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ENVIRONMENTAL AUDIT OF BORODYANKA CENTRAL PARK

Abstract. *Justification and implementation of the environmental audit of the Borodyanka Central Park, based on the current legislation.*

Keywords: environmental audit, park, status of trees.

Environmental audit of the park area – determination of the current ecological state of all environmental components (lithosphere and mineral resources; geophysical fields of the Earth and Space) and their impact on the environment and human health; geomorphosphere (relief) and dangerous endo- and exogeodynamic processes destroying the lithosphere and transforming the relief; surface and underground hydrosphere and water resources; atmosphere and climate resources; phyto- and zoosphere and biological resources; demosphere and the state of health of the population in connection with environmental factors; technosphere and its impact on all previous components of natural ecosystems. Environmental audit, according to the Law of Ukraine "On Environmental Audit" is a documented systematic independent process of evaluating the object of environmental audit, which includes the collection and objective evaluation of evidence to establish the compliance of specified types of activities, measures, conditions, environmental management system and information on these issues in accordance with the requirements of the legislation of Ukraine on environmental protection and other environmental audit criteria.

Audit Procedure

1. Object of the audit: Borodyansky Central Park
2. Grounds for the audit. This territory was chosen due to the fact that during the occupation from February 25 to April 1, 2022, as a result of the battles for the city, the green zone of the park was damaged and requires an assessment of the state of improvement facilities and their restoration on the basis of the Law of Ukraine No. 2807-IV "On the improvement of settlements".
3. The performer of the environmental audit is Dmytro Osadchuk, a fourth-year student of the Department of Environmental Science, Faculty of Environmental Safety, Engineering and Technologies of the National Aviation University.
4. List of legislative acts: Law of Ukraine No. 2807-IV "On Improvement of Settlements"; "On green areas of cities and other settlements"; "On ecological audit" "Rules for the maintenance of green space in populated areas of Ukraine, approved by the order of the Ministry of Construction of April 10, 2006 No. 105."
5. Characteristics of the object. Borodyanka Central Park is a park-type green area of the city of Borodyanka, a place of public recreation with an area of 15,452 square meters. The park is located in the central part of the city. It serves as a recreation area, a

green area, and an area for events. Black poplar (*Populus nigra* L.), silver maple (*Ácer sacchárinum*), common oak (*Quercus robur*) grow on the territory of Borodyansky Central Park. According to the assessment, 28 trees received shrapnel and bullet damage. Damages are calculated

Conclusions. As a result of the analysis, it was found that all 28 trees can be considered emergency according to the order of the Ministry of Construction No. 105 dated 04/10/2006, which states that such trees are considered emergency under special circumstances, which include combat operations, and these trees must be dismantled. Since these trees make up almost half of all trees in the park, a decision was made to create a comprehensive plan for dismantling and planting trees for the uninterrupted functioning of the green recreation area of the city population. This plan will be developed with the approval of the head of public works and the mayor of Borodyanka. Also, contact should be made with local forestry to obtain replacement trees. This report will also be submitted to the head of the Borodyanka City Council..

References

1. The Law of Ukraine "On Environmental Audit" (VVR), 2004, No. 45, Article 500).
2. Law of Ukraine "On Improvement of Settlements" of September 6, 2005.
3. Law of Ukraine "On Green Spaces of Cities and Other Settlements" of 22.03.2013 № 2625
4. "Rules for the maintenance of green spaces in populated areas of Ukraine", approved by the order of the Ministry of Construction, dated April 10, 2006 No. 105.

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