

Rehabilitation of Stadium in Khashuri (Khashuri Municipality)

Environmental and Social Screening and

Environmental Management Plan

WORLD BANK FINANCED SECOND REGIONAL AND MUNICIPAL INFRASTRUCTURE DEVELOPMENT PROJECT

Tbilisi, Georgia

June 2018

Environmental Screening

The sub-project (SP) envisages rehabilitation of stadium in town Khashuri. SP site with the cadastral code 69.08.53.023 (registered as ownership of Khashuri Municipality Self-government) is located in the central part of the city nearby the railway road. The stadium is neighboring river Suramula, local roads, and private houses as well.

The stadium consists of amortized and damaged playground as well we two amortized tribunes on the west and east. As a result of river Suramula flooding in 2011, the playground with its drainage system have been damaged. Considering this, to prevent flooding again, the rehabilitated playground and the tribunes will be built 0.95 meters higher.

According to the SP, the rehabilitated playground area will be 68X105 meters with the tribunes for 2011 spectators. Inner area will be 7140 m²; distance between football doors to the fence - 6 meters. The total fenced area of the stadium is 9360 m². The artificial grass cover of the playground will have drainage lines.

At the east of the stadium parking area, parking lot will be provided for 54 cars. Nearby the parking area, mini recreation zone will be arranged with pathways for the people before entering the tribunes. At the South, another parking will be arranged for 50 VIP parking places, for 2 buses and 3 places for people with disabilities. The stadium will have independent entrances for VIP guests, media and people with disabilities. As stated in the attached LSG letter, the registration process is currently ongoing of the area where the parking will be arranged, as the municipal property.

At the tribunes' areas three-storied buildings will be arranged. On the first floor, will be the following: 2 dressing rooms with showers and toilets, guards' room, conference hall, doctor's room, first aid room, interview's space, toilets for men, women and people with disabilities. The second floor of the building will have working room for media, platform for cameras and toilets. The third floor will serve security officers, internet servers and toilets for VIP spectators. The stadium will be connected to the central water supply, sewage and power supply system of the city Khashuri. Besides, two boilers will be arranged in the special room for hot water supply and for heating system. Additional generator will arranged as well for stadium lighting in case the power supply is stopped. Surface water collectors will be arranged in three different parts of the stadium: at the north, east and west (near tribunes).

(A) IMPACT IDENTIFICATION

Has sub-project a tangible impact on the environment?	The SP will have a modest negative environmental impact.
	The main impact will be related to the construction phase, which includes rehabilitation of existing old playground, installation of water supply, sewerage, power supply, ventilation, heating systems.
What are the significant beneficial and adverse environmental effects of sub-project?	The long term social impact will be beneficial as local community will be provided with new well design and comfortable stadium which is expected to be used for various levels of the championships, sport events, team practice sessions and the health improvement exercises.
	The expected negative environmental impact will have short-term character and will be typical for small-scale construction works in modified landscape: noise, dust, vibration, and emissions from the operation of construction machinery; generation of construction waste. The later impacts are related to the maintenance of the stadiums.
	The SP is located in the area with modified environment. Therefore the impact is transitory and insignificant (noise, emissions, construction waste, temporary disturbance of traffic and access, etc.).
	In operation phase proper management of generated solid waste should be ensured to reduce impact on the environment.
May the sub-project have any significant impact on the local communities and other affected people?	The SP is expected to have a long-term positive social impact through developing sports activities, engage local population especially local youth in sport events and support healthy life. Also, during construction works and in the process of the above-mentioned playgrounds operation, limited and temporary positive impact related to job opportunities for construction workers is expected. It will contribute to economic recovery.

Moreover, nearby the stadium there is a building (with
the cadastral code 69.08.53.900) which is under the
private ownership. Khashuri municipality has gained and
submitted to MDF written consent of the building owner
regarding the construction works which will take place at
the stadium area. The documents are attached to this
EMP.
Rehabilitation of the above-mentioned stadium will have
instant benefits for beneficiary with Improved local
infrastructure.
The stadium of city Khashuri is an asset of the Khashuri
Municipality The land plots are registered as municipal
property (Annex 1)
With the described above, the sub-project is not
characterized with any kind of negative social impact.

(B) MITIGATION MEASURES

Were there any alternatives to the	Due to the fact that the SP envisages rehabilitation and
sub-project design considered?	reconstruction of the existing stadium, no important
	alternatives have been considered.
What types of mitigation measures are proposed?	The expected negative impacts of the construction phase can be easily mitigated. The contractor will be responsible for the waste disposal at the permitted location, use the quarry materials from the licensed quarries only or obtain materials only from licensed providers, prevent water and soil from pollution (fuel spills due to equipment failure, concrete spills etc.,), avoid disturbance of population (noise, dust, emissions) through proper work/supplies scheduling, good maintenance of the construction machinery, and fulfill all the environmental obligations according to either Georgina legislation or WB policy.
What lessons from the previous	MDF has wide experience of implementation of medium
similar projects have been	and large-scale buildings, roads and streets
incorporated into the sub-project	rehabilitation financed by various donor organizations.
design?	Based on lessons, learned from previous similar projects,

	design envisages not only rehabilitation and reconstruction of the playgrounds but also arrangement the infrastructure that is adapted for the people with disabilities.
Have concerned communities been involved and have their interests and knowledge been adequately taken into consideration in sub-	The SP has been developed by the Khashuri Municipality in consultation with the Sakrebulo and as a response to the current situation.
project preparation?	Population of the town were consulted by Khashuri municipality administration and their interest has been taken into consideration in preparation process of the SP. As of the letter (attached to this ESMP) from the LSG of 11 May, 2018, local people have requested rehabilitation of the central stadium of the city. Public consultation meetings were held on 23.03.2017 and 05.04.2017, where the people put their request.
	Public consultation meeting of the ESMP will be held by MDF and Khashuri Municipality with the interested persons and local population prior to the tendering procedures.

(C) RANKING

The SP 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)	~	
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?		~
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 infrastructure (such as ancillary facilities, fence, canal, granaries, outside toilets and kitchens, etc.)?		V
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			

Site of the stadium is registered as owned by Khashuri Municipality. All the cadastral information is attached. Nearby the stadium there is a building (with the cadastral code 69.08.53.900) which is under the private ownership. Khashuri municipality has gained and submitted to MDF written consent of the building owner regarding the construction works which will take place at the stadium area. The documents are attached to this EMP.

Environmental Management Plan

PART A: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE		
Country	Georgia	
Project title	SECOND REGIONAL AND MUNICIPAL INFRASTRUCTURE	
	DEVELOPMENT PROJECT	
Sub-Project title	Rehabilitation of Stadium in Khashuri (Khashuri Municipality) Sub-	
	Project	
Scope of site-specific activity	The sub-project (SP) envisages rehabilitation of stadium in town Khashuri. SP site with the cadastral code 69.08.53.023 (registered as ownership of Khashuri Municipality Self-government) is located in the central part of the city nearby the railway road. The stadium is neighboring river Suramula, local roads, and private houses as well.	
	The stadium consists of amortized and damaged playground as well we two amortized tribunes on the west and east. As a result of River Suramula flooding in 2011 the playground with its drainage system have been damaged. Considering this, to prevent flooding again, the rehabilitated playground and the tribunes will be built 0.95 meters higher.	
	According to the SP design, the rehabilitated playground area will be 68X105 meters with the tribunes for 2011 spectators. Inner area will be 7140 m ² ; distance between football doors to fence - 6 meters. Total fenced area of the stadium is 9360 m ² . The artificial grass cover of the playground will have drainage lines.	
	At the east of the stadium, parking lot will be provided for 54 cars. Nearby the parking area, mini recreation zone will be arranged with pathways for the people before entering the tribunes. At the South, another parking will be arranged for 50 VIP parking places, for 2 buses and 3 places for people with disabilities. The stadium will have independent entrances for VIP guests, media and people with disabilities.	
	At the tribunes' areas three-storied buildings will be arranged. On the first floor, will be the following: 2 dressing rooms with showers and toilets, guards' room, conference hall, doctor's room, first aid room, interview's space, toilets for men, women and people with disabilities. The second floor of the building will have working room for media, platform for cameras and toilets. The third floor will serve security officers, internet servers and toilets for VIP spectators. The stadium will be connected to the central water supply, sewage and power supply system of the city Khashuri. Besides, two boilers will be arranged in the special room for hot water supply and for heating	

	system. Additional gener	ator will a	arranged as v	well for stadium lighting
	in case the power supply	y is stopp	ed. Surface	water collectors will be
	arranged in three differen	nt parts o	f the stadiur	n: at the north, east and
	west (near tribunes).			
Institutional arrangements (WB)	Task Team Leader	·:	Safe	guards Specialist:
	Joana Mclean Mas	Joana Mclean Masic		rejan Kapanadze, nmental Safeguards Specialist;
			Social S	David Jijelava, Safeguards Specialist
Implementation arrangements (Borrower)	Implementing entity: Municipal Development Fund of Georgia	Works s Con compa Serv Ingen S	supervisor: Isulting Any Eptisa Iicios de Iieria S.L. pain	Works contractor: (TBD)
SITE DESCRIPTION				
Name of institution whose premises are to be rehabilitated	Khashuri Municipality Se	lf-Govern	iment	
Address and site location of institution whose premises are to be rehabilitated	Tabidze street 2, 5700, K Tel: (+995 368)24 13 43 E-mail: <u>khashurimunicipa</u> Web-site: <u>http://www.kk</u>	hashuri, (ality@gm nashuri.or	Georgia <u>ail.com</u> rg.ge/ge/	
Who owns the land? Who uses the land (formal/informal)?	The Khashuri Stadium is plot is registered as mun	the asse icipal pro	t of Khashur perty.	i Municipality. The land
Description of physical and natural environment around the site	Khashuri is a town in e Khashuri municipality.	astern Ge	eorgia and a	administrative center of
	The town is located at 59 capital Tbilisi. Khashuri i humid climate with hot s temperature is 9, 7° Hydrological network con Tiliana. According to the contested with 26135 pe Access to the SP site Highway.	0 meters is charact summer a 'C. Preci ncludes r informat erson. Tov is possil	above sea le terized with and cold win pitation he ivers: Suram ion from 202 wn is mostly ple through	vel, 134 kilometers from moderately warm and ter. The average annual ere averages 644 mm. ula, Satibe, Tseratkhevi, 14, town population was settled with Georgians. Tbilisi-Senaki-Leselidze
	Citizens of Khashuri are of s32 public schools and 1	employed 13 presch	d in private a ool institutio	and public sector also. It on.

	Stadium to be rehabilitated within the SP is located in the center of the	
	town.	
Locations and distance for material sourcing, especially aggregates,	Water will be available at the construction site from the municipal water supply system.	
water, stones?	Distance to the nearest licensed borrow pit is approximately in 5-7 km radius.	
	Distance to the nearest official landfill is 3.5 km. The landfill is located at Gorgasali street. Municipal waste in the city is managed by "Khashurservice" which is a licensed landfill of the LLC "Solid Waste Company of Georgia". The landfill also receives construction waste	
	company of Georgia . The landing also receives construction waste.	
National & local legislation & permits that apply to project activity	The SP has been classified as low risk Category B according to the WB policies and the ESMF.	
	The SP proposal has been officially presented to the MDF by local municipality for financing and represents the need and priority of the Municipal Government according to common demands.	
	Georgian legislation does not require any type of environmental review, approval, or permitting for the SP. Though according to the national regulatory system:	
	(i) construction materials must be obtained from licensed providers,	
	(ii) if contractor wishes to open quarries or extract material (rather than purchasing these materials from other providers), then the contractor must obtain licenses for extraction,	
	 (iii) if contractor wishes to operate own concrete plant (rather than purchasing these materials from other providers), then the contractor must prepare technical report on inventory of atmospheric air pollution stationary sources and agree with the Ministry of Environment Protection and Agriculture of Georgia; 	
	(iv) Permanent placement of the inert material (cut ground and sedimentary soil) generated in the course of earth works in a selected location must be approved by local (municipal) governing bodies in written	
	(v) Construction waste must be disposed on the official local landfills with written agreement with the relevant responsible bodies (local (municipal) governing bodies and Solid Waste Management Company of Georgia).	
	 (vi) If over 200 tons of non-hazardous waste or over 1000 tons of inert materials or over then 120 kg of hazardous waste is generated annually (calculation apply to a calendar year) as a result of contractor's general activities, they shall prepare and cause the Ministry of Environment Protection and Agriculture of Georgia to approve the Inventory of 	

	Waste and Waste Management Plan for the Company,		
	appoint an environmental manager, and submit an		
	Information on his/her identity to the Ministry of		
	accordance with requirements of the Waste Code of		
	Georgia		
	(vii) The contractor must fulfill all other requirements		
	enshrined either in Georgian legislation or in WB policy.		
	Copies of extraction licenses (if applicable), permits for operating		
	concrete plant (if applicable) and waste disposal permits will be		
	attached to this EMP once the contractor is selected and mobilized to		
	the works site.		
	GOST and SNIP norms must be adhered.		
GRIEVANCE REDRESS MECH			
Appropriate grievance redre	ess mechanism was established to solve grievances of Project-Affected		
Head of Infrastructure Service	People, as required. Khashuri Municipality has assigned a responsible person – Giorgi Papiashvili,		
and react to the APs grievances (Tel: 599 57 74 80; email: georgenanisshvili26@gmail.com, N2			
Tabidze Street, city of Khashuri).			
The contact person from the MDF is Nutsa Gumberidze (Tel: +995 598 88 20 19, <u>feedback@mdf.org.ge</u> , 150 Davit Aghmashenebeli ave., 3 rd floor, 0112 Tbilisi, Georgia)			
If the grievance will not be u	all received compliances, comments and how the compliance was		
addressed During public co	an received compliances, comments and now the compliance was		
redress process and receive	information about contact persons		
When / where the public	Public consultation meeting will be held by MDF and Khashuri		
consultation process will	Municipality with the interested persons, local population, and prior		
take /took place	to the tendering procedures.		
ATTACHMENTS			
Attachment 1: Site location,	cadastral information, photos and a sketch of the new building.		
Attachment 2: Documents of public consultation (to be provided)			
Attachment 3: Agreements, p	permits, licenses (to be provided)		

PART B: SAFEGUARDS INFORMATION

ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following?	Activity/Issue	Status	Triggered Actions
	A. Rehabilitation	Yes [] No	See Section A below
	B. New construction	[] Yes No	See Section A below
	C. Individual wastewater treatment system	[] Yes No	See Section B below
	D. Historic building(s) and districts	[] Yes No	See Section C below
	E. Acquisition of land ¹	[] Yes No	See Section D below
	F. Hazardous or toxic materials ²	[] Yes No	See Section E below
	G. Impacts on forests and/or protected areas	[] Yes No	See Section F below
	H. Handling / management of medical waste	[] Yes No	See Section G below
	I. Traffic and Pedestrian Safety	Yes [] No	See Section H 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

ΑCTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST	
0 . General Conditions	Notification and Worker Safety	 (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 Air Quality Rehabilitation and /or Construction Activities		 (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	 (a) Limit activities to daylight working 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 is not allowed. Proper mufflers will be used on machinery. 	
	Water Quality	 (a) Contractor will be required to organize and cover material storage areas and to isolate wash down areas from watercourses by selecting areas that are not free draining into any watercourse. 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) 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. (d) 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 minimized. 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. (e) 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. 	

	(f)	Wet cement and/or concrete will not be allowed to enter any watercourse, pond or ditch.
Waste management	(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
	(0)	Construction waste will be collected and disposed properly on the agreed location
	(d)	The records of waste will be collected and disposed property on the agreed location.
	(u) (_)	Burning of waste on the SD site is forbidden
	(C) (f)	Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)
	(.)	
Material supply	a)	Use existing plants, quarries or borrow pits that have appropriate official approval or valid operating license.
	b)	Obtain licenses for any new quarries and/or borrowing areas if their operation is required;
	C)	Reinstate used sections of quarries and/or borrowing areas as extraction proceeds on or properly close quarries if
	٦.	extraction completed and license expired;
	a)	Obtain wood materials only from licensed suppliers.
	e)	contractor will be required to submit to the MDF copies of the incenses, permits, written agreements, certificates, etc. to
	f)	Haul materials in of neak traffic hours:
	י) ס)	Place speed regulating diverting and warning signs for traffic as appropriate
Farthworks	a)	Tonsoil should be stripped, before starting of earthworks:
Lartinority	b)	Proper topsoil storage practice should be applied to ensure to maintain physical-chemical and biological activity of the
	- /	soil; Temporary protective silt fencing should be erected to avoid erosion (wash down);
	c)	Stored topsoil should be used for reinstatement and landscaping.
	d)	Topsoil from the sites, which will not be reinstated to the initial conditions will be distributed carefully on the
		surrounding area.
	e)	Topsoil will be reinstated separately from subsoil, with care taken to avoid mixing of the materials. The topsoil
		reinstatement will be sufficient to restore the fertile depth to the initial conditions as judged by the topsoil strip during
		visual observation and comparison of the reinstated site and adjacent land. When replacing the topsoil Contractor will
		program the works such that the areas furthest away from the stockpiles are reinstated first with reinstatement getting
		progressively closer to the stockpiles, thus reducing the number of vehicle movements over the reinstated topsoil. The
		reinstated topsoil will then be harrowed, where practical, to protect the stability and promote vegetative growth.
	f)	In case chance find is encountered in the course of earth works, the contractor must immediately stop any physical
		activity on site and informs the MDF. The MDF promptly notifies the Ministry of Culture and Monument Protection,
		which takes over responsibility for the following course of action. Works may resume only upon receipt of written
		permission from the Ministry of Culture and Monument Protection.

H Traffic and	Direct or indirect	(a) In compliance with national regulations the contractor will insure that the construction site is properly secured and construction			
Pedestrian Safety	hazards to public traffic and pedestrians by construction	 related traffic regulated. This includes but is not limited to 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 			
	activities	 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. 			

PART D: MONITORING PLAN

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?)
		CONSTR	UCTION PHASE			
Supply with construction materials	Purchase of construction materials from the officially registered suppliers	In the supplier's office or warehouse	Verification of documents	During conclusion of the supply contracts	To ensure technical reliability and safety of infrastructure	MDF, Construction supervisor
Transportation of construction materials and waste; Movement of construction machinery	Technical condition of vehicles and machinery; Confinement and protection of truck loads with lining; Respect of the established hours and routes of transportation	Construction site	Inspection	Unannounced inspections during work hours and beyond	Limit pollution of soil and air from emissions; Limit nuisance to local communities from noise and vibration; Minimize traffic disruption.	MDF, Construction supervisor, Traffic Police
Earthworks	Temporary storage of excavated material in the pre- defined and agreed upon locations; Backfilling of the excavated material and/or its disposal to the formally designated locations; In case of chance finds immediate suspension of works, notification of the Ministry of Culture and Monument Protection, and	Construction site	Inspection	In the course of earth works	Prevent pollution of the construction site and its surroundings with construction waste; Prevent damage and loss of physical cultural resources; Prevent topsoil losses.	MDF, Construction supervisor

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?)
Sourcing of inert	resumption of works exclusively upon formal consent of the Ministry. Topsoil is striped before starting of the earthworks; Proper topsoil storage practice is applied; Temporary protective silt fencing is erected; Striped topsoil is used for reinstatement and landscaping.	Borrowing areas	Inspection of	In the course of	Limiting erosion of	MDE
material	existing suppliers if feasible; Obtaining of extraction license by the works contract and strict compliance with the license conditions; Terracing of the borrow area, backfilling to the exploited areas of the borrow site, and landscape harmonization; Excavation of river gravel and sand from outside of the water stream, arrangement of protective barriers of gravel		documents Inspection of works	material extraction	slopes and degradation of ecosystems and landscapes; Limiting erosion of river banks, water pollution with suspended particles and disruption of aquatic life.	Construction supervisor

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?)
	between excavation area and the water stream, and no entry of machinery into the water stream.					
Generation of construction waste	Temporary storage of construction waste in especially allocated areas; Timely disposal of waste to the formally designated locations	Construction site; Waste disposal site	Inspection	Periodically during construction and upon complaints	Prevent pollution of the construction site and nearby area with solid waste	MDF, Construction supervisor
Traffic disruption and limitation of pedestrian access	Installation of traffic limitation/diversion signage; Storage of construction materials and temporary placement of construction waste in a way preventing congestion of access roads	At and around the construction site	Inspection	In the course of construction works	Prevent traffic accidents; Limit nuisance to local residents	MDF, Construction supervisor
Workers' health and safety	Provision of uniforms and safety gear to workers; Informing of workers and personnel on the personal safety rules and instructions for operating machinery/equipment, and strict compliance with these rules/instructions	Construction site	Inspection	Unannounced inspections in the course of work	Limit occurrence of on- the-job accidents and emergencies	MDF, Construction supervisor
Completion of construction	Excess materials and waste are removed from the territory	Construction site and camp	Inspection	After the completion of construction	Prevent pollution of the construction site and nearby area	MDF, Construction supervisor

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?)
		OPER	ATION PHASE			
Management of generated waste from maintenance of rehabilitated playgrounds	Proper management of solid waste	Municipal area	Inspection	Throughout operation of the playgrounds	Prevent pollution with solid waste	Khashuri municipality
Disruption of traffic and pedestrian access during maintenance works	Scheduling of maintenance works in at less busy hours and proper signage of maintenance area	Municipal area	Inspection	Throughout operation of the sites	Minimize nuisance to local residents	Khashuri Municipality
Servicing of water supply and sewage schemes	Water supply scheme does not leak and water supply uninterrupted Sewage system operate smoothly	Rehabilitated facilities	Inspection	During operation of facilities	Prevent water loss and water logging of the site Prevent pollution of surface and ground water with untreated sewage	Khashuri municipality
Pedestrian safety	Installation of speed minimizing barriers in appropriate areas Improving the road signs and road markings	Total length of the road	Inspection	As needed	Because of the increased speed of the traffic movement strengthening the safety of pedestrians	Khashuri municipality



Annex 1: Site location, cadastral information and pictures





Letter from Khashuri Municipality		Written Consent of the SP Site neighbor		
സ്റ്റ് bാშურის მუნიციპალიტეტი bაშურის მუნიციპალიტეტი bაშურის მუნიციპალიტეტის მერი Khashuri Municipality Khashuri City Hall	55	ხაშურის მუნიციპალიტეტის მერს გატონ გიორგი ვურასპაშვილს მისამართი <i>სა 21 ი</i>		
	KA990115885096618	000 <u>595 140 440</u>		
№ 07/3974 № 07/3974 ფონდის დი მის:თბილი	12 / აპრილი / 2018 წ. ციპალური განვითარების რექტორს ბ-ნ გაგი ბუაძეს ისი, დ. აღმაშენებლის 150	835803033 2012 6 d 2 sthad d 27/26.23 5 about Jusseddel 2240 m Jon bord aralle 26 light big a by the Shippon for for ling to my a shi angla light and Shippon for the start shippon by a stall by and by fyrout a start shippon a		
ბატონო გაგი, გეგზავნებათ, ხაშურის ცენტრალური სტადიონის მომიჯნავე შენ მესაკუთრის შოთა კახიშვილის (პჩ: 57001022278) წერილობითი თანხ ასფალტობეტონის საფარის მოწყობასთან დაკავშირებით. ასვედ დამატე შუნიციპალიტეტის შერია უზრუნველყოფს კომუნიკაციების (წყალი, კანალი პარიწეტად დარეკისტრირებას. რაც შეეხება, სტადიონის დემონტაც გათვალისწინებული პროცედურების გავლის შემდგომ. აღნიშნულ სამუშ განახორციელებს 2018 წლის ივლისის ბოლოს-აგვისტოს პირველ დეკადაში. დანართი: 1 ფურცელი. პატივისცემით,	ობის (ნაკვეთის(ს/კ:69.08.53.900) პობა, მიმდებარე ტერიტორიაზე პით გაცნობებთ, რომ ხაშურის ააცია, ელენერქია) დაერთებას და ს საკითხს კანონხდებლობით აოებს მუნიციპალიტეტის შერია			
ხაშურის მუნიციპალიტეტის შერი	ბ იორგი გურასპაშვილი	განმებადებელი		

Letter from Khashuri Municipality						
5/11/2018	ხაშურის მერია					
	ხაშურის მუნიციპალიტეტი ხაშურის მუნიციპალიტეტის მერია Khashuri Municipality Khashuri City Hall	1 2 2 2 2 C				
		KA990185139487418				
№ 07/4998		11 / მაისი / 2018 წ.				
	სსიპ "საქართველოს მუნიციპალ ფონდის" აღმასრუ ბატონ	იური განვით არების ლებელ დირექტორს iგალ აქტიონ ბუაძეს				
ბატონო გალაქტიონ საფეხბურთო წრ მოთხოვნის გათვალისწინემ საფეხბურთო სტადიონის რ მშენებლობის პროექტები, სისტემების მიყვანა/რეაბი; სტადიონის მიმდებარედ მიმდინარეობს სტადიონის პროცედურა, რომელიც განკ	 ეების წარმომადგენელთა და ფეხბურთის მრავალრიც ით ხაშურის მუნიციპალიტეტის მერიას განსაზღვრული აქ ეაბილიტაცია. პროექტის განსახორციელებლად უკვე შემურ ასევე ჩვენი მალისხმევით მოხდება დენის, გაზის, წ ლიტაცია; მიმდინარე წელს, სავარაუდოდ სექტემბრი განხორციელდება მდ. სურამულას ნაპირსამაგრი კედღ ა მიმდებარედ არსებული დაურეგისტრირებელი მიწის უთვნილია ავტომანქანების პარკირებისთვის. 	ენოვან გულშემატკივართა (ვს ნაშურის ცენტრალური მავებულია დემონტაჟის და ყლის და საკანალიზაციო ის თვიდან, საფეხბურთო ღის ჩასხმა/რეაბილიტაცია; ნაკვეთის რეგისტრაციის				
პროექტის უზრუნველყოფს სტადიონ ობიექტის შემდგომ მოვლა-პ	ფარგლებში მშენებლობის დასრულების შემდგომ ხაშური! ის ადმინისტრაციისთვის საოფისე ფართის შესაბამისი (აატრონობას,	ა მუნიციპალიტეტის მერია ინვენტარით აღჭურვას და				
თანამედროვე სტა ტრადიციეზის აღდგენას; ად მოტივაციის და პროფესიუ მქონე ადამიანეზისთვის ჯან ათასი), ასევე სტადიონის ტე	თანამედროვე სტანდარტების მქონე საფეხბურთო სტადიონის არსებობა უზრუნველყოფს საფეხბურთო ტრადიციების აღდგენას; ადგილობრივი საფეხბურთო გუნდისთვის და სამწვრთნელო შემადგენლობისთვის მეტი მოტივაციის და პროფესიული განვითარების შესამლებლობას; სხვადასხვა ასაკის, სქესისა და კვალიფიკაციის მქონე ადამიანებისთვის ჯანსაღი ფიზიკური ცხოვრების წესის პოპულარიზაციას (არაპირდაპირი ბენეფიციარი 35 ათასი), ასევე სტადიონის ტერიტორია ქალაქის სოციალურ-ეკონომიკური აქტივობის ადგილი გახდება.					
დანართი: მოსახლ	ეობის გამოკითხვის შედეგები (35 ფურცელი)					
პატივისცემით,						
http://kancelaria.cloud.gov.ge/nomfiles	erver//GetFile?file_id=00827230699126538248&obj_name=A&OnlySessNam	ne=nom_user_sess_&SessValue=q4HPVrJ				

Minutes of public consultation meeting with the local people – 23.03.2017	Minutes of public consultation meeting with the local people – 05.04.2017
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ქ.ხაშურის ადმინისტრაციულ ერთეულში გამგებლის წარმომადგენელი: ბექა მაისურა <i>ბე / ბ. ჭოსერაძე / /</i> თარიღი: Ջ.3.03.2017 ,	ქ.ხაშურის ადმინისტრაციულ ერთეულში გამგებლის წარმომადგენელი: ბექა მაისურაბე /ბ. მაისურა ძ ე / თარიღი: 05.04.2014







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Annex 2: Documents of public consultation (to be provided)

Annex 3: Agreements, permits, licenses (to be provided)