LOCAL AND REGIONAL COMPETITIVENESS PROJECT

ENVIRONMENTAL & SOCIAL MANAGEMENT PLAN CHECKLIST

Sub Project:

„VISITOR CENTER VEVCHANI - ONE CENTER ONE TOURISM PRODUCT “

MARCH 2020

MUNICIPALITY OF VEVCHANI

Vevchani, 6335 Vevchani

A) INTRODUCTION

Local and Regional Competitiveness Project (LRCP) is a investment operation, supported by European Union using funds from IPA II earmarked to competitiveness and innovation in N. Macedonia. LRCP is managed as a Hybrid Trust Fund and consist of four components, executed by the World Bank and the Government of N. Macedonia. The Project will provide investment funding and capacity building to support sector growth, investment in destinations and specific destination prosperity. At the regional and local levels, the Project will support selected tourism destinations in the country through a combination of technical assistance to improve destination management, infrastructure investment and investments in linkages and innovation. The investments will be undertaken through a grant scheme for the regional tourism stakeholders such as municipalities, institutions, NGOs and private sector.

This Environmental and Social Management Plan (ESMP) Checklist has been prepared for activities carried out under the „Visitor Center Vevchani - One Center One Tourism Product“ Project. The ESMP Checklist presents the project description, technical details, scope, setting and location based on which it assesses environmental and social risks. Implementation of mitigation measures addressing the identified risks and issues as well as monitoring plan defined in the ESMP Checklist is mandatory as is compliance with the national environmental and other regulation, and WB operational policies.

1. Short description of the subproject

The main purpose of the subproject „Visitor Center Vevchani - One Center One Tourism Product“is to support Municipality of Vevchani in rehabilitation of the abandoned old building in the center of Vevchani and adapt it into a modern visitor center.

The overall objective of this subproject is Vevchani to became desirable destination that truly fits the tourist needs, based on sustainable destination management principles, where the tourism will have high contribution to local economic development and new job opening, a destination which tourists knew that exist, make successful reservations, have good experience and are ready to make reservation again or to recommend the destination to other.

The subproject includes rehabilitation and adaptation of the old and abandoned school building into a visitor center. In the visitor center, tourists and visitors will have access to information for all-natural rarities and beauties of the municipality, to have access to public toilet, free internet, visit the museum etc. In this visitor center, tourist will have opportunities to meet most of their need in the destination.

As an object for vital importance for the local inhabitance, the building will keep its outdoor shape and appearance (no physical expansion of the building will take place and its dimensions will remain the same). In the object new functions will be organized in order to enrich the tourism offer in the destination.

Even the abandoned old school building has been built in 1948 year, the site is not protected as a cultural heritage. This means that in the process of rehabilitation and

adaptation special permits provided by the responsible public Institute for protection of the cultural monuments and Museum Ohrid, are not required.

The building is already connected to the local sewage and water supply system. For that reason, any further works for connection the site to the local sewage network and providing access to portable water are not necessary.

Contently, the object will be adapted to a multifunctional facility in the field of tourism and will be a serious impact to the improvement of the tourist offer in the municipality of Vevchani.

Reconstruction and adaptation of the old and abandoned school building into a visitor center includes:

- Preparatory works (Removal of tiles of the roof (323,00 m^2), transport to legal landfill, removal of gullies, parquet and ceramic tiles, old wooden and metal windows and doors),
- Concrete works (Building of foundation tracks, slabs and stairs),
- Reinforcement works (Procurement, transportation, cutting, twisting and installation of armature according to the static calculation in the technical documentation),
- Carpentry and locksmith works (Production and installation of PVC windows and doors, door for evacuation, production and setting of aluminum fences),
- Masonry works (Building partition walls and molding interior walls and ceiling)
- Insulating works (hydro insulation of reinforced concrete plate /, and insulation of the sanitary nodes with three coatings from two-component waterproofing mass on cement base),
- Floors (Supply of material, transport and manufacturing of high-quality, multilayer elastic sport PVC floor above the cement layer d=5cm),
- Ceramics works (Covering of walls with ceramic tiles 120,00m^2), setting of floor ceramic tiles in, sanitation and other accommodations that are used by visitors (185,00 m^2). The tiles should be covered by anti-slip porcelain),
- Painting (Refurbishment of walls and painting with color on the inside, color and tone are to be chosen by the investor 4 920,00 m^2),
- Roof works (Construction of a wooden roof construction on the steel profiles sub construction, and covering of the roof construction with plasticized sheet metal d=0,8mm),
- Tinsmith works (supply, transport and installation of envelope tin, gutters, downpipes and similar from tin platted steel and PVC plated steel),
- Facade works (Reconstruction of the existing site facade from styrofoam d=10 cm),
- Electro technical installations (Setting of AC switchboard, power cables, interior lightning and plugins, telephone and communication installation, fire detector and alarm system, radio and TV installation, lighting and grounding installation),
- Mechanical works (According to the technical documentation for the mechanical equipment and installation for heating and cooling the interior of the tourism center facility, the mechanical works include installing equipment and materials for cooling the building with an air conditioning devices, equipment for the ventilation of toilets, installation of new equipment and materials for central heating and equipment installations of the boiler room)

In order to meet the interior heating needs, central heating will be reinstalled in all rooms of the building. Within the basement, location is provided to install a boiler which will use liquid fuel (heating) oil. Due to the sheer size of the building and in accordance to mechanical works detail design, the boiler needs to be outfitted with a tank with a heating oil capacity of V=10m^3. Excluding the works on installation of the underground fuel tank outside of the facility, installation of all materials, equipment, civil works for rehabilitation and installations are within the facility.

The fuel tank will be placed outside of the future tourism center building in the same cadastral parcel, next to the facility. The fuel tank will be cylindrical, horizontal and waterproofed. The tank will be placed in a concrete bed, fully dug. For the placement and installation of the fuel tank following preparatory works have to be realized: excavation and then construction and laying of a concrete foundation followed by the water system installation. The planned placement of the reservoir will be constructed with a wall made of rebar columns, rebar beams and a rebar fence.

The fuel from the tank to the main boiler will be transmitted with a filing pipe that will be placed in an underground canal. For this purpose, a channel of topsoil, primarily made of clay, will be excavated from the parcel of land, followed by the installation of an inlet pipe on which the clay and soil will be relayed and compacted down.

During the realization of the works, in order to meet the required technical standards and conditions for installation of the reservoir, municipality of Vevchani together with the supervisor of the mechanical works determined final micro location for the reservoir placement. Municipality of Vevchani prepared special technical documentation (mechanical detail design) for the installation of the underground reservoir and obtained agreement for the proposed location from the relevant authority The Department of Ministry of Interior Ohrid

The installation works will be overseen and approved by the supervising engineer for works (including mechanical works). The contractor engaged by LRCP and the Municipality of Vevcani will be required to meet all detail design and national legal requirements for the installations of equipment in the aforementioned parcel identified by the municipality of Vevcani. Ohrid Department of Ministry of Interior Ohrid has approved the blueprint of site for the installation of the underground reservoir. Installation of the fuel (heating oil) reservoir (tank) will be in all in accordance with technical documentation (detail design) prior consent of Ministry of Interior, Law on storage and protection from flammable liquids and gases ("Official gazette of the RM" No 15/76, 51/88, 19/90, 12/93, 66/07 and 130/08) and Rulebook on installation and storage of heating oil ("Official gazette of the SFRY" No 45/67);

Except small infrastructural activities for reconnection of the facility to the existed water supply and sewage network within the construction site, excavation of the underground channel to allow the placement of the main fuel tubes from and to the tank, and the excavation and installation of the fuel tank itself, no additional earthworks will be performed out of the construction site and to the public water supply and sewage system.

No interventions to the public water supplying and sewerage network or works on the municipal network outside the building's boundaries will be done as a part of the project activities.

All of the work to be performed in accordance with the building norms together with supply and installation of the material, involving cleaning and transport of the building waste. There is no asbestos in roofing or walls, lead paint, CFLs. In the newly opened visitor center there will be adated as a congress zone with aim to provide space for organizing

various seminars, workshops and other cultural events. Congress zone will bring new category of tourists in the destination.

For this purpose, following equipment will be supplied: conference chairs, ordinary chairs, desks and tables, podium table, projector with projection screen, flipchart tables, TVs, flowerpots, wallboards and frames for exhibitions etc.

The concept of the visitor center is to provide space for the visitors and tourists where they will be fully served with information about the cultural and natural rarities of the municipality and the region - the Jablanica flora and fauna, the Monument of Nature "Vevchani Springs", the Vevchani Carnival, the International Art Colony "Vevchani Memories, ethnology, old profane and sacral architecture in Vevchani, etc., for which special exhibition and museum premises will be provided in the building itself. No artefacts and/or museum exhibits (items) will be purchased through „Visitor Center Vevchani - One Center One Tourism Product“ Project. Implementation of the subproject will solve several current problems that faced municipality of Vevchani as: limited service culture in the destination, information and capacity for guiding in the destination, lack of online and instant marketing for the destination.

The subproject „Visitor Center Vevchani - One Center One Tourism Product“ has three components: (i) Rehabilitation and adaptation of the abandoned municipal building in the city center into competitive Visitor Center; (ii) Purchase and installation of equipment and functional arranging of the Visitor center; (iii) Designing, printing and publishing printed and electronic promotional materials and online marketing for the destination.

Taking into account the structure of three subproject components, only the first component has potential for negative impact on the environmental. Some waste is expected to be generated from the component (ii), and non-environmental impact is expected to be generated from the component (iii).

2. Environmental category

LRCP is supported by European Union grant and implemented jointly by Cabinet of the Deputy Prime Minister for Economic Affairs, as the implementing agency of funds, and the World Bank. LRCP has been classified as Category B project, meaning some level of adverse impact can be expected as a result of its implementation, but none of them significant, large-scale or long-term. As a result of this classification OP 4.01 Environmental Assessment is triggered. Subsequently, the CDPMEA prepared Environmental and Social Management Framework (ESMF) to guide environmental due diligence of sub-projects supported through the Component 3 grant scheme, define eligibility and procedures for screening and environmental assessment. All project (and sub-project) activities must be implemented adhering with the ESMF, WB operational policies and procedures and national regulation (the strictest one prevails).

A proposed sub-project is classified as Category B- due to the fact that its future environmental impacts are less adverse than those of Category A and B+ sub-projects taking into account their nature, size and location, as well as the characteristics of the potential environmental impacts.

The category would require an ESA to assess any potential environmental impacts associated with the proposed sub-project, identify potential environmental improvement opportunities and recommended any measures needed to prevent, minimize and mitigate adverse impacts. The scope and format of the ESA will vary depending on the sub-project, but will typically be narrower than the scope of ESIA, usually in form of ESMP. The scope of ESMP is defined in Sub-Section G from Full Applications Form and in Annex D of the ESMF. For the sub-projects involving simple upgrades, rehabilitation or adaptation of the buildings, ESMP checklist would be used (template given in Annex F of the ESMF).
B- Category would include sub-projects that also: (a) involve working capital loans which include purchase and/or use of hazardous materials (e.g. petrol) or (b) process improvements that involve purchase of equipment/machinery presenting a significant potential health or safety risk.

According to Macedonian laws, types of sub-projects that fall under category B- do not require EIA.

3. Overview of potential environmental impacts

The environmental impacts of the project are expected to be of manageable, easy to envisage, temporary and of local impact for both types of activities; (i) Rehabilitation and adaptation of the old building might produce typical construction related adverse impacts: dust, noise and vibration due to demolition and construction, management of demolition construction wastes, generation of small quantities of hazardous wastes e.g. due to accidental spillage of machine oil, lubricants, fuel and other hazardous substances, residual coatings and contaminated packaging, and potentially traffic disturbance; (ii) Purchase and installation of equipment for the visitor center might produce non hazardous wastes (paper, cardboard, plastic and other synthetic materials) because of the equipment out boxing (packaging wastes).

During the implementation of the sub-project, the following impacts may occur:

- Impacts during the construction
  - Possible negative safety and health impacts on the population, drivers and workers (local impacts limited to the locations of rehabilitation of old school building, present only in implementation phase) due to:
    - Lack of security and safety measures at the during rehabilitation works,
    - Injury occurred on or near the site of works (e.g. due to lack of protection clothes or equipment, or other safety shortcomings),
    - Non-compliance with safety standards and work procedures,
    - Inadequate traffic management and pedestrian safety.
  - impacts from the generation of waste, primarily construction waste. These impacts are local (possibly regional depending on the management and final disposal/processing location), limited to the location of the reconstruction site.
  - impact on air quality due to the location of the building (in the central part of the settlement), due to:

- emissions of dust from transport of materials, materials management and civil works,
- exhaust fumes from working machinery and vehicles, and traffic

  - impact on water flows and soil near the project site (location), from accidental spillage leaks and improper construction and hazardous waste management
  - impact of noise and vibration during rehabilitation works

- Impacts during the equipment installation
  - Possible impacts from the generation of waste, primarily cardboard, paper and plastic waste
  - impacts of noise and vibration during the equipment installation

- Impacts during the exploitation of the object

For the exploitation phase the identified impacts as a result of the operation of the object are the following:

  - impact with the generation of waste during the facility's exploitation (if proper waste management is not envisaged in operation phase, there is a possibility these impacts to be long term with repetitive occurrence).

4. ESMP Checklist

ESMP Checklist is applied for minor rehabilitation or small-scale building construction. It provides "pragmatic good practice" and it is designed to be user friendly and compatible with WB safeguard requirements. The checklist-type format attempts to cover typical mitigation approaches to common civil works contracts with localized impacts.

The checklist has one introduction section (Introduction part in which the project is described, part where environmental category is defined, identified impacts, and checklist ESMP concept explained) and three main parts: .

- **Part 1** constitutes a descriptive part ("site passport") that describes the project specifics in terms of physical location, the institutional and legislative aspects, the project description, inclusive of the need for a capacity building program and description of the public consultation process.
- **Part 2** includes the environmental and social screening in a simple Yes/No format followed by mitigation measures for any given activity.
- **Part 3** is a monitoring plan for activities during project construction and implementation. It retains the same format required for standard World Bank EMPs. It is the intention of this checklist that Part 2 and Part 3 be included as bidding documents for contractors.

Consultations and Disclosure

The ESMP Check list has been published on the LRCP web page, the Agency for promotion and support of tourism web page and the web page of the municipality of Vevchani. The document was published on 22.3.2018 year and was available for the public more than 14 days, on Macedonian, English and Albanian language. Also, hard copy of the document was available in the LRCP office and in the municipality of Vevchani.

Together with the document, a call for comments and remarks on the documents was published, where the official e-mail and post address for sending comments and remarks to the document were announced.

Until the deadline, no comments and remarks on the document that have to include to the final version were received by the electronic od post mail.

5. Application of the ESMP Checklist

The design process for the envisaged in the subproject „Visitor Center Vevchani – One Center One Tourism Product“ will be conducted in three phases:

1. *General identification and scoping phase*, in which the object for rehabilitation and adaption is selected and an approximate program for the potential work typologies elaborated. At this stage, Parts 1, 2 and 3 of the ESMP Checklist are drafted. Part 2 of the ESMP Checklist can be used to select typical activities from a “menu” and relate them to the typical environmental issues and mitigation measures. Public consultations take place, ESMP Checklist is finalized.
2. *Detailed planning and tendering phase*, including specifications and bills of quantities for construction works, equipment goods, marketing and other services related to the subproject. The whole filled in tabular ESMP (Part 1, 2 and 3) should be additionally attached as integral part to the works contract as well as supervision contract, analogous to all technical and commercial terms, has to be signed by the contract parties.
3. *During the works implementation phase* the Contractor implements ESMP Checklists mitigation and monitoring, while environmental compliance (with ESMP Checklist and environmental and health and safety (H&S) regulation) and other qualitative criteria are implemented on the respective site and application checked/supervised by the site supervisor, which include the site supervisory engineer or supervisor of the project. The mitigation measures in Part 2 and monitoring plan in Part 3 are the basis to verify the Contractor’s compliance with the required environmental provisions.

Practical application of the ESMP Checklist will include the achievement of Part I for having and documenting all relevant site specifics. In the second part, the activities to be carried will be checked according to the envisaged activity type and in the third part the monitoring parameters (Part 3) will be identified and applied according to activities presented in Part 2.

The whole ESMP Checklist filled in table (Parts 1, 2 and 3) for each of the type of work should be attached as integral part of work contracts and as analogue with all technical and commercial conditions which should be signed by the contracting parties.

6. *Monitoring and Reporting*

For the monitoring of the Contractor's safeguards due diligence, the site supervisor or responsible person appointed by the Municipality of Vevchani (in the case of works that do not require engagement of supervising engineer; site supervisor in the further text) will work with Part 2 and 3 of the ESMP Checklist, i.e. the monitoring plan. Parts 2 and 3 are developed in necessary detail, defining clear mitigation measures and monitoring which can be included in the works contracts, which reflect the status of environmental practice on the working site and which can be observed/measured/ quantified/verified by the supervisor during the works.

Such mitigation measures include, but are not limited to, the use of Personal Protective Equipment (PPE) and clothes by workers at all times, fixing scaffolds, and other H&S measures on site, dust generation and prevention, amount of water used and discharged in site, waste water treatment, presence of proper sanitary facilities for workers, waste collection of separate types (wood, metals, plastic, hazardous waste, e.g. paint residues, spent engine oil) in separate clearly marked waste bins/containers on separate pre-defined location on rehabilitation site and in sufficient number, recording of waste quantities, proper organization of disposal pathways and facilities, or reuse and recycling wherever possible. Waste can be transported and landfilled/processed only by licensed companies.

In addition to Part 3, the site supervisor should check whether the contractor complies with the mitigation measures in Part 2. Reporting on implementation of practices should be described in the regular report toward PIU.

The implementation of the measures should be followed before commencing work, during the rehabilitation and after its completion. Implementation of the ESMP Checklist defined measures will be monitored by the supervisor/supervising engineer, the Municipality of Vevchani / communal inspector and the departments for urbanism and local development whose employees are members of the project team as well as PIU environmental expert. An acceptable monitoring report from the contractor or site supervisor would be a condition for full payment of the contractually agreed remuneration, the same as technical quality criteria or quality surveys. The reporting on ESMP Checklist implementation will be quarterly. To assure a degree of leverage on the Contractor's environmental performance, an appropriate clause will be introduced in the works contracts, specifying penalties in case of noncompliance with the contractual environmental provisions, e.g. in the form of withholding a certain proportion of the payments until the corrective measures are applied and sub-project in compliance, its size depending on the severity of the breach of contract. For extreme cases a termination of the contract shall be contractually tied in.

The applicant is obliged to regularly submit 3-month reports on the ESMP Checklist implementation and monitoring of environmental mitigation measures in the form of a tabular overview (tables mitigation plan and monitoring plan) with an additional column giving the status of the measures, observations and comments, and Monitoring of the measure (implemented / not implemented, results, observations, comments, concerns, when, etc.).

PART 1: INSTITUTIONAL & ADMINISTRATIVE		
Country	Republic of Macedonia	
Sub-Project title	Visitor Center Vevchani One Center One Tourism Product	
Scope of sub-project and particular activities	Management and coordination of the sub-project Rehabilitation and adaptation of the abandoned municipal building in the city center into competitive Visitor Center Purchase and installation of equipment and functional arrangement of the reconstructed and adapted building Designing, printing and publishing printed and electronic promotional materials and online marketing	
Institutional arrangements (Name and contacts)	**Project management***	
	Investor: Municipality of Vevchani	Tel: 046/784-640 Fax; 046 784 641 E-mail: opstinavevcani@gmail.com
	Project Coordinator Novica Kostojchinoski	Tel: 046/784-640 Fax; 046 784 641 E-mail: kostojcinoski.novica@gmail.c

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	Contractor: VIA DOO export-import Vevchani	Tel. 046/798-102 Fax. 046 798 608 E-mail: via@t.mk
Implementation arrangements (Name and contacts)	**Supervision**	
	Civil Engineering Institute MACEDONIA	Tel.: 02 30 66 816 Fax.:; 02 30 66 833 E-mail:info@gim.com.mk
SITE DESCRIPTION		
Name of site	The central core of the settlement Vevchani	
Describe site location	The location of the sub-project is in the central core and urban area settlement Vevchani within municipality of Vevchani, Cadastral municipality CM Vevchani/Gorna Belica, cadastral parcel number 1119. The building is not located in the pedestrian zone. From one side there is direct access of the building to the local main street, and from the other side the building is surrounded with a playground which most of the time during the year is alternatively used as a parking place. The city core of the settlement Vevchani is not protected as a cultural heritage. Special permits from the responsible cultural institutions are not required, before the construction works start.	Annex 1: Site information (figures from the site) [✓]Y [ ] N
Who owns the land?	Municipality of Vevchani	
Geographic description	Country: Republic of Macedonia Region: South west region Municipality: Vevchani Settlement: Vevchani	

	Location coordinates: $41^{0}14'22.9''N$ $20^{0}35'32.8''E$
LEGISLATION	
Identify national & local legislation & permits that apply to sub-project activity(s)	• Law on Construction ("Official Gazette of the Republic of Macedonia" No. 130/09, 124/10, 18/11, 36/11, 54/11, 59/11, 13/12, 144/12, 79/13, 137 / 13, 163/13, 27/14, 28/14, 42/14, 44/15, 129/15 and 39/16) • Law on environment ("Official gazette of the RM"No. 53/05, 51/05, 81/05, 24/07, 159/08, 83/09, 48/10, 124/10,51/11, 123/12, 93/13,187/13, 42/14, 44/15,129/15, 192/15 and 39/16) • Law on waters ("Official gazette of the RM" No.87/08, 6/09, 16109, 83/10, 51/11,44/12,23/13,163/13, 180/14, 146/15 and 52/16); • Law on waste management (Official gazette of the RM" No.68/04, 71/04, 107/07, 102/08, 143/08, 124/10, 09/11, 51/11, 123/12 and 163/13); • Rulebook on the manner of handling municipal and other type of non-hazard waste (Official gazette of RM" No.147/07); • Law on management of packaging and packaging waste ("Official gazette of the RM"No.161/09, 17/11, 47/11, 136/11, 6/12, 39/12 and 163/13); • List of waste ("Official gazette of the RM" No. 100/05); • Law on chemicals ("Official gazette of the RM" No. 145/10 and 53/11); • Law on ambient air quality ("Official gazette of the RM" No. 67/04, 92/07, 35/10, 47/11, 100/12 and 10/15); • Law on protection against environmental noise ("Official gazette of the RM" No.79/07, 124/10 and 47/11); • Rulebook on the limited values of the level of environmental noise ("Official gazette of the RM" No.147/08); • Decision on determining in which cases and under what conditions are considered disturbed the peace of citizens from harmful noise ("Official gazette of the RM"No 1/09); • Law on nature protection ("Official gazette of the RM"No. 67/04, 14/06, 84/07, 35/10, 47/11,148/11,59/12,13/13,163/13 and 41/14); • Law on protection and rescue ("Official gazette of the RM"No 36/04, 49/04, 86/08, 124/10 and 18/11); • Law on occupational health and safety ("Official gazette of the RM" No 92/07, 136/11, 23/13 and 25/13) • Law on storage and protection from flammable liquids and gases ("Official gazette of the RM" No 15/76, 51/88, 19/90, 12/93, 66/07 and 130/08); • Rulebook on installation and storage of heating oil ("Official gazette of the SFRY" No 45/67)
PUBLIC CONSULTATION	
Identify when /	The ESMP Checklist has been disclosed on the LRCP web page, the

where the public consultation process took place and what were the remarks from the consulted stakeholders	Agency for promotion and support of tourism web page and the web page of the municipality of Vevchani. The document was disclosed on 22.3.2018 and was available for the public more than 14 days, on Macedonian, English and Albanian language. Also, hard copy of the document was available in the LRCP office and in the municipality of Vevchani. Together with the document, a call for comments and remarks on the documents was published, where the official e-mail and post address for sending comments and remarks to the document were announced. Until the deadline, no comments and remarks on the document that have to include to the final version were received by the electronic od post mail. Revised ESMP Checklist has been disclosed on Macedonian, English and Albanian language on the LRCP web page, the Agency for promotion and support of tourism web page and the web page of the municipality of Vevchani
INSTITUTIONAL CAPACITY BUILDING	
Will there be any capacity building?	[✓] N or [ ]Y if Yes, Annex 2 includes the capacity building information

PART 2: ENVIRONMENTAL /SOCIAL SCREENING			
Will the site activity include/involve any of the following:	Activity	Status	Additional references
	A. General conditions	[✓] Yes [] No	See Section A below
	B. Rehabilitation	[✓] Yes [] No	See Section A,B,C,D below
	C. Hazardous or toxic materials[1]	[✓] Yes [] No	See Section C below
	D. Traffic and Pedestrian Safety	[✓] Yes [ ] No	See Section D below
	E. Cultural Heritage – chance findings	[✓] Yes [] No	See Section E below

ACTIVITY	**PARAMETER**	**MITIGATION MEASURES CHECKLIST**
A. General Conditions	Notification and Workers' Health & Safety	• Providing information to local population about the time of commencement and time of duration of construction activities by preparing Notification which will be placed on the municipality notice board and on the municipal web page; • Mandatory use of personal protective equipment. • Control of vehicle safety and removal of defective vehicles from the location • The construction location is fenced and marked. Entry for unemployed person within the project location is prohibited. Informative signs and board to inform the local population are installed in the project location. • Local construction and environmental inspectorates are informed of works

[1] Toxic / hazardous material includes and is not limited to asbestos, toxic paints, removal of lead paint, etc.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		before the start; • All needed permits are obtained before the commencement of works (including construction and other); • All work will be carried out in safe and disciplined manner; • Workers personal protective clothes and equipment is available in sufficient quantities and is worn/used at all times; • Open pits are covered and clearly marked when not worked on; • Ensure the appropriate marking and informational board of the reconstruction site • Marking out the site for temporal storage of the reconstruction material near the site • Providing warning tapes, fences and appropriate signage informing danger, key rules and procedures to follow. • Forbidden entrance of unemployed persons within the warning tapes and fences when/where deem needed. • The surrounding area near the building should be kept clean • Machines should be handled only by experienced and appropriately trained personnel, thus reducing the risk of accidents; • All workers must be familiar with the fire hazards and fire protection measures and must be trained to handle fire extinguishers, hydrants and other devices used for extinguishing fires • Devices, equipment and fire extinguishers should be always functional, so in case of need they could be used rapidly and efficiently. First aid kits should be

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		available on the site and personnel trained to use it. • Procedures for cases of emergency (including spills, accidents, etc.) are available at the site. • The portable toilet should be placed on the construction site and maintenance by the certified company. • Purchased equipment will be installed and used respecting all safety measures prescribed by the producer of equipment and best practices.
B. Rehabilitation and /or Construction Activities	Air Quality	• The construction site, the transport routes and the locations where the materials are handled should be sprayed with water on dry and windy days; • Construction materials should be kept covered in suitable places in order to reduce the distribution of dust; • The vehicles, construction equipment and machines should be operated by experienced personnel well maintained and in accordance with the relevant emission standards; • Permanent maintenance of the vehicles (washing the wheels) and construction machines in order to identify accidental leakage of motor oils, emissions and the pollution expansions; • The materials that produce dust should be covered during the transportation; • Using protective masks for the workers in case of dust; • Debris chutes will be used in removal of materials from hights. • Ignition of fire and burning the waste at or around the construction site is forbidden.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
	Noise	• The level of noise should not exceed the allowed level of noise in accordance to the existing law; • The monitoring on the level of noise should be performed during the construction activities (per request from authorized environmental inspector); • It is forbidden to perform the construction activities during period of night; • The operation in the construction site is limited between 07.00-19.00 hour; • Workers should be provided with ear protection devices (plugs and/or ear pads)
	Water Quality	• It is forbidden to dispose any kind or fractions of waste in or near the water recipients in Vevchani (River Vevchani and River Esenica). • Prevent hazardous spillage coming from waste (temporary waste storage should be leakage protected and those for hazardous or toxic waste equipped with secondary containment system, e.g. double walled or bunded containers). • If hazardous spillage occurs, curb and remove it, clean the site and follow procedures and measures for hazardous waste management. • In the case of any run-off coming from works area possibly contaminated by hazardous substances shall be collected on site to a temporary retention basin and transported to an adequate licensed waste water treatment plant. • Ensure that water pumped back to natural waterways never exceeds the regulatory water quality standards by regular testing. • Install and maintain of proper sanitary facilities for workers. The wastewater from these sources should be transported to proper waste water treatment facilities. • Prevent hazardous spillage coming from tanks, containers (mandatory secondary containment system, e.g. double walled or bunded containers), construction equipment and vehicles (regular maintenance and checkups of oil and gas tanks, machinery and vehicles can be parked (manipulated) only on asphalted or concrete surfaces with surface runoff water collecting system.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		• Working site run-offs with possible charge with suspended matter should be filtered before spillage to natural flows.
	Waste management	• Identification of different types of waste in the construction site (soil, sands, bottles, food, parts of pipes, paper, crushed concrete, etc); • Waste classification according to the National Waste List; • Transportation and final disposal of inert, construction and communal waste is carried out by the licensed landfill with valid operating permit. • The potential hazardous waste (engine oils, fuel for a vehicle) should be collected separately and an agreement should be made with a subcontractor who will have authorization to collect and transport (and temporarily stored, if applicable) the hazardous waste. Hazardous waste will be processed or disposed only to processing plants/landfills with valid licenses; • The burning of the construction waste at site is prohibited. • Containers for each identified waste category are provided in sufficient quantities and positioned conveniently. • Waste collection and disposal pathways and licensed landfills/processing plants will be identified for all major waste types expected from demolition and construction activities. • Mineral (natural) construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and temporarily stored in appropriate containers. Depending of its origin and content, mineral waste will be reapplied to its original location or reused. • The records of waste disposal will be regularly updated and kept as proof for proper management, as designed. • Whenever feasible the contractor will reuse and recycle appropriate and viable materials Discarding any kind of waste (including organic waste) or waste water to the

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		surrounding nature or water-bodies is strictly forbidden. • Collect, transport and final disposal/processing of the communal waste by a licensed company; • The construction waste should be promptly removed from the site and re-used if possible; • The incineration of all waste at site or unlicensed plants and locations is prohibited; • Existing air-conditioning units are not to be refilled or emptied. If discarded, must be handled by specialized licensed companies.
	Materials management	• Coarse aggregate in concrete applied and used in rehabilitation need to conform to durability and gradation requirements. • Mineral resources (aggregate, sand, gravel, cement etc.) are procured only from licensed companies with valid concessions for extraction/exploitation. The companies can prove H&S measures and environmental management is in place. • No air-conditioning systems containing ozone depleting substances (CFCs) are to be used. • No lead paint or CFL lightening will be used.
C. Hazardous or toxic materials	Toxic / hazardous materials and waste management	• Temporarily storage on site of all hazardous or toxic substances (including wastes) will be in safe containers labeled with details of composition, properties and handling information. Chemicals are managed, used and disposed, and precautionary measures taken as required in the Material Safety Data Sheets (MSDS) • Hazardous substances (including liquid wastes) will be kept in a leak-proof container to prevent spillage and leaking. This container will possess secondary containment system such as bunds (e.g. bunded-container), double walls, or similar. Secondary containment system must be free of cracks, able to contain the spill, and be emptied quickly. • The containers with hazardous substances must be kept closed, except when adding

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		or removing materials/waste. They must not be handled, opened, or stored in a manner that may cause them to leak • The containers holding ignitable or reactive wastes must be located at least 4 meters from the facility's property line. • Installation of the fuel (heating oil) reservoir (tank) will be in all in accordance with prior consent of Ministry of Interior, Law on storage and protection from flammable liquids and gases ("Official gazette of the RM" No 15/76, 51/88, 19/90, 12/93, 66/07 and 130/08) and Rulebook on installation and storage of heating oil ("Official gazette of the SFRY" No 45/67); • The wastes are never mixed and are transported by specially licensed carriers and disposed/processed only in a licensed facility. • Paints with toxic ingredients or solvents or lead-based paints will not be used. • Hazardous waste will be transported and handled only by licensed companies in lie with the national regulation. • Hazardous waste will be disposed only to licensed landfills or processing plants.
	Asbestos management, radioactive lightning rods	• If asbestos is located on the project site, mark clearly as hazardous material and inform the environmental inspection as well as project environmental expert. • The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust. • Asbestos will be handled, transported and disposed by skilled & experienced professionals. • If asbestos material is stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately. • The removed asbestos will not be reused but disposed in a safe manner (sealed in containers or bags, in concrete cassettes, etc.) on a licensed landfill. • In the case radioactive lightning rods are found on the premises, the environmental inspectorate and other competent authority will be informed, as well as Project Environmental Expert. Competent authority instructions will be followed on dismantling, handling, transport and storage in line with the national legislation.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
		Only specialized, licensed companies for handling radioactive materials are to be engaged for this work.
D Traffic and Pedestrian Safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	The construction location where most of the project activities will be performed will be fenced and visually marked. Entry for unemployed people and vehicles within the project location will be prohibited. Informative boards at the site will be installed to inform the local population, visitors and tourists. Pedestrian safety will be ensured.
E. Cultural Heritage	Chance findings	In the case of chance findings, the works must be stopped immediately and competent authorities, (Ministry of Culture, Directorate for Protection of Cultural Heritage – Skopje, National Institution - Institute for the Protection of Cultural Monuments and Museum - Ohrid) informed within 24 hours following the national procedures. Works will recommence upon approval of competent authorities.

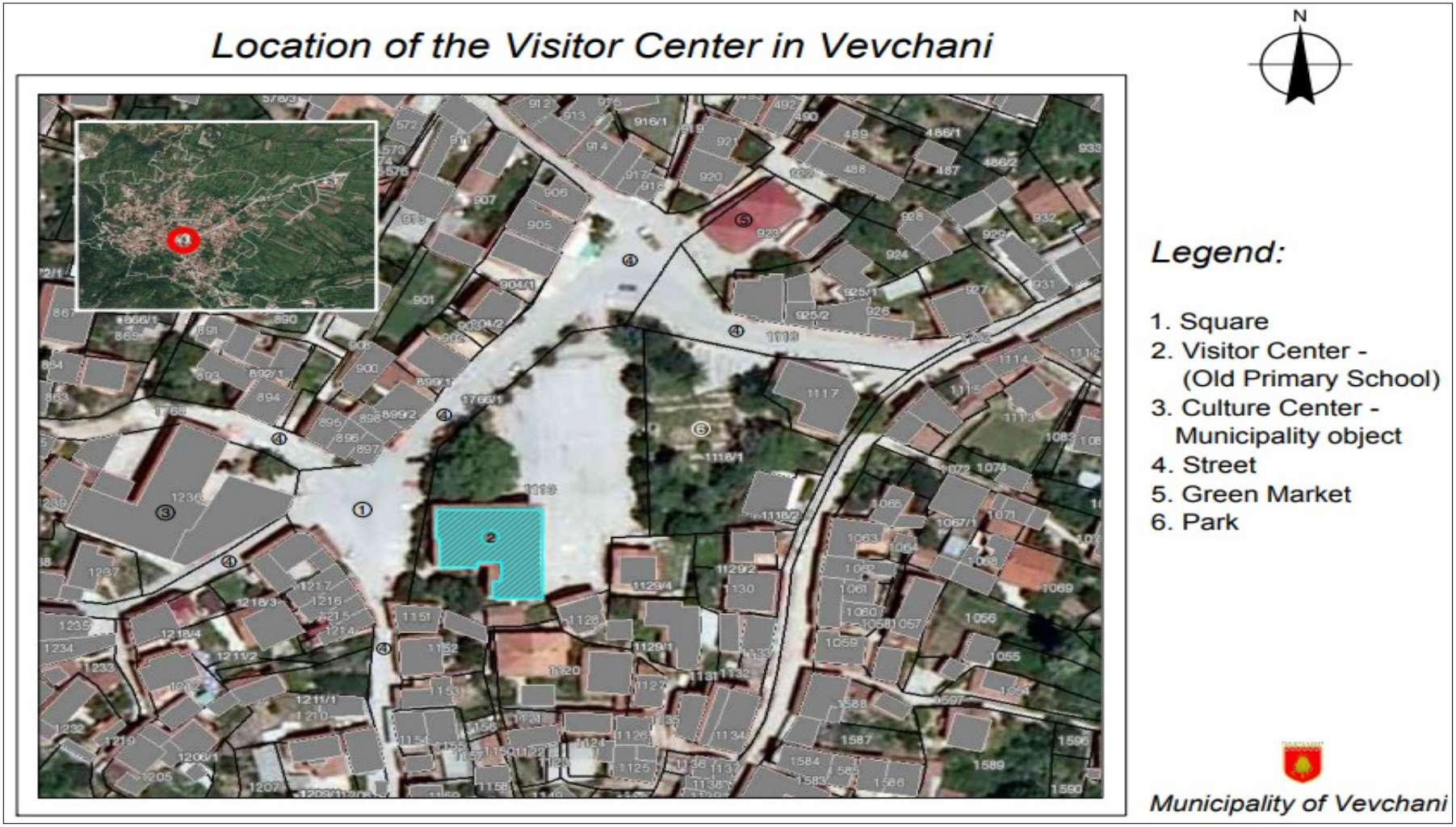
PART 3: MONITORING PLAN							
Phase	**What** (Parameter will be monitored?)	**Where** (Is the parameter to be monitored?)	**How** (Is the parameter to be monitored?)	**When** (Define the frequency / or continuity?)	**Why** (Is the parameter being monitored?)	**Cost** (If not included in project budget)	**Who** (Is responsible for monitoring?)
Pre-Construction	All required permits and consents (including prior consent of Ministry of Interior for underground installation of heating oil tank) are obtained before works start.	At the municipal administration	Inspection of all required documents	Before works start	To ensure the legal aspects of the rehabilitation activities	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Construction inspector, LRCP EE
	Public and relevant institutions are notified	Contractor's premises	Inspection of all necessary documents	Before works start	To ensure public awareness	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Construction inspector, LRCP EE
	Safety measures for workers, residents and tourists in the center of Vevchani	At the construction site in the center of Vevchani	Visual checks and reporting to the official representatives from the municipality of Vevchani and supervision engineer	During construction works with special focus on the preliminary activities	To prevent health and safety risks – mechanical injures and to provide safe access and mobility in Vevchani	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE

During activity **implementation** activity	Safe traffic flow in the center of Vevchani	At the construction site in the center of Vevchani	Visual checks and reporting to the official persons from the municipality of Vevchani	During the working days	To ensure coordinated traffic flow in the center of Vevchani	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Protective equipment (glasses, masks, helmets, boots, etc.) warn at all times, safety warning and instruction are on site: Workers are adequately trained and certified for position and work they perform. Emergency procedures are available and communicated to all workers	At the construction site	Visual checks and reporting to the official representatives from the municipality of Vevchani and supervision engineer	Unannounced inspections during work	To prevent health and safety risks – mechanical injures and to provide safe access and mobility in Vevchani	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Site is well organized: fences, warnings, sign postage in place. Dangerous areas are fenced and marked. Sanitary facilities available in sufficient	Work site	Inspection	Unannounced inspections during work	To prevent accidents	/	Municipality of Vevchani; Contractor; Supervisor of the construction works Construction inspector

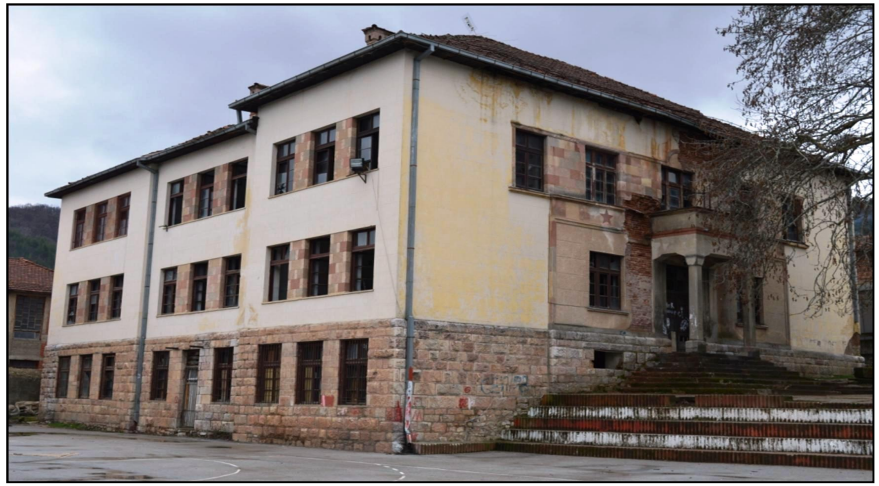
	number. The site is inaccessible for public.						
	Primary selection of the waste produced in the construction site	At the construction site in the center of Vevchani	Physical selection of the waste	During period of construction works	Waste classification according to the National Waste List	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Covering or wetting down transported materials that can generate dust. Keeping the site wet and protected from dust spreading Protecting from dust while unloading There is no burring at the site.	Construction site – each vehicle	Supervision	Continuously	To ensure minimal disruption to air quality	/	Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Collection, transport and hazardous waste (if any)	At the safe temporary location on construction site in separate waste containers	Inspection of the transport lists and the conditions of the store house	Before the transportation of the hazardous waste (if any)	To improve the waste management at local and national level/ Hazardous waste do not be dispose to any landfill	/	Municipality of Vevchani; Authorized company for collecting and transportation of hazardous waste (if any), Authorized environmental inspector, Construction inspector, LRCP EE

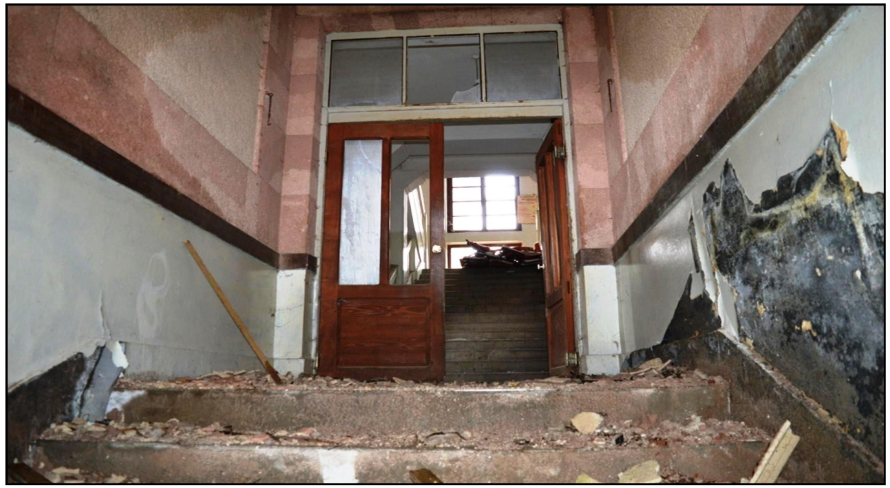
	Collection, transport and final disposal of the solid waste	At and around the construction site	Visual monitoring and inspection of the transport lists of the contractor	Daily level after the collection and transportation of the solid waste	Do not leave the solid waste on the construction site and to avoid negative impact to the local environment and the local inhabitants health	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Waste incineration prohibition	At and around the construction site	Visual monitoring and Inspection	Unannounced inspection	To ensure efficient waste management and avoid negative effect on air pollution	/	Municipality of Vevchani; Contractor; Supervisor of the construction works; Authorized environmental inspector, Construction inspector, LRCP EE
	Air pollution parameters of dust, particulate matter	At and near construction site	Sampling by authorized agency	Upon complaint or negative inspection finding	To ensure no excessive emission during works	/	Supervisor of the construction works
	Level of noise and vibration	At the construction site in the center of Vevchani	Monitoring on the level of noise dB (with suitable equipment)	Upon complaint or inspection finding	To determine whether the level of noise is above or below the permissible level of noise at the construction site (Permanently during the construction works through inspection of the construction site according to the national legislative)	/	Contractor; Accredited company for measuring the level of provided by the contractor; Authorized environmental inspector, Construction inspector, LRCP EE

ESMP Checklist Annex 1– Location of the Visitor Center Vevchani



ESMP Checklist Annex 2 - Figures from the site





ESMP Checklist Annex 3 – Confirmation of competent authority (National Institution Institute for protection of Monuments of Culture and Museum – Ohrid) on cultural heritage protection status

НАЦИОНАЛНА УСТАНОВА ЗАВОД ЗА ЗАШТИТА НА СПОМЕНИЦИТЕ НА КУЛТУРАТА И МУЗЕЈ-ОХРИД

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тел. 046/262-498; 046/231-388; факс: 046/231-302, Музејски куќи Робевци 247-173;
e-mail: ... жиро сметка: буџетска 1801090750019 и сметка 1801090

РЕПУБЛИКА МАКЕДОНИЈА
НАЦИОНАЛНА УСТАНОВА ЗАВОД ЗА ЗАШТИТА НА СПОМЕНИЦИТЕ НА КУЛТУРАТА И МУЗЕЈ-ОХРИД
Бр. 03-210/2
20.02 20 18 год
О Х Р И Д

До:
Градоначалник Сашо Јанкоски
ОПШТИНА ВЕВЧАНИ

Врз основа на член 4 став 2 алинеа 12 и член 102 од Законот за Општа управна постапка („Сл. Весник на РМ" бр. 124/2015) и член 13 став 2 алинеа 18 од Статутот на Националната установа Завод за заштита на спомениците на културата и Музеј-Охрид, а по барање 03-198/1 од 20.02.2018 од Градоначалникот на Општина Вевчани, врз основа на службената евиденција што ја води НУ Завод и Музеј-Охрид, директорот ја издава следната:

ПОТВРДА

Се потврдува дека објектот на парцелата на КП бр. 1119, КО Г.Бел/Вевчани, не е заштитено добро, односно нема статус на поединечно заштитено споменичко добро согласно законот за заштита на културното наследство.

Правна поука: Незадоволната странка има право на приговор до Управниот одбор на НУ Заводи Музеј-Охрид во рок од 8 дена од приемот на потврдата.

Подготви:
дипл. Горан Патчев
овластен конзерватор

В.д. директор,
Едеонора Новаковска

ESMP Checklist Annex 4: Location of the underground oil tank