their interests and knowledge been adequately taken into consideration in project preparation?</p>	<p>The SP was developed in consultation with the local administration in order to respond to the current situation. Public hearings of the site-specific EMP prepared for the SP was held in town Telavi prior to the commencement of construction works on Januari 21, 2015.</p>

C) RANKING

The project has been classified as environmental Category B according to the World Bank safeguards (OP 4.01) and requires Completion of the Environmental Management Checklist for Small Construction and Rehabilitation Activities.

Social Screening

Social safeguards screening information		Yes	No
1	Is the information related to the affiliation, ownership and land use status of the sub-project site available and verifiable? (The screening cannot be completed until this is available)	✓ ¹	
2	Will the sub-project reduce people's access to their economic resources, such as land, pasture, water, public services, sites of common public use or other resources that they depend on?		✓ ²
3	Will the sub-project result in resettlement of individuals or families or require the acquisition of land (public or private, temporarily or permanently) for its development?		✓
4	Will the sub-project result in the temporary or permanent loss of crops, fruit trees and Household infra-structure (such as ancillary facilities, fence, canal, granaries, outside toilets and kitchens, etc.)?		✓
If answer to any above question (except question 1) is "Yes", then OP/BP 4.12 Involuntary Resettlement is applicable and mitigation measures should follow this OP/BP 4.12 and the Resettlement Policy Framework			

¹ The area is the state property, but one plot (registration N532045080) is leased out to a physical body. The lease term expires on 3.06.2015. (Additional information is given in Annex 2).

² Temporary disruption of services is expected during relocation of infrastructure/communications. Community will be informed about the date and duration of works.

Part A: GENERAL PROJECT AND SITE INFORMATION

Institutional & Administrative	
Country	Georgia
Name of the project	Rehabilitation of "Telavis Khevi" on Ketevan Tsamebuli St., in Telavi
Name of the sub-project	
Description of the planned activities	<p>The SP aims at full rehabilitation of Telavi canal and arrangement of its banks along the central district of the city.</p> <p>More specifically, the SP includes the following works:</p> <ul style="list-style-type: none"> • Removal of waste from 1809 m long Telavi Khevi bed; • Full rehabilitation of the bed (restoration of reinforced concrete bottom, sidewalks and retaining walls) – dismantle of the flat part of the bed (from Chavchavadze avenue to the South, along 809 meters distance) and removal of waste from the area to the agreed landfill; • Dismantling and removal of communications existing in the bed from Chavchavadze Avenue section to the South, to Erekle II Avenue: <ul style="list-style-type: none"> ○ Dismantle of 320 mm gas pipes and their racks (the project does not include removal of the existing gas pipeline to another location; only the dismantle of the former thermal network is considered); ○ Dismantle of high-voltage cable from Telavi Khevi bed and installation of a new cable in accordance with the project developed by the Energy Pro Georgia ○ Full dismantle of drinking water pipes attached on different sections of the walls of Telavi Khevi bed; arrangement of 70 cm high and 60 cm wide canal and new mains pipe (branching out) on Saakadze st on a pedestrian sidewalk of the right bank of Khevi. • Raising the walls with monolithic reinforced concrete parapets on both banks of Telavi Khevi bed. Arrangement of 45cm high steel railings along the parapet. Lining of parapets with 25 mm thick natural stone slabs of basalt from Saakadze St and Ketevan Tsamebuli St; • Dismantling of the old asphalt pavement and sidewalks; After the completion of the work - arrangement of a new pavement; • Arrangement of automatic watering systems for lawns and pedestrian zones of right bank (Saakadze St) and left bank (Ketevan Tsamebuli St); Landscaping (grass seeding, planting flowers); • Arrangement of 24 garden benches and 20 garbage bins; • Arrangement of 6 ramps for people with disabilities; • Arrangement of 2 drinking fountains (one on Saakadze St and the second on Ketevan Tsamebuli St); • Installation of two lamp electric lighting poles on both banks with 20 meters interval; • Pavement of sidewalks after placement of new communications; • Reconstruction of the source of the Jordan spring on the bank from Saakadze street. The source will be demolished and a small Georgian architectural form will be roofed with tile; • Demolishment of the existing pedestrian bridge and construction of two small arched concrete bridges (one - near the spring and the other - 60 meters away to the north).

Institutional structure (World Bank)	The head of the Working Group: Ahmed Eiveida, Co-Leader: Khiolan Wang	Environmental Safety Specialist: Darejan Kapanadze	
Implementation Structure (loan recipient)	Implementing organization: The Municipal Development Fund of Georgia	Supervisor: JV Steget (Italy) & Estia (Italy)	The Contractor: „Serpantini“ Ltd.
Description of the project object:			
The institution whose property is to be rehabilitated	Telavi Municipality		
The address of the facility and the location of the object whose property is to be rehabilitated	Ketevan Tsamebuli Str. Telavi; Telavi Municipality		
Who is the owner? Who benefits from the land (formal / informal)?	Municipal property. One land plot is 20m ² (Cadastral number is 532045080; Leased by Levan Akhalmosulishvili. Registration date is 03.06.2010; Expiration date is 5 years. The project is not directly related to this area.		
Description of physical and natural environment within the project area	<p>The city is situated within the area of Alazani River basin, on the north-eastern slope of the Gombori ridge. Distance to Tbilisi is 158 km (or 90 km through Telavi-Gombori route). Height above sea level is 500m - 800m. Climate – moderate. Average annual temperature is 9C⁰, maximum temperature is 39 C⁰, Minimum - 16C⁰; average annual precipitation is – 770mm (maximum - 990mm. minimum – 450mm).</p> <p>Rehabilitation facility is located in Telavi. The canal starts from the south-west of the University area, about 300 m away and crosses the city from south-west to north-east direction. Part of it runs through the central, including the historic part of the city. Buildings adjacent to the canal are residential or commercial facilities. The nearest residential house is about 21 m away from the canal. However, it should be noted that the vegetation barrier exists between the houses and the canal.</p> <p>Vehicles are the main sources of noise and emissions within the boundaries of the project area.</p> <p>Groundwater horizon is deep in Telavi, water is observed at 30-40 m depth. Seismically, the area is within a seismic zone with a 9-point seismic threat on MSK-64 scale. The dimensionless coefficient of the seismic hazard is 0.32.</p> <p>River Matsantsara is notable from the surface water bodies within the project area, which flows from the west of the city. The riverbed is dry during the most time of the year. The city is crossed by the Telavi canal, rehabilitation of which is the main purpose of this sub-project. Water flows seasonally in the canal. During the most time of the year, the canal is dry.</p> <p>Vegetation along the canal is artificially planted. There are: Horse chestnuts, Himalayan cedar, Lime. Poplar and willow can be also found there.</p> <p>Wildlife is poor there. Birds: sparrows, pigeons, crows and wild lark.</p> <p>During the most time of the year, the canal is dry. Accordingly, the Ichthyofauna is not observed.</p>		
What is the location and distance of the nearest licensed source of material (including water, stone, etc.)?	Supply of material (inert material) is possible from the nearest licensed quarries. For instance, from quarries along the River Turdoskhevi – distance from the project area is approximately 4-5 km.; or from Kisiskhevi – distance is approximately 7km. The Contractor can use its own material, if it has a license for career development, or can obtain license on the extraction of the material, if deemed appropriate.		

	<p>On-site concrete production is not expected (approximate distance from concrete unit is 5 km). Therefore, water consumption will be required for only dust reduction, for watering the working area. Technical and drinking water will be supplied from municipal water supply system.</p> <p>Material required for landscaping the project area will be purchased in Telavi.</p> <p>Bricks, tiles and other construction materials will be purchased from a licensed supplier.</p>
Legislation	
National and local laws and permits, related to the project activities	<p>The Law of Georgia "On Environmental Protection" – the Law of Georgia “On Environmental Protection” is the basic environmental law and therefore, it provides a basis for other environmental legislation. Therefore, the canal rehabilitation project must be implemented in accordance with the requirements of this law.</p> <p>The Law of Georgia on "Public Health"- According to the law, every person has the duty to refrain from any activity that creates a risk of spreading communicable and non-communicable diseases, causing health risks. Accordingly, implementation of appropriate mitigation measures will be required during the rehabilitation and operation phases, in order to reduce the negative impact on human health to a minimum.</p> <p>The Law of Georgia "On Protection of Atmospheric Air" – Project implementation will be related to propagation of harmful substances and noise in the ambient air. Accordingly, ambient air pollution protection measures considered by the law should be implemented during the rehabilitation process.</p> <p>The Law of Georgia "On Water" - The law regulates the legal issues with regard to the protection, study and consumption of water. Activities are planned for rehabilitation of canal bottom and walls. Part of the planned works will be implemented in the canal bed, which is dry during the most time of the year. The bed of the canal should be protected from contamination during the rehabilitation works.</p> <p>There is a risk of damage / deterioration of the quality (pollution) of soil during the equipment / vehicles movement and earth works. Therefore, provisions of the Law "On Soil Protection" should be considered.</p> <p>Removal of construction waste to the landfill or final disposal of inert materials generated during the excavation on pre-selected area should be agreed in writing with the local municipality and the Solid Waste Management Company LLC.</p>
Public consultation	
When and where will be public consultations held?	The site-specific EMP prepared for the SP was discussed with beneficiary community prior to the commencement of works at the meeting held in Telavi music school, on January 21, 2015. Minutes of the public hearings is attached to this EMP.
Annexes	
<p>Annex 1: Boundaries of Telavi, maps indicating the location of the rehabilitation facility</p> <p>Annex 2: Information on land ownership</p> <p>Annex 3: Photo material</p> <p>Annex 4: Minutes of the public consultation meeting</p>	

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
	Activity/Issue	Status	Triggered Actions
Will the site activity include/involve any of the following?	a. Building rehabilitation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A below
	b. New construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section A below
	c. Individual wastewater treatment system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section B below
	d. Historic building(s) and districts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section C below
	e. Acquisition of land ³	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section D below
	f. Hazardous or toxic materials ⁴	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section E below
	g. Impacts on forests and/or protected areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section F below
	h. Handling / management of medical waste	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Section G below
	i. Traffic and Pedestrian Safety	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Section H below

³ 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.

⁴ Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc.

PART C: MITIGATION PLAN

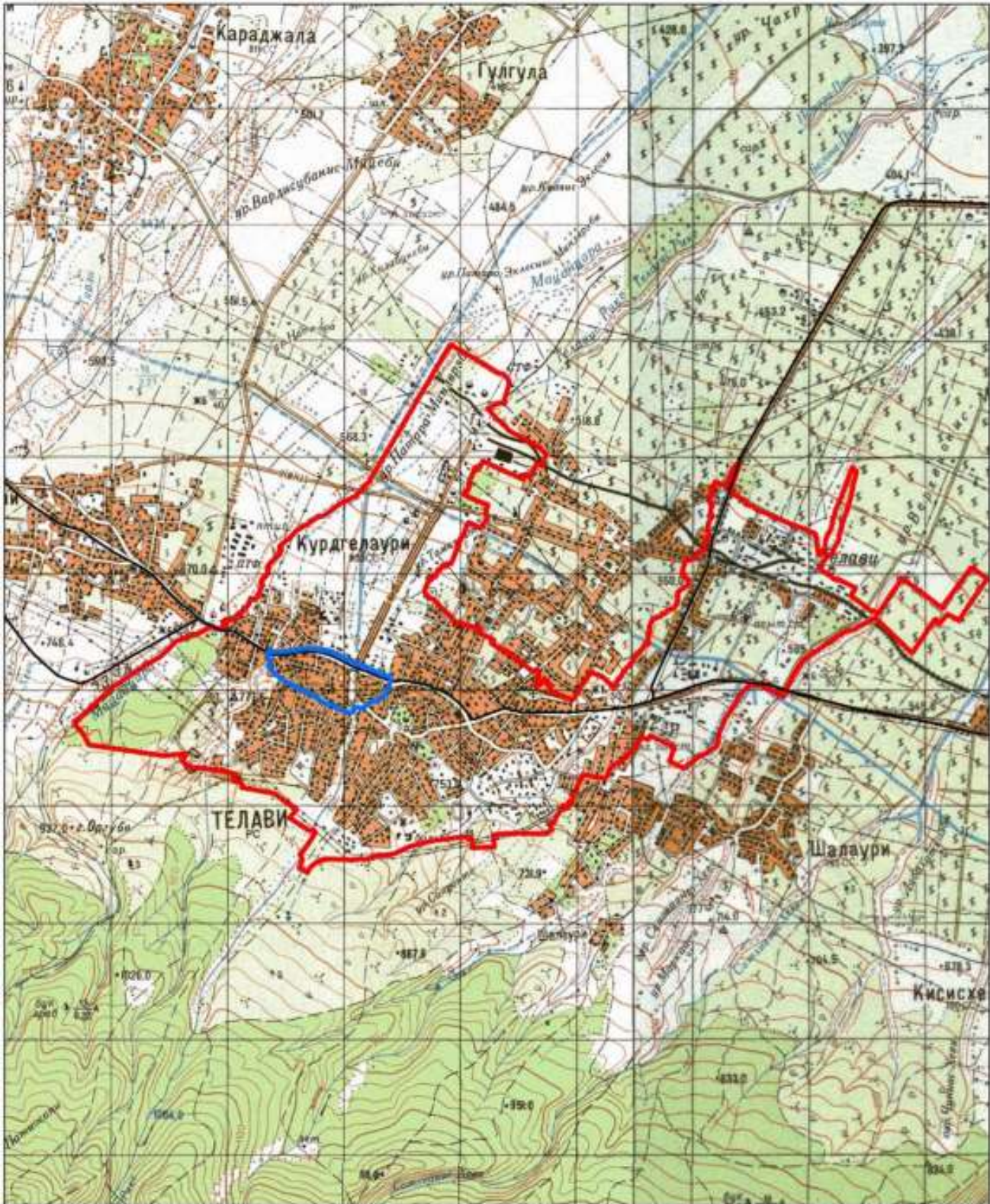
ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
0. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) The local construction and environment inspectorates and communities have been notified of upcoming activities (b) The public has been notified of the works through 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 and/or rehabilitation (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 Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) Demolition debris shall be kept in controlled area and sprayed with water mist to reduce debris dust (b) During pneumatic drilling/wall destruction dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site (c) The surrounding environment (sidewalks, roads) shall be kept free of debris to minimize dust (d) There will be no open burning of construction / waste material at the site (e) There will be no excessive idling of construction vehicles at sites (f) Truck loads should be confinement and protected with lining.
	Noise	<ul style="list-style-type: none"> (a) Construction noise will be limited to daytime hours (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 (c) The machinery should move only along the preliminarily agreed route; (d) The maximum allowed speed should be restricted; (e) Proper technical control and maintenance practices of the machinery should be applied; (f) No-load operations of the vehicles and heavy machinery are not allowed. Proper mufflers will be used on machinery.
	Water Quality	<ul style="list-style-type: none"> (a) Contractor will be required to organize and cover material storage areas. The material storage sites should be protected from washing out during heavy rain falls and flooding through covering by impermeable materials. (b) Contractor will plan all excavations, topsoil and subsoil storage so as to reduce to a minimum any runoff; (c) Revision of vehicles will be required to ensure that there is no leakage of fuel and lubricating materials. All machinery will be maintained and operated such that all leaks and spills of materials will be minimised. Daily plant checks (Vehicle Maintenance Procedure) will be undertaken to ensure no leaks or other problems are apparent. Vehicle maintenance, cleaning, degreasing etc. will be undertaken in designated areas, of hard-standing, not over made ground. Maintenance points will not be located within 50m of any watercourse; (d) Lubricants, fuel and solvents should be stored and used for servicing machinery exclusively in the designated sites, with adequate lining of the ground and confinement of possible operation and emergency spills. Spill containment materials (sorbents, sand, sawing, chips etc.) should be available on construction site; (e) Wet cement and/or concrete will not be allowed to enter any watercourse, pond or ditch.

	Waste management	<p>(a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities.</p> <p>(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.</p> <p>(c) Construction waste will be collected and stored on-site in designated locations and will be disposed to an agreed upon municipal landfill. Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)</p>
	Material supply	<p>(a) Use existing plants, quarries or borrow pits that have appropriate official approval or valid operating license.</p> <p>(b) Obtain licenses for any new quarries and/or borrowing areas if their operation is required;</p> <p>(c) Reinstate used sections of quarries and/or borrowing areas as extraction proceeds on or properly close quarries if extraction completed and license expired;</p> <p>(d) Haul materials in off peak traffic hours;</p> <p>(e) Place speed regulating, diverting, and warning signs for traffic as appropriate.</p>
H. Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	<p>(a) In compliance with national regulations the contractor will insure that the construction site is properly secured and construction related traffic 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 ▪ Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public. ▪ Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the buildings stay open for the public. ▪ To arrange speed bumps to reduce vehicle speed and appropriate signs (road narrows/mind pedestrians) in agreement with local traffic police.

Part D: Environmental Monitoring Plan

Activity	What (Should parameters be monitored?)	Where (is there any parameter subjected to monitoring?)	How (should the parameter be monitored?)	When (Have you determined the frequency and / or continuity?)	Why (is the parameter monitored?)	who (is responsible for monitoring?)
Construction phase						
Removal of waste and vegetation from the canal and construction waste management	<ul style="list-style-type: none"> On-site storage of the removed waste in a specially designated locations; Timely removal of waste to the municipal landfill based on the terms of a written agreement. Waste transported in covered trucks to avoid scattering on-route. 	Canal and its surroundings	<ul style="list-style-type: none"> Visual inspection; Checking of waste disposal agreement 	<ul style="list-style-type: none"> During preparation for canal rehabilitation and in the course of physical works 	<ul style="list-style-type: none"> Improvement of sanitary conditions and aesthetic appearance of the area; Prevention of pollution from improperly disposed solid waste 	MDF
Construction works in the canal	<ul style="list-style-type: none"> Works conducted within daytime hours; Machinery and equipment maintained in good technical condition and no idling of engines; Staff equipped and wearing personal protective gear. 	Canal and surrounding areas	Visual inspection	<ul style="list-style-type: none"> recurrent; In case of complaints. 	<ul style="list-style-type: none"> Prevent nuisance to local communities; Minimize pollution of the environment; Personnel safety 	MDF
Replacement of communications	<ul style="list-style-type: none"> Service users notified on the possible cut-offs and confining cut-offs to minimal established hours; Personnel safety rules strictly observed while handling power cables and communication pipes. 	Canal and surrounding areas	Visual inspection	During replacement of communications	<ul style="list-style-type: none"> Minimize nuisance to local communities; Avoid damage to workers health and casualties due to work-site accidents 	MDF

Overhaul of asphalt paving on the sidewalks along the canal	<ul style="list-style-type: none"> • Purchase of ready asphalt or material inputs for its production from licensed providers; • Traffic control at work sites; • Installation of warning signs ensuring safety of traffic and pedestrians. 	<ul style="list-style-type: none"> • Contractor's office; • Work site 	<ul style="list-style-type: none"> • Checking of documents; • Visual inspection 	<ul style="list-style-type: none"> • Prior to commencement of works; • In the course of works. 	<ul style="list-style-type: none"> • Prevent damage to the environment due to illegal or poorly managed quarrying; • Minimize nuisance to local traffic and residents; • Ensure safety of traffic, pedestrians, and workers. 	MDF
Operation Phase						
Operation of rehabilitated canal	Maintenance of technical condition of the canal	rehabilitated section of the canal	Visual observation	After heavy storms and rainfalls	<ul style="list-style-type: none"> • For the maintenance of technical condition of the canal; • Avoid the flooding and population disturbance due to the water infiltration. 	Telavi Municipality
Operation of the public area along canal	Condition of green cover and decorative vegetation	Lawns adjacent to the canal	Visual Observation	Seasonally	Maintain the aesthetic appearance of the area	Telavi Municipality



მდინარე თელავის ხევის რეაბილიტაციის სიბუხეობრივი გეგმა - I ნაწილი
 SITUATION PLAN OF "TELAVIS KHEVI" RIVER REHABILITATION -PART I

პროექტის ლეგენდა (LEGEN):

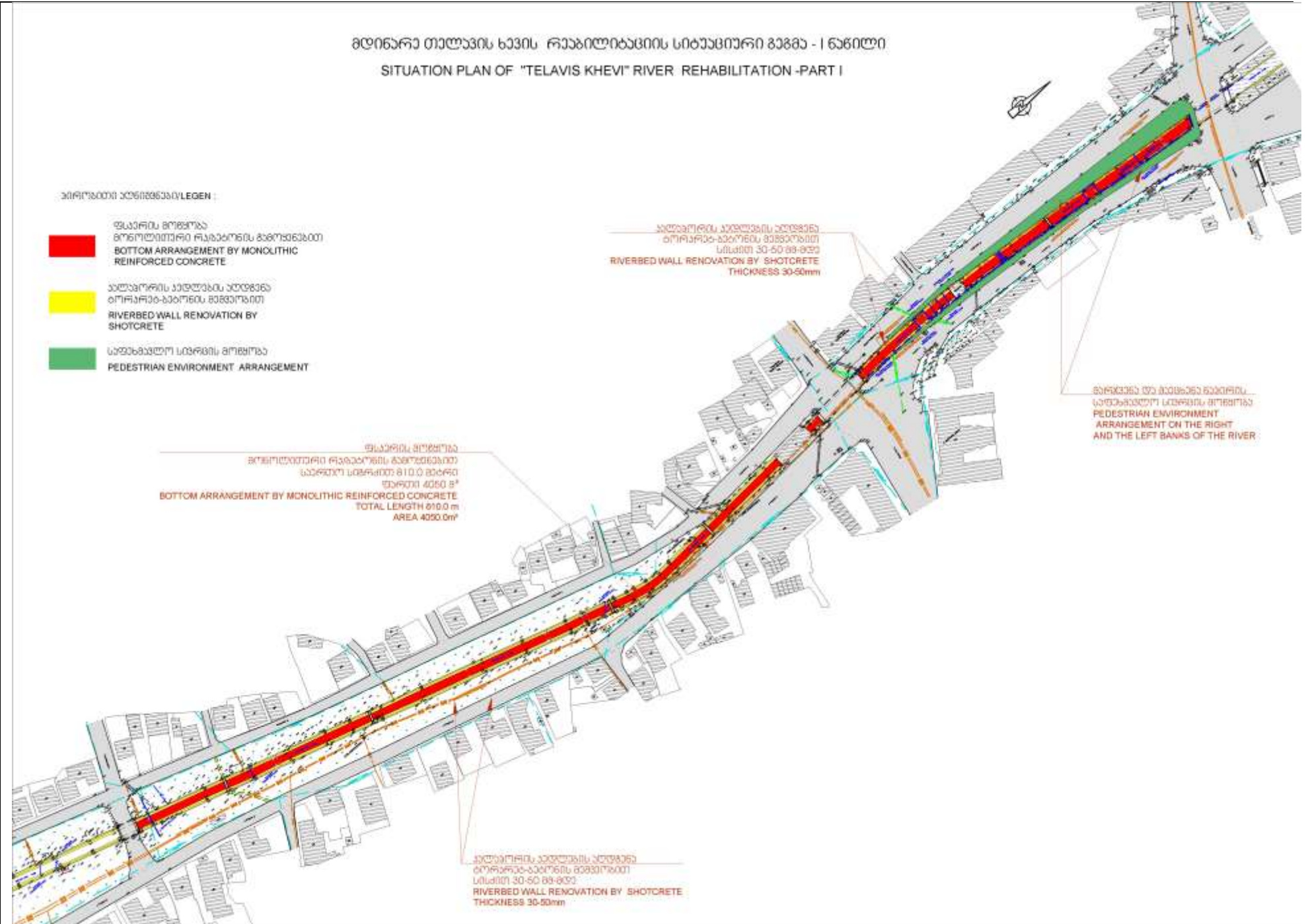
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 მონოლითური რეაბილიტაციის გეგმავლობით
 BOTTOM ARRANGEMENT BY MONOLITHIC REINFORCED CONCRETE
- პალანოვრის კედლების აღდგენა
 იმპრეგნაციის გეგმავლობით
 RIVERBED WALL RENOVATION BY SHOTCRETE
- სავაგონო სივრცის მოწყობა
 PEDESTRIAN ENVIRONMENT ARRANGEMENT

პალანოვრის კედლების აღდგენა
 იმპრეგნაციის გეგმავლობით
 სისქე 30-50-80 სმ
 RIVERBED WALL RENOVATION BY SHOTCRETE
 THICKNESS 30-50mm

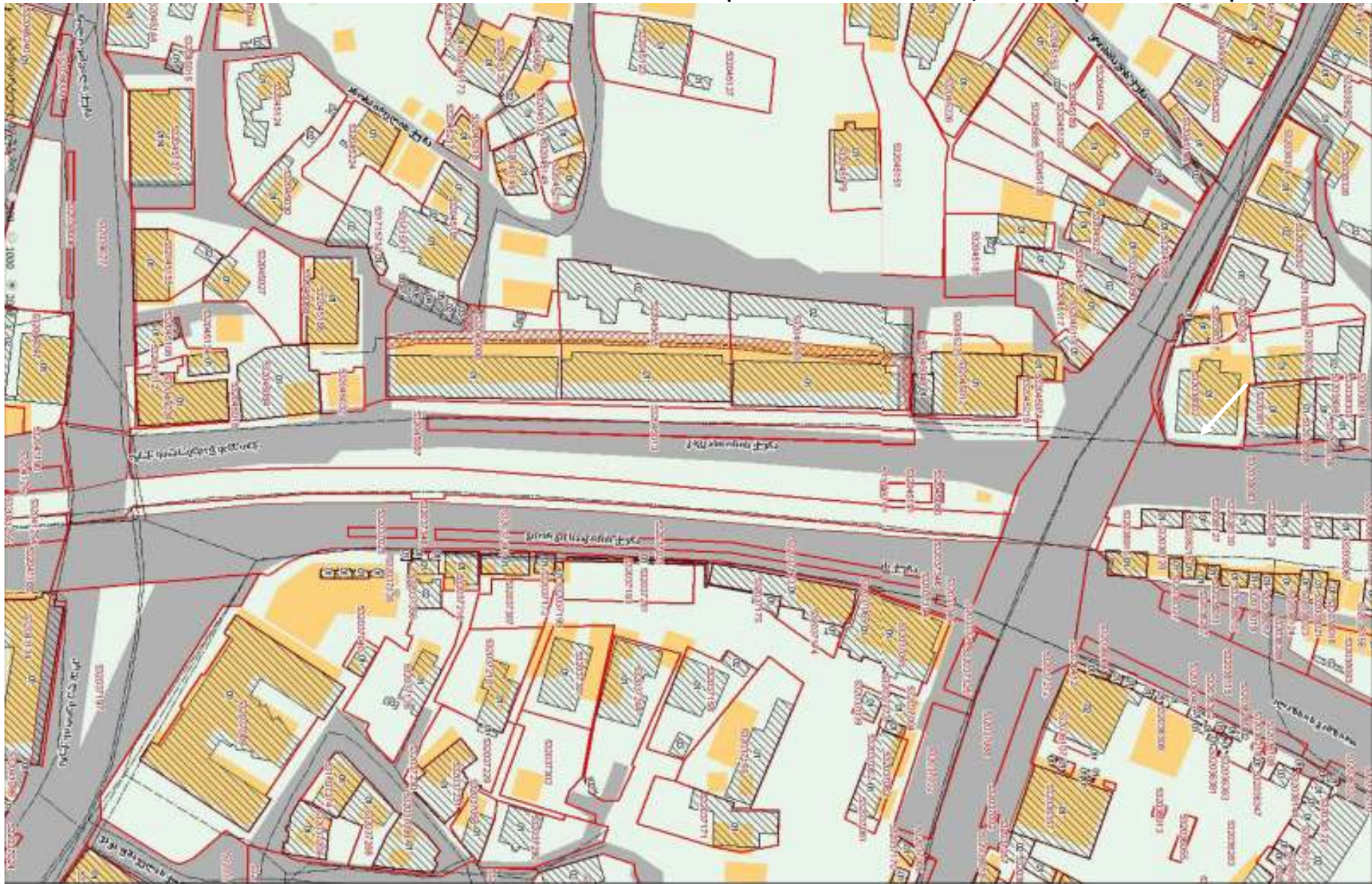
სავაგონო სივრცის მოწყობა
 სავაგონო სივრცის მოწყობა
 PEDESTRIAN ENVIRONMENT
 ARRANGEMENT ON THE RIGHT
 AND THE LEFT BANKS OF THE RIVER

ფსკერის მოწყობა
 მონოლითური რეაბილიტაციის გეგმავლობით
 სავაგონო სივრცის მოწყობა
 მთლიანი სიგრძე 810.0 მეტრი
 ფართობი 4050 მ²
 BOTTOM ARRANGEMENT BY MONOLITHIC REINFORCED CONCRETE
 TOTAL LENGTH 810.0 m
 AREA 4050.0m²

პალანოვრის კედლების აღდგენა
 იმპრეგნაციის გეგმავლობით
 სისქე 30-50-80 სმ
 RIVERBED WALL RENOVATION BY SHOTCRETE
 THICKNESS 30-50mm



Annex 2. Land Ownership - based on cadastral data, state and private ownership of land is identified

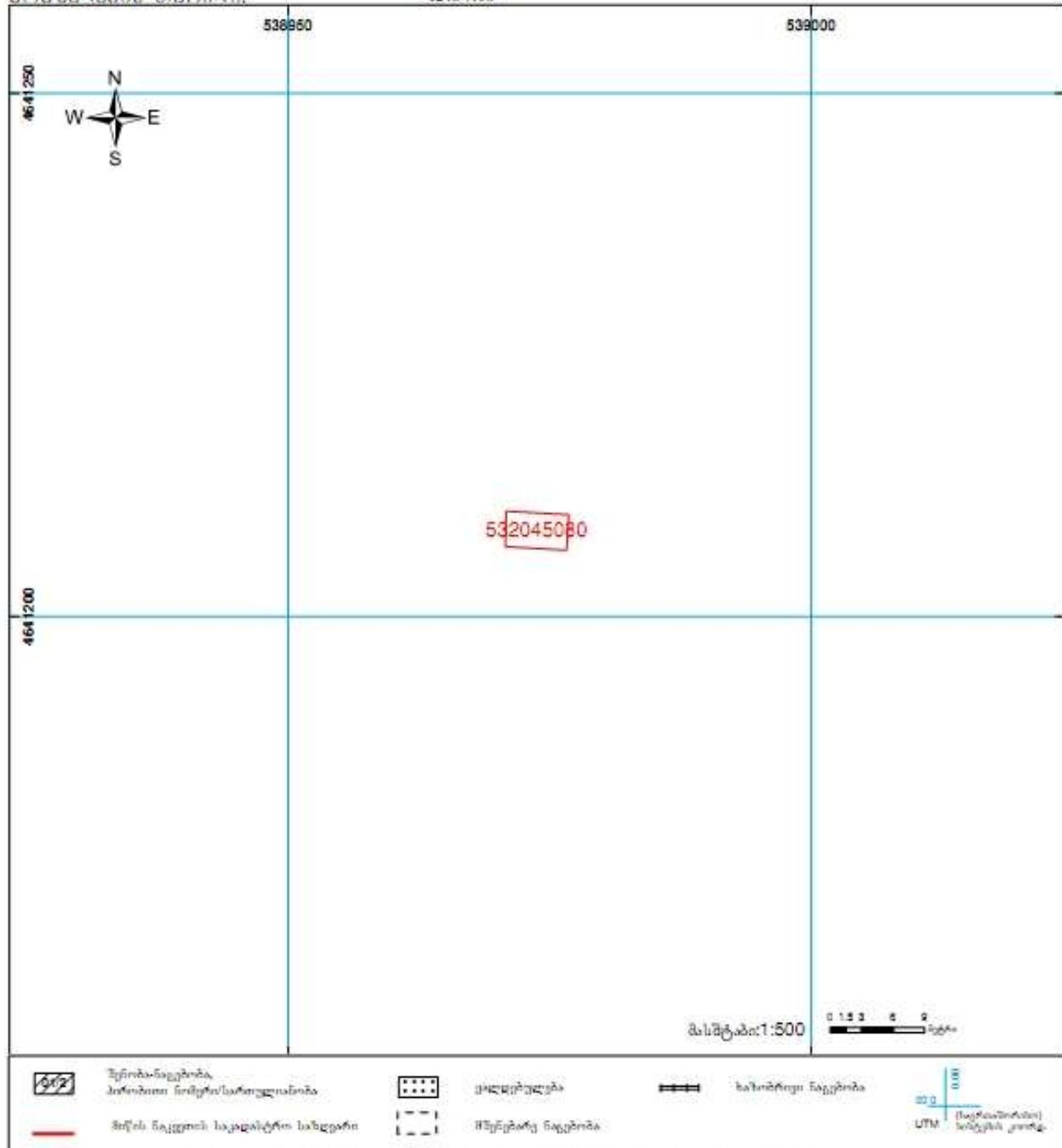




საქართველოს იუსტიციის სამინისტრო
საჯარო რეესტრის ეროვნული სააგენტო
საკადასტრო ბუჩხა

განცხადების რეგისტრაციის ნომერი: 882010561779
 მიწის ნაკვეთის საკადასტრო კოდი: 53 20 45 080
 მიწის ნაკვეთის ფართობი: 20 კვ.მ.
 დანომრეულობა: არასასრულ-სამშენებლო

მიმზადების თარიღი: 15.04.10



საჯარო რეესტრის ეროვნული სააგენტოს მისამართი: 0102 მ. ნაკლიძისაშ. ჩუკის ქ. 2 ტელი (995 32) 91 04 27; ფაქსი (995 32) 91 03 41



ამონაწერი საჯარო რეესტრიდან

განცხადების რეგისტრაცია
N 882010639209 - 03/06/2010 16:54:04

მომზადების თარიღი
09/06/2010 11:43:48

საკუთრების განყოფილება

ზონა თელავი	სექტორი ქ. თელავი	კვარტალი	ნაკვეთი	ნაკვეთის საკუთრების ტიპი: საკუთრება ნაკვეთის ფუნქცია: არასასოფლო სამეურნეო დამზატებული ფართობი: 20.00 კვ.მ. ნაკვეთის წინა ნომერი: 53.20.45.053;
53	20	45	080	

მისამართი: თელავი , ქუჩა ქეთევან წამებული

მესაკუთრის განყოფილება

განცხადების რეგისტრაცია : ნომერი 882009175904 , თარიღი 19/06/2009 15:26:09
უფლების რეგისტრაცია: თარიღი 23/06/2009

უფლების დამადასტურებელი დოკუმენტი:

- წერილი N508 , დამოწმების თარიღი: 19/06/2009 , თელავის მუნიციპალიტეტის გამგეობა

მესაკუთრები:
თელავის მუნიციპალიტეტი

მესაკუთრე:
თელავის მუნიციპალიტეტი

აღწერა:

იპოთეკა

საგადასახადო გირავნობა:

რეგისტრირებული არ არის

სარგებლობა

განცხადების
რეგისტრაცია
ნომერი
882010639209
თარიღი 03/06/2010
16:54:04

მეაღნაგე: თელავის მუნიციპალიტეტი
მოაღნაგე: ლევან ახალმოსულიშვილი N20001023460;
საგანი: 20 კვ.მ.;
ხელშეკრულების დადების თარიღი: 03/06/2010;
ვადა: 5 წელი;

უფლების
რეგისტრაცია: თარიღი
09/06/2010

სასყიდლიანი აღნაგობის უფლების ხელშეკრულება, დამოწმების თარიღი 03/06/2010,
საჯარო რეესტრის ეროვნული სააგენტო თელავის სარეგისტრაციო სამსახური

ვალდებულება

საჯარო რეესტრის ეროვნული სააგენტო. <http://public.reestri.gov.ge>

გვერდი: 1(2)

ვალია/აკრძალვა:

რეგისტრირებული არ არის

მოვალეთა რეესტრი:

რეგისტრირებული არ არის

⁴ფინიკური პარის მიერ 2 წლამდე ვადას საკუთრებაში არსებული მაგერაღური აქციის რეალიზაციისას, აგრეთვე საკადასტრო წესის განხორციელებაში 1000 ლარის ან მეტი ღირებულების ქონების სახელრიდ მიღებისას საშემოსალო გადასახადი გადაიხდის ექვემდებარება სასტატოში წესის მომდევნო წლის 1 აპრილამდე, რის შესახებაც აღნიშნული ფინიკური პარი ასევე ვადაში წარუდგენს დეკლარაციას საკადასტრო ორგანოს. აღნიშნული ვალდებულების შეესრულებლობა წარმოადგენს საკადასტრო სამართალდარღვევის, რაც აწვევს პასუხისმგებლობის საქართველოს საკადასტრო კოდექსის XVIII თავის მიხედვით.⁴

ამინაწერში გვეჩიკური ხარეგნის აღმზენის შემხვევამა, შესაძლებელია სარეგისტრაციო სასსახურში მოსიღის გარეშე, ელექტრონულად წარმოადგინოთ ცხებელება: <http://public.reestri.gov.ge> ან დაგეეკეამადეო: 25 15 27; 895 33 71 81; შესწორებული ამინაწერის მიღება შეეხადიით ვებ გვერდზე ელექტრონულად ასევე სარეგისტრაციო სასსახურში ან „სახიღხო ბანკს“ ნებისმიერ ფიღიღიღს.

Annex 3. Photo material



Spring on the right bank of "Telavi Khevi", from Saakadze street



The left bank of "Telavi Khevi", from Ketevan Tsamebuli street



Current condition of "Telavi Khevi" bed



Current condition of "Telavi Khevi" bed



Engineering Communications of "Telavi Khevi" bed



The left side of "Telavi Khevi", from Ketevan Tsamebuli street



The right side of "Telavi Khevi", from Saakadze street

Annex 4: Minutes of the public consultation meeting

January 21, 2015

Telavi, Georgia

Minutes of Public Consultation Meeting

Regional Development Project

Public Hearings on Natural and Social Environmental Management Plan for the SP of Rehabilitation of “Telavis Khevi” Existing on Ketevan Tsamebuli Street in Telavi

On January 21, 2015 public hearings were held on natural and social environmental management plan prepared for the Sub-Project of Rehabilitation of “Telavis Khevi” Existing on Ketevan Tsamebuli Street in Telavi. The meeting aimed at keeping local population abreast of sub-project related planned activities, the expected negative impact on the natural and social environment and the ways and means of preventing them.

Those present at the meeting:

Representatives of the Telavi Mayor’s Office: Giorgi Kurashvili, Davit Tsikaridze, Merab Zaalishvili and Zurab Arsenishvili.

Local residents: L. Mumaluri, Parnaoz Rominauri, Giorgi Shengelidze, Mariam Tsiskarishvili, Guram Papalashvili, Giorgi Chabrashvili, Giga Tushishvili, Giorgi Sosebashvili, Natia Chikvaidze, Lela Lekiasvili, Maia Piranishvili, Tsitsino Javakhishvili, Marian Tvalashvili, Tamaz Batiashvili, Davit Ninoshvili, Givi Tabarukishvili, Gogi Tatishvili, Nikoloz Sulkhanishvili, Davit Marashvili, Giorgi Sibashvili, Giorgi Choniashvili, Tamar Tamarashvili, Nana Javakhishvili, Meri Arjevanishvili

Representative of the Consulting Company Steget:

Giorgi Okruashvili

Representative of the Civil Works Contractor “Serpantini” LTD:

Giorgi Jejilashvili

Representatives of the Municipal Development Fund of Georgia:

Nino Patarashvili – Environmental Safety Specialist Tamar Kardava – Beneficiary Relations Specialist

Jugha Sikharulidze – Program Coordinator

The meeting was opened by Nino Patarashvili, who briefed the public on the sub-project objectives and construction activities planned under the project.

Nino Patarashvili gave a speech about purposes of the meeting and presented to the audience a Natural and Social Environmental Management Plan for the Sub-Project. She explained to the public social and environmental screening procedures applied for the WB funded SPs and environmental and social requirements of the presented SP. She discussed works planned under the Sub-project, social and environmental impacts expected as a result the SP activities and measures for mitigation of anticipated adverse impacts of the SP. She briefly noted that EMP forms integral part of the contract made with the civil works contractor and that the contractor is responsible for performance of mitigation measures envisaged under the EMP and protection of social and natural environment. N. Patarashvili informed the participants of the contact persons to be communicated by the population in case of existence of any complaints concerning environmental or social issues.

After the presentation, the audience was given a possibility to express their opinions and/or participate in Q&A session concerning presented issues, they posed the following questions:

Questions and remarks	Answers and comments
The public expressed their discontent regarding the fact that the project envisages only rehabilitation of the middle section of the canal, and noted that canal rehabilitation will not have positive outcomes in case if the respective measures are not carried out for rehabilitation of the entire “Telavis Khevi”.	Representatives of the Mayor’s Office clarified for the population that they agree with their suggestion and are interested in raising funds for the full rehabilitation of “Telavis Khevi”, they also stated that they are conducting negotiations and are carrying out various activities for timely solution of this problem.
Will the local populations be provided with employment opportunities?	The representative of civil works contractor told the public that the company is willing to employ locals, except for those specialist from the company with the requisite knowledge and experience of operating the construction machinery.
Will construction works cause damage to the trees existing along the canal?	The public received clarification stating that if the works require tree cutting, the contractor is obliged to agree this issue with the adequate service of the Telavi Mayor’s Office and further provide respective compensatory activities in accordance with the requirements of the same service.

At the end of the meeting the audience expressed their positive attitude towards the project and their hope that the road rehabilitation project will be completed in due time.

Photo material and copy of meeting participants' registration list are hereby enclosed.

Minutes prepared by Nino Patarashvili, MDF Environmental Safety Specialist.

January 21, 2015.

Photos



List of Participants

რეგიონული განვითარების პროექტი

ქ. თელავში ქეთევან წამებულის ქუჩაზე არსებული "თელავის ხევი"-ს რეაბილიტაციის ქვე-პროექტის

გარემოს დაცვის მართვის გეგმის საჯარო განხილვა

21 იანვარი 2015 წელი

შეხვედრაზე დამსწრეთა რეგისტრაციის ფურცელი

	სახელი, გვარი	ორგანიზაცია	საკონტაქტო ინფორმაცია	ხელმოწერა
1.	თამაზ ქარიაშვილი	ბ. გ. მ.	577 442-118 tkacidi.na@adg.org.ge	
2.	გიორგი აგხიაშვილი	ს. მ. მ. მ.	595 225702 gagitaaghashvili@shou.com	
3.	გიორგი აბოლოშვილი	პ. შ. შ. „ს. მ. მ. მ.“	599 486400 giorgijelashvili@yahoo.com	
4.	ლ. მუხომედი	ქ. მ. მ. მ.	555 227 25 5	
5.	მერი შ. მ. მ.	მ. მ. მ. მ.	27-18-33	
6.	გიორგი მ. მ. მ.	მ. მ. მ. მ.	577740640	
7.	გიორგი მ. მ. მ.	მ. მ. მ. მ.	558-48-24-80	

8.	Հիմնական	ՏՆԵԼՈՒՄԻՆ	55140-48-58	
9.	ԽՈՍՏ ԶԻՍՈՒՄԻՆ	Հ/Ե/ԱՄՈՒԽ	5995720-54	
10.	ՄԱՅԻՆ ԵՆԿՈՒՄԻՆ	ՀՅԵԼՈՒՄՈՒԽ	5774809-42	
11.	ՀՈՍՏ ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	5-91-677-55	
12.	ՀՈՍՏ ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	570-108-211	
13.	ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	568 02 20 63	
14.	ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	599108450	
15.	ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	591116511	
16.	ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	551930486	
17.	ԲՆԱԿԱՅԻՆ	ՏՆԵԼՈՒՄԻՆ	595970959	

ԽՈՍՏ ԶԻՍՈՒՄԻՆ ՎԵՐԿՆԱԿԱՅԻՆ 595970959
 ԵՆԿՈՒՄԻՆ ԵՆԿՈՒՄԻՆ 6516 ՏՆԵԼՈՒՄԻՆ
 ԲՆԱԿԱՅԻՆ ԵՆԿՈՒՄԻՆ ԵՆԿՈՒՄԻՆ 599-05-07-03
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18.	Համայնքի մշակույթի կենտրոն	Համայնքի կենտրոն	568 44 56 88	
19.	Ճեմարան	Ճեմարան	591314114	
20.	Համայնքի սպորտաբազա	Բնակավայրի մեծ համայնք	591-33-00-23	
21.	Վարչական կենտրոն	ՀՀ մարզպետի կենտրոն	595 91 93 43	
22.	Ճեմարան	ՀՀ մարզպետի կենտրոն	593 28 28 05	
23.	Համայնքի կենտրոն	ՀՀ մարզպետի կենտրոն	557 94 44 11	
24.	Ճեմարան	—	574400400	
25.	Համայնքի կենտրոն	ՀՀ մարզպետի կենտրոն	59995 27 27	
	Երևանի մարզպետի կենտրոն	Երևան	592272940	
	Երևանի մարզպետի կենտրոն	—	571871035	
	Երևանի մարզպետի կենտրոն	—	555-10-09-47	
	Երևանի մարզպետի կենտրոն	Երևան	27 24 67	