

ANNEX TO THE ENVIRONMENTAL MANAGEMENT PLAN

ODRA-VISTULA FLOOD MANAGEMENT PROJECT - 8524 PI

Environmental category B – pursuant to OP 4.01 BŚ

Component 2:

Flood protection for Kotlina Kłodzka

Sub-component 2A:

Active protection

Contract for works 2A.1:

Construction of “Boboszow” - a dry flood control reservoir on Nysa Kłodzka River and construction of “Roztoki Bystrzyckie” - a dry flood control reservoir on Goworówka Stream

Task 2A.1/1:

Construction of “Boboszow” - a dry flood control reservoir on Nysa Kłodzka River

Issue	Date	Author	Checked by	Approval by the Client	Description
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ENVIRONMENTAL MANAGEMENT PLAN

Component: *2 - Flood protection for Kotlina Kłodzka*

Sub-component: *2A – Active protection*

Contract: *2A.1 - Construction of "Boboszow" - a dry flood control reservoir on Nysa Kłodzka River and construction of "Roztoki Bystrzyckie" - a dry flood control reservoir on Goworówka Stream*

Part of the Contract: *Implementation of Task 2A.1/1 - Construction of a dry flood control reservoir on Nysa Kłodzka River in Boboszow*

Project Implementation Unit:

State Water Holding Polish Waters

Regional Water Management Authority in Wrocław

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Appendix 2 – A report on the public consultations concerning the Annexe to the EMP for the 2A.1/1 Contract.

1. INTRODUCTION

Works characteristics

This annexe to the EMP for the 2A.1/1 Contract for works includes the scope of works related to executing an alternative access route to the Construction Site, for the purpose of transporting construction materials needed for construction of Boboszow dry flood control reservoir (pursuant to the Amendment No. 1 of 16.04.2019 to the Contract No. 4 ODWI/2017). The alternative access route will enable transportation of construction materials diverting the city of Miedzylesie.

The alternative access route runs along public roads and road not being public ones, which are internal general-access roads¹. Traffic along the public roads will be based on adequate memoranda of understanding with the road Administrator. Traffic along non-public roads will, according to the provisions of the Plan for the Obtainment of Properties and Resettlement, will be taking place pursuant to the contracts concluded with the roads' administrators. Non-public roads located within the route of construction materials transportation require renovation works in order to restore their proper technical parameters necessary to transfer loads from heavy goods vehicles.² Two road sections of the total length being 2750 m will be covered by the renovation (Fig. 1). The roads renovation within the alternative access route to the Construction Site may require the necessity of felling four trees (poplar *Populus L.*, European ash *Fraxinus excelsior L.*, 2 pieces of Norway maple *Acer platanoides L.*) colliding with the vehicles passing routes. The renovation works include execution of the following works:

- a) earthworks related to trenching the existing pavements,
- b) making sub-base layers reinforced with geosynthetic materials, paved on levelled and compacted soil subgrade,
- c) making the road pavement,
- d) renovation of the existing road culverts,
- e) putting the adjacent areas in order for the works execution – restoring the adjacent areas in the locations where it is deemed necessary owing to the land topography, slopes, roads and drainage within the road cadastral plots.

¹ Pursuant to the Public Roads Act dated March 21st 1985 ([Journal of Laws of 2018, item 2068], the roads not classified to any public roads category and, in particular, the roads within housing estates, **access points to farmlands and forest lands**, etc. are called non-public roads (internal roads). In a case when this type of roads have no restrictions for the vehicles passing, they are called *non-public general-access roads*.

² Design Documentation for completing the alternative road for transporting the construction materials needed to construct "Boboszow" dry flood control reservoir on the Nysa Kłodzka River (Hydroprojekt Wrocław Sp. z o.o. 2019).

Location

The roads to be renovated are located within the city of Miedzylesie, as well as within the village districts [solectwo] - Dolnik and Szklarnia, Miedzylesie borough in Kłodzko county, Lower Silesia province (the road route is presented in Fig. 1).

Table 1 List of registered plots covered by the roads renovation.

No.	Borough	Precinct	Plot No.	Owner/Administrator
1.	Miedzylesie – rural area	Szklarnia	93	Miedzylesie Borough
2.	Miedzylesie – rural area	Szklarnia	97	A private individual
3.	Miedzylesie – rural area	Miedzylesie	197	Miedzylesie Borough
4.	Miedzylesie – rural area	Miedzylesie	252	Miedzylesie Borough
5.	Miedzylesie – rural area	Miedzylesie	453	Miedzylesie Borough
6.	Miedzylesie – rural area	Miedzylesie	461	Miedzylesie Borough
7.	Miedzylesie – rural area	Miedzylesie	462	Miedzylesie Borough
8.	Miedzylesie – rural area	Miedzylesie	469	Miedzylesie Borough
9.	Miedzylesie – rural area	Miedzylesie	470	Miedzylesie Borough
10.	Miedzylesie – rural area	Miedzylesie	474	Miedzylesie Borough
11.	Miedzylesie – rural area	Miedzylesie	475	Miedzylesie Borough
12.	Miedzylesie – rural area	Miedzylesie	477	Miedzylesie Borough
13.	Miedzylesie – rural area	Dolnik	81	Miedzylesie Borough
14.	Miedzylesie – rural area	Dolnik	94	State Treasury, permanent management: RZGW in Wrocław

2. ENVIRONMENTAL CONDITIONS FOR THE EXECUTION

The works related to constructing the alternative access route to the Construction Site for the 2A.1/1 Contract include only renovation of the existing structures and thus they do not qualify for carrying out the procedure on the environmental approval issuance, according to national legislation.³ The planned works areas are located outside the boundaries of the areas protected pursuant to the *Nature Protection Act* dated April 16th 2004, and outside the Natura 2000 areas. Nearby the works area spots of autumn crocus *Colchicum autumnale* (species subject to conditional protection in Poland) and potential habitats of protected dusky large blue *Phengaris nausithous*, scarce large blue *Phengaris telejus* can be observed.

During the works the Contractor shall exercise correct materials and waste management, observe the OSHA provisions and ensure health protection and safety for the people, pursuant to the EMP provisions for the 2A.1/1 Contract for works.

Acoustic impact related to and resulting from renovation of the roads sections will be insignificant and they might mainly result from vehicular traffic of the vehicles and machines servicing the site. The works executed within the alternative access route to the Construction Site will be located outside the areas of cultural goods and monuments subject to legal protection and entered into the Register of Historic Monuments, or/and the borough register of monuments. Nevertheless the Contractor is obliged to follow the conditions pertaining to the structures listed in the EMP for the 2A.1/1 Contract for works.

The planned road renovation and ensuring safe vehicular traffic within the alternative access route might be related to a necessity of felling selected trees and bushes (such, damage of which cannot be avoided and/or ones the tree crowns of which cannot be trimmed).

After the works completion the site will be put in order and the temporary seizure areas will be restored to a condition not worse than from before the works commencement. The renovated structures constitute elements of the existing infrastructure, thus they do not generate new, permanent and negative impacts on the environment.

³ The Act on providing the information about the environment and its protection, public participation in the environmental protection and on environmental impact assessments date October 3rd 2008 (uniform text, Dz. U' [Journal of Laws] of 2017, No. 0, pos. 1405).

3. MITIGATING AND MONITORING ACTIVITIES

The works Contractor is obliged to exercise all conditions of works execution as defined in App. 1 and 2 EMP for the 2A.1/1 Contract for works, required for this type of works.

As far as the trees and shrubs felling conditions are concerned, considering the alternative access route to the Construction Site, one should apply and follow the following works performance conditions (construction Site a modification of the conditions stipulated in pos. 11, 12 of App. 1 EMP for 2A.1/1 Contract):

a) Permissible dates for felling of trees and shrubs

- Felling of trees and shrubs should be done only between August 15th and March 15th,
- Should felling of trees and shrubs turn out necessary beyond the period from August 15th to March 15th, felling should be preceded with an inspection by an expert ornithologist, chiropterologist and entomologist, in order to determine whether the trees and shrubs to be felled are not populated with protected bird, insect and bat species,
- If the protected bird and/or invertebrate and/or bat species are noticed within the trees to be felled, an administrative decision permitting deviations from the bans in force should be obtained for the protected animal species (pursuant to the *Environmental Protection Act* of April 16th 2004 (Dz. U. [Journal of Laws] of 2018, pos. 1614, 2244, 2340),
- Felling of trees should be done according to the provisions in decision of Mayor of Town and Municipality of Międzyzlesie of July 2nd, 2019 (reference number: ITiG.6131.D.15.2019.DK) allowing removal of trees growing within the poviat right-of-way.

b) Permissible dates for felling of trees and shrubs:

- Felling of trees and shrubs should only take place in the areas of direct collision of the trees and shrubs with the vehicles passing route to the Construction Site of the 2A.1/1 Contract.

4. PUBLIC CONSULTATIONS FOR THE ANNEXE TO EMP

The draft of the present document is subject to the public consultation procedure conducted in accordance with the Operational Policies of the World Bank (OP 4.01). A report on the public consultations concerning the Annexe to the EMP for the 2A.1/1 Contract is attached to this Annexe to EMP.



Fig. 1 Sections of the renovated roads within the alternative access route to the Construction Site for the 2A.1/1 Contract for works.