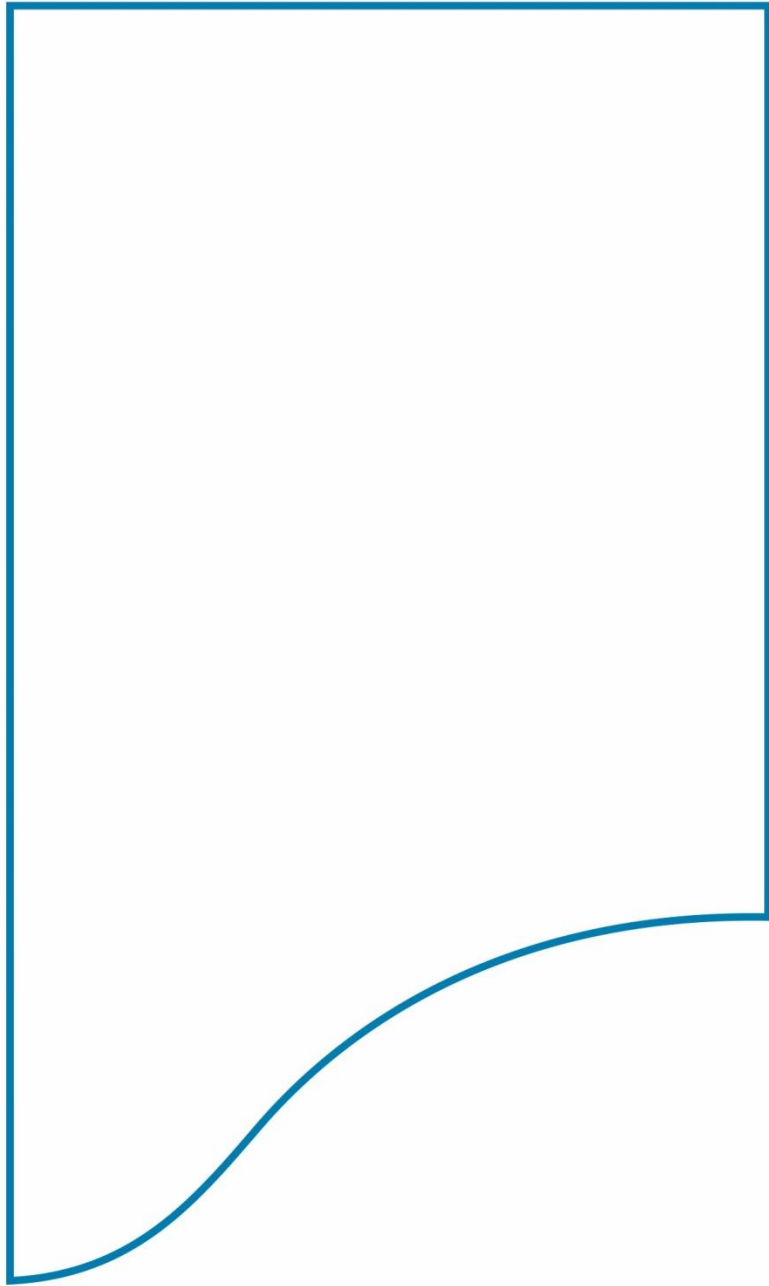


PLAN ZARZĄDZANIA  
ŚRODOWISKIEM



ODRA-VISTULA FLOOD  
MANAGEMENT PROJECT



Projekt Ochrony  
Przeciwpowodziowej  
w Dorzeczu Odry i Wisły



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# ANNEX No. 1 TO THE ENVIRONMENTAL MANAGEMENT PLAN

**DRAFT**

## ODRA-VISTULA FLOOD MANAGEMENT PROJECT

ENVIRONMENTAL CATEGORY B – IN ACCORDANCE WITH WB OP 4.01

### COMPONENT 2:

Flood protection of the Kłodzka Valley

#### SUBCOMPONENT 2B:

Passive protection

#### WORKS CONTRACT 2B.1/1

Flood Protection of the Nysa Kłodzka Valley

TASK 1. "Flood Protection of the Nysa Kłodzka Valley – Kłodzko Facility"

TASK 2. "Removal of the old and construction of a new water supply network for Task 2B.1/1. Flood Protection of the Nysa Kłodzka Valley"

ISSUE	DATE	AUTHORS	REVIEWED BY	CLIENT'S APPROVAL	DESCRIPTION
	20.04.2023	Wojciech Lewandowski	Waldemar Krzysztof		

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**THE DOCUMENT PREPARED BY:**

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Project Implementation Unit of the Odra-Vistula Flood Management Project  
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## 1. INTRODUCTION

The works comprised in the Annex to the EMP for Contract 2B.1/1 are connected with the implementation of measures to improve the flood protection of the Nysa Kłodzka valley in the town of Kłodzko. A decision on environmental conditions has already been obtained for this Facility: the Decision of the Regional Director for Environmental Protection in Wrocław, ref. no.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 (hereinafter: Decision on Environmental Conditions (DEC)).

The environmental decision for the *Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley - Kłodzko Facility* had to be corrected in connection with a clerical mistake in the *Project Description* contained in the above-mentioned Decision (indication of all cadastral precincts within the boundaries of which the project will be implemented).

On the other hand, for the scope of works related to relocation of a section of a water supply system within the flood protection embankment at Korczaka Street in Kłodzko, a new environmental decision had to be obtained for the project titled "*Removal of the old and construction of a new water supply network*" for the *Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley*. A section of the existing water supply system is situated in the location where the embankment will be modernised. It is not possible that the section of the water supply system remains under the flood protection embankment because adequate operating conditions for both components of the infrastructure have to be secured.

In order to prepare this part of Task 2B.1/1 for implementation, the SWH PW, RZGW in Wrocław, entered into an appropriate agreement with the Kłodzko Water Supply Company (Wodociągi Kłodzkie) on 14.07.2022, under which RZGW in Wrocław is responsible for the implementation of works related to the relocation of the section of the water supply system, and also has the possibility - on behalf of the Kłodzko Water Supply Company - to apply for the decisions and permits necessary for investment implementation.

### **Scope of works for the sectional removal of the old and construction of a new water supply network:**

- local drainage of soils;
- earthworks (excavations) performed manually and mechanically;
- placement of the planned underground infrastructure;
- placement of the water supply network;
- carrying out a leakage (pressure) test after the pipe has been laid and the protective layer has been constructed;
- carrying out the flushing of the network and disinfection after backfilling of excavations;
- marking the constructed network in field.

### **1.1. KŁODZKO FACILITY**

The activities covered by Contract 2B.1/1 entitled "*Flood Protection of the Nysa Kłodzka Valley - Kłodzko Facility*" are implemented in the area of the Kłodzko municipality and Kłodzko rural municipality. The activities encompass the Nysa Kłodzka River from km approx. 134+312 to

km approx. 127+433. The cadastral precincts where the Project is being implemented: Boguszyn, Centrum, Jaskółcza Góra, Jurandów, Krosnowice, Stadion, Twierdza and Zagórze.

An obvious mistake occurred in the decision on environmental conditions issued by RDOŚ in Wrocław of 19 November 2020, ref. WOOS.420.20.2020.AP.17 (hereinafter: DEC) concerning the location of the investment, in which the cadastral precinct of Boguszyn, located in the rural municipality of Kłodzko, was omitted. Both, in the DEC and in the project description, provided as an appendix to the DEC, the chainage of the Nysa Kłodzka river, where the activities will be carried out, was specified, according to which the location of the project was obvious and comprised the cadastral precinct of Boguszyn in the rural municipality of Kłodzko.

The location of the planned project in the cadastral precinct is also confirmed by the information included in the Project Data Sheet and in the Environmental Impact Report, including an attachment to the Report, i.e. a copy of the map of the land and buildings register with the area of project implementation and impact marked. The project implementation area, encompassing the cadastral precinct of Boguszyn, is also marked on the map included in the Technical Concept for the Kłodzko Facility, where the scope of the planned works is indicated. The precinct of Boguszyn was omitted in a justification for the DEC and in the Project Description provided as an appendix to the DEC as a result of a clerical error of the authority issuing the decision on environmental conditions.

The SWH Polish Waters RZGW in Wrocław has applied to the Regional Director for Environmental Protection in Wrocław to correct a provision in the *Project Description* in the DEC. After examining into the application, the Regional Director for Environmental Protection in Wrocław has corrected the existing mistake with the Decision of 2 September 2021, ref.: WOOS.420.20.2020.AP.21.

## 1.2. KŁODZKO FACILITY – WATER SUPPLY NETWORK

The activities covered by Contract 2B.1/1 entitled “*Removal of the old and construction of a new water supply network for Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley*” are performed on the area of plot no. 12/6, plot no. 12/5, plot no. 9/5, plot no. 2/5, precinct of 001 Zagórze and plot no. 2/5, plot no. 69/2, plot no. 3, precinct of Stadion, in the town of Kłodzko and consist of removing a collision (relocating) of a water supply network.

The Regulation of the Council of Ministers of 10 September 2019 *on projects likely to have a significant impact on the environment* (Journal of Laws, item 1839, as amended) stipulates that the relocation of a water supply system itself is classified for obtaining a decision on environmental conditions (§ 3(2)(2) of the above-mentioned Regulation), as referred to in § 3(1), i.e.:

- *main water supply systems for the transmission of water and main water supply lines supplying water from treatment stations to distribution water supply pipelines,*

*excluding their reconstruction by the trenchless method (§ 3(1)(71) of the Regulation)<sup>1</sup>,*

Wodociągi Kłodzkie Sp. z o.o. applied to the Mayor of the Town of Kłodzko on 31.08.2022 for issuing a decision on environmental conditions for the planned works related to project implementation.

It was concluded under the decision of the Mayor of Kłodzko of 6 February 2023, ref.: WI.6220.5.16.2022.KK, that there was no need to perform an environmental impact assessment for the project, while the significant conditions of using the environment in the implementation and operation or usage stages of the project were specified.

When the decision was issued, the Mayor of the Town of Kłodzko concluded that the above-mentioned decision mistakenly included a provision prohibiting to locate service roads at a distance of not less than 100 m from existing riverbed. This provision was inconsistent with the content of the application for issuing an environmental decision, including the content of the Project Data Sheet. For this reason, the Mayor of the Town of Kłodzko, in a letter of 27 February 2023, issued a decision (ref.: WI.6220.5.20.2022.KK), in which they correct, *ex officio*, the erroneous provision in the content of the environmental decision.

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<sup>1</sup> part of the project will only be implemented using the trenchless method (directional drilling/ramming) – the bed of the Bystrzyca Dusznicka River. The length of drilling is 34.00 m.



## 2. ENVIRONMENTAL CONDITIONS OF CONTRACT EXECUTION

### 2.1. KŁODZKO FACILITY

The change consists in incorporating a cadastral precinct of Boguszyn into the provision defining the location of the investment in the rural municipality of Kłodzko, which was omitted as a result of an unintentional error of the authority issuing the decision on environmental conditions.

The provisions in the content of the DEC concerning the location of the investment, omitting the cadastral precinct of Boguszyn in the rural municipality of Kłodzko, are also modified. One is the provision in the justification to the content of the decision, under point I.1, sentence 4 (page 1) and the other in the project description, in the second paragraph from the top.

**The change of the basic/baseline text of the EMP, introduced with this Annex, consists in supplementing Appendix 4 to the EMP by additionally introducing Appendix 4d\_1:**

- The decision of the Regional Director for Environmental Protection in Wrocław (ref.: WOŚ.420.20.2020.AP.21) of 2 September 2021 about correcting an obvious clerical mistake in the project description, constituting an appendix to the decision on environmental conditions of the Regional Director for Environmental Protection in Wrocław of 19 November 2020 (ref.: WOŚ.420.20.2020.AP.17).

### 2.2. KŁODZKO FACILITY – WATER SUPPLY NETWORK

As the conditions for the implementation of the project were defined in the decision on environmental conditions issued by the Mayor of the Town of Kłodzko on 6 February 2023, ref.: WI.6220.5.16.2022.KK, for the project titled “*Removal of the old and construction of a new water supply network for Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley*”, a set of conditions to be implemented in the course of works execution is included below in a table. In addition to the conditions provided below, the Contractor is also obliged to adequately apply the *General Requirements* specified in items 1-112 of App. 1 and 2 to the EMP.

Protected species of plants and natural habitats listed in Annex I of the Habitats Directive of the European Commission exist in the neighbourhood and area of the planned works; their distribution is shown in App. 1b of Annex no. 1 to the EMP.

Protected species of animals also exist in the neighbourhood and area of the planned works; their distribution is shown in App. 1b of Annex no. 1 to the EMP.

There are no protected sites in the direct neighbourhood of the work site. The Natura 2000 Biała Łądecka PLH020035 site is located approx. 1.8 km from the work site. The Bardzkie Mountains and Sowie Mountains Protected Landscape Area are within the distance of approx. 5.5 km. The distribution of protected sites in the area of works is shown in App. 1c of Annex no. 1 to the EMP.

**The change of the basic/baseline text of the EMP, introduced with this Annex, consists in supplementing Appendix 4 to the EMP by additionally introducing Appendix 4d\_2 and 4d\_3:**

- App. 4d\_2 Decision on environmental conditions of the Mayor of the Town of Kłodzko of 6 February 2023, ref.: WI.6220.5.16.2022.KK;
- App. 4d\_3 Decision of the Mayor of the Town of Kłodzko of 27 February 2023, ref.: WI.6220.5.20.2022.KK, correcting, *ex officio*, an obvious clerical error in the decision of 06 February 2023, ref.: WI.6220.5.16.2022.KK.

Table 1 Mitigation measures for implementation for works related to the part of the Contract covering removal of the old and construction of a new water supply network for Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley.

No.	Issue	Location	Mitigation measure	Responsible party
<b>DETAILED REQUIREMENTS</b>				
<b>24 – DETAILED REQUIREMENTS – KŁODZKO FACILITY - WATER SUPPLY SYSTEM</b>				
<b>140.</b>	Protection of land surface and landscape	Task implementation area	<p><b>Restriction of land occupation and land transformations</b></p> <p>In order to limit the occupation and transformation of the land surface during the Task implementation, the following Principles should be applied:</p> <p>a) the area of land occupation for the location of construction site facilities and yards should be limited to the necessary minimum.</p>	Contractor
<b>141.</b>	Protection of land surface and landscape/Animated nature protection	Task implementation area	<p><b>Rules for locating construction site facilities</b></p> <p>The area of construction site facilities should be located outside the boundaries of protection zones of groundwater intakes, at a distance of not less than 100 m from existing water reservoirs, riverbed and wetland sites, on the sealed and hardened ground</p>	Contractor
<b>142.</b>	Protection of land surface and landscape	Task implementation area	<p><b>Protection of the fertile soil layer (topsoil)</b></p> <p>Before commencing works from places where the existing layer of topsoil (fertile soil) could be degraded:</p> <p>a) layer of topsoil should be collected,                      b) it should be stored properly (protecting it from damage, disintegration, contamination due to the performance of works and the possibility of run-off into river beds and reservoirs).</p>	Contractor
<b>143.</b>	Protection of land surface and landscape	Task implementation area	<p><b>Restoration of the fertile soil layer (topsoil) and land reclamation</b></p> <p>After the buildings works have been finished:</p> <p>a) topsoil should be used to recreate the layer of fertile soil.</p>	Contractor

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No.	Issue	Location	Mitigation measure	Responsible party
144.	Protection of greenery and landscape	Task implementation area	<p><b>Periods and rules for cutting down trees and bushes</b></p> <p>The cutting down of trees and bushes and earthworks connected with investment implementation in the period of 1 March to 15 October to be performed under the supervision of the relevant expert naturalist, who, directly before performing it, will inspect the site for the presence of bird nests, and if such are found – will indicate the permitted time and/or the manner of conducting the works. In the remaining period (from 16 October to the end of February), the above-mentioned supervision is not required.</p>	Contractor
145.	Protection of greenery and landscape	Task implementation area	<p><b>Protection of trees exposed to damage</b></p> <p>The exposed roots should be covered with straw or jute mats, at temperatures above 20°C, moistened with water to prevent the roots from drying out, while at temperatures below zero the mats should be dry to prevent the roots from freezing.</p>	Contractor
146.	Protection of greenery and landscape	Task implementation area	<p><b>Principles of conducting works within the root volumes of trees and bushes</b></p> <ul style="list-style-type: none"> <li>a) Perform earthworks conducted within the root systems of trees and bushes manually.</li> <li>b) Do not store the soil, solid or liquid waste which can alter the chemical characteristics of soil (e.g. oils, fuels) within the projection of trees and bushes.</li> </ul>	Contractor
147.	Protection of water and soil	Task implementation area	<p><b>Prevention and actions related to penetration of contaminants into soil and water environment</b></p> <p>Perform the works at the stage of implementation with particular care so as to exclude the possibility of contaminating the ground and water environment. In addition, at the project implementation stage, machinery and vehicle parking areas must be adequately protected against the penetration of contamination into the soil and water.</p>	Contractor
148.	Protection of water and soil	Task implementation area	<p><b>Measures to neutralise spills</b></p> <p>Construction sites and construction site facilities should be equipped with technical and chemical means for minimising the spread of, for removal of or for neutralisation of petroleum contaminants. In the event of leakage of petroleum products, they must be removed or neutralised immediately, and remove the contaminated soils without delay and then treat them properly as waste.</p>	Contractor
149.	Protection of soils and surface waters	Task implementation area	<p><b>Ongoing inspection and repairs of equipment</b></p> <ul style="list-style-type: none"> <li>a) Conduct a systematic inspection of the technical condition of vehicles and equipment that are potential sources of ground and water pollution by petroleum substances,</li> </ul>	Contractor

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No.	Issue	Location	Mitigation measure	Responsible party
			b) At the stage of project implementation, particular attention should be paid to the tightness of fuel systems and no servicing works should be undertaken on the construction site.	
150.	Protection against noise	Task implementation area	<b>Reducing emissions in the vicinity of acoustically protected areas</b> At the stage of project implementation, limit the performance of works to daytime, from 06:00 a.m. to 10.00 p.m.	Contractor
151.	Protection of inanimate resources of nature, animated resources of nature and residents	Task implementation area	<b>Strength and tightness of the water supply system</b> A pressure test should be made for the pipeline to check the strength of the pipes and the tightness of joints. If there is no access to drainage chambers or vacuum tanks, a water permit should be obtained to discharge wastewater into the water or ground.	Contractor
152.	Protection of land surface and landscape	Task implementation area	<b>Rules for handling hazardous waste</b> The wastes produced during construction works should be collected separately in places adapted for this purpose and then should be transferred to entities holding appropriate waste management permits for recovery or neutralisation.	Contractor
153.	Protection of water and soil	Task implementation area	<b>Ensuring adequate hygienic conditions within the work areas</b> At the stage of construction, workers should be provided with access to sanitary facilities equipped with sealed receptacles (e.g. TOI-TOI type).	Contractor
154.	Protection of the river ecosystem	Task implementation area	<b>Organisation of works within the riverbed</b> In areas where construction works will be carried out near watercourses, introduce solutions to prevent them from being backfilled or contaminated with chemical substances.	Contractor
155.	Protection of animated resources of nature	Task implementation area	<b>Ongoing nature supervision at the stage of works implementation</b> At the stage of project implementation, conduct the works under the permanent nature supervision, including specialists in the field of botany and zoology, in particular: ornithology, herpetology, chiropterology, entomology, ichthyology, dendrology. Nature supervision concerns in particular:	Contractor

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No.	Issue	Location	Mitigation measure	Responsible party
			<ul style="list-style-type: none"> <li>a) Determining the location of construction site facilities so as not to disturb valuable natural habitats, habitats of protected species, migration corridors and protection zones for bird nesting sites (herpetologist, ornithologist, entomologist, chiropterologist);</li> <li>b) Inspecting the execution and location of temporary fencing and permanent protection and guidance fencing (herpetologist);</li> <li>c) Inspecting the area covered by the project implementation before the commencement of the works, in forest areas, wetlands, water-muddy areas, in the valleys of watercourses and other areas selected as being of high natural value, with regard to the presence of breeding birds, breeding habitats and individuals of protected animal species, including amphibians (with the possible relocation of individuals outside the area of the planned works) and migrating animals (ornithologist, herpetologist, chiropterologist, entomologist);</li> <li>d) Inspecting the construction site, in particular in places that could be traps for amphibians (buckets, pits, stagnant water, ruts, unprotected elements of drainage systems) for the entire period of activity of the inventoried species. If protected animals are found to be present, individuals should be moved to a habitat appropriate for the species as soon as they are discovered;</li> <li>e) Supervising the works in river valleys and watercourses (herpetologist, ichthyologist);</li> <li>f) Identifying the need to take and indicate additional measures to safeguard or minimise the impact of the construction works on protected species of animals, depending on the local conditions identified (ornithologist, herpetologist, chiropterologist, entomologist, ichthyologist);</li> <li>g) Determining whether the removal or relocation of individuals of animals, plants or fungi from the project area concerns the protected species</li> </ul>	

Table 2 Monitoring measures for implementation for works related to the part of the Contract covering removal of the old and construction of a new water supply network for Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley.

No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
<b>DETAILED REQUIREMENTS</b>						
<b>24 – DETAILED REQUIREMENTS – KŁODZKO FACILITY – WATER SUPPLY SYSTEM</b>						
159.	Protection of land surface and landscape	Limitation of land occupation and of land surface transformation  In order to limit the occupation and transformation of the land surface during the Task implementation, the following Principles should be applied:  a) the area of land occupation for the location of construction site facilities and yards should be limited to the necessary minimum	Task implementation area	Verification/approval of the Contractor's documentation covering land occupation. Visual monitoring, photographic documentation.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Verification/approval of documentation submitted by the Contractor to the Engineer, including the team responsible for implementation of the LARAP. Visual monitoring, photographic documentation.		
160.	Protection of land surface and landscape/Animated nature protection	<b>Rules for locating construction site facilities</b>  The area of the construction site facilities should be located outside the boundaries of protection zones of groundwater intakes, at a distance of not less than 100 m from existing water reservoirs,	Task implementation area	Verification/approval of the Contractor's documentation covering land occupation. Visual monitoring, photographic documentation.	In the period of Task implementation (including, in particular, before the start of works and in the period of works), on a regular basis, not less frequently than once a week.	Contractor's Team

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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
		riverbed and wetland sites, on the sealed and hardened ground		Verification/approval of documentation submitted by the Contractor to the Engineer, including the team responsible for implementation of the LARAP. Visual monitoring, photographic documentation.	In the period of Task implementation (including, in particular, before the start of the works and in the period of works), on a regular basis, not less frequently than once a month.	Engineer's Team
161.	Protection of land surface and landscape	<p><b>Protection of the fertile soil layer (topsoil)</b></p> <p>Before commencing works from places where the existing layer of topsoil (fertile soil) could be degraded:</p> <ul style="list-style-type: none"> <li>a) layer of topsoil should be collected,</li> <li>b) it should be stored properly (protecting it from damage, disintegration, contamination due to the performance of works and the possibility of run-off into river beds and reservoirs).</li> </ul>	Task implementation area	Verification/approval of the Contractor's documentation covering land occupation. Visual monitoring, photographic documentation.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Verification/approval of documentation submitted by the Contractor to the Engineer, including the team responsible for implementation of the LARAP. Visual monitoring, photographic documentation.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
162.	Protection of land surface and landscape	<p><b>Restoration of the fertile soil layer (topsoil) and land reclamation</b></p> <p>After the buildings works have been finished:</p> <ul style="list-style-type: none"> <li>a) topsoil should be used to recreate the layer of fertile soil.</li> </ul>	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of the Contractor's documentation on the reclamation of the temporary occupation places.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team



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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
163.	Protection of greenery and landscape	<p><b>Periods and rules for cutting down trees and bushes</b></p> <p>The cutting down of trees and bushes and earthworks connected with investment implementation in the period of 1 March to 15 October to be performed under the supervision of the relevant expert naturalist, who, directly before performing it, will inspect the site for the presence of bird nests, and if such are found – will indicate the permitted time and/or the manner of conducting the works. In the remaining period (from 16 October to the end of February), the above-mentioned supervision is not required.</p>	Task implementation area	<p>Visual monitoring, photographic documentation.</p> <p>Verification of work schedules.</p> <p>Control of the participation and approvals of the required experts.</p>	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				<p>Visual monitoring, photographic documentation.</p> <p>Verification of documents; submitted by the Contractor to the Engineer.</p> <p>Control of the participation and approvals of the required experts.</p>	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
164.	Protection of greenery and landscape	<p><b>Protection of trees exposed to damage</b></p> <p>The exposed roots should be covered with straw or jute mats, at temperatures above 20°C, moistened with water to prevent the roots from drying out, while at temperatures below zero the mats should be dry to prevent the roots from freezing.</p>	Task implementation area	<p>Visual monitoring, photographic documentation.</p> <p>Control of the participation and approvals of the required expert.</p>	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				<p>Visual monitoring, photographic documentation.</p> <p>Verification / approval of documentation handed over to the Engineer by the Contractor.</p> <p>Control of the participation and approvals of the required expert.</p>	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
165.	Protection of greenery and landscape	<p><b>Principles of conducting works within the root volumes of trees and bushes</b></p>	Task implementation area	<p>Visual monitoring, photographic documentation.</p> <p>Control of the participation and approvals of the required expert.</p>	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team

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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
		a) Perform earthworks conducted within the root systems of trees and bushes manually. b) Do not store the soil, solid or liquid waste which can alter the chemical characteristics of soil (e.g. oils, fuels) within the projection of trees and bushes		Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor. Control of the participation and approvals of the required expert.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
166.	Protection of water and soil	<b><i>Prevention and actions related to penetration of contaminants into soil and water environment</i></b>  Perform the works at the stage of implementation with particular care so as to exclude the possibility of contaminating the ground and water environment. In addition, at the project implementation stage, machinery and vehicle parking areas must be adequately protected against the penetration of contamination into the soil and water.	Task implementation area	Visual monitoring, photographic documentation.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
167.	Protection of water and soil	<b><i>Measures to neutralise spills</i></b>  Construction sites and construction site facilities should be equipped with technical and chemical means for minimising the spread of, for removal of or for neutralisation of petroleum contaminants. In the event of leakage of petroleum products, they must be removed or neutralised immediately, and remove the contaminated soils without delay and then treat them properly as waste.	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor. Control of the participation and approvals of the required experts.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team

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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
168.	Protection of soils and surface waters	<p><b>Ongoing inspection and repairs of equipment</b></p> <p>a) Conduct a systematic inspection of the technical condition of vehicles and equipment that are potential sources of ground and water pollution by petroleum substances,</p> <p>b) At the stage of project implementation, particular attention should be paid to the tightness of fuel systems and no servicing works should be undertaken on the construction site.</p>	Task implementation area	Visual monitoring, photographic documentation.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
169.	Protection against noise	<p><b>Reducing emissions in the vicinity of acoustically protected areas</b></p> <p>At the stage of project implementation, limit the performance of works to daytime, from 06:00 a.m. to 10.00 p.m.</p>	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organisation of works.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
170.	Protection of inanimate resources of nature, animated resources of nature and residents	<p><b>Strength and tightness of the water supply system</b></p> <p>A pressure test should be made for the pipeline to check the strength of the pipes and the tightness of joints. If there is no access to drainage chambers or vacuum tanks, a water permit should be obtained to discharge wastewater into the water or ground.</p>	Task implementation area			

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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
171.	Protection of land surface and landscape	<p><b>Rules for handling hazardous waste</b></p> <p>The wastes produced during construction works should be collected separately in places adapted for this purpose and then should be transferred to entities holding appropriate waste management permits for recovery or neutralisation.</p>	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of documentation related to the transfer of waste to entities holding permits.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
172.	Protection of water and soil	<p><b>Ensuring adequate hygienic conditions within the work areas</b></p> <p>At the stage of construction, workers should be provided with access to sanitary facilities equipped with sealed receptacles (e.g. TOI-TOI type).</p>	Task implementation area	Visual monitoring, photographic documentation. Control of the correctness and dates of holding relevant training.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation handed over to the Engineer by the Contractor. Checking the implementation of appropriate training.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team
173.	Protection of the river ecosystem	<p><b>Organization of works within the riverbed</b></p> <p>In areas where construction works will be carried out near watercourses, introduce solutions to prevent them from being backfilled or contaminated with chemical substances.</p>	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of documentation submitted to the Engineer.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	In the period of Task implementation, on a regular basis, not less frequently than once a month.	Engineer's Team

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No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
174.	Implementation and reporting of EMP execution	<p><b>Ongoing nature supervision at the stage of works implementation,</b></p> <p>At the stage of project implementation, conduct the works under the permanent nature supervision, including specialists in the field of botany and zoology, in particular: ornithology, herpetology, chiropterology, entomology, ichthyology, dendrology. Nature supervision concerns in particular:</p> <ul style="list-style-type: none"> <li>a) Determining the location of construction site facilities so as not to disturb valuable natural habitats, habitats of protected species, migration corridors and protection zones for bird nesting sites (herpetologist, ornithologist, entomologist, chiropterologist);</li> <li>b) Inspecting the execution and location of temporary fencing and permanent protection and guidance fencing (herpetologist);</li> <li>c) Inspecting the area covered by the project implementation before the commencement of the works, in forest areas, wetlands, water-muddy areas, in the valleys of watercourses and other areas selected as being of high natural value, with regard to the presence of breeding birds, breeding habitats and</li> </ul>	Task implementation area	Control of participation of environmental experts in the implementation of current mitigation measures (to the extent corresponding to the current stage of works) and submission of conclusions to the Site Manager.	In the period of Task implementation, on a regular basis, not less frequently than once a week.	Contractor's Team

**ENVIRONMENTAL MANAGEMENT PLAN**

WORKS CONTRACT 2B.1/1

No.	Issue	Subject of monitoring	Place of monitoring	Strategy of monitoring	Period and frequency of monitoring	Responsible party
		<p>individuals of protected animal species, including amphibians (with the possible relocation of individuals outside the area of the planned works) and migrating animals (ornithologist, herpetologist, chiropterologist, entomologist);</p> <p>d) Inspecting the construction site, in particular in places that could be traps for amphibians (buckets, pits, stagnant water, ruts, unprotected elements of drainage systems) for the entire period of activity of the inventoried species. If protected animals are found to be present, individuals should be moved to a habitat appropriate for the species as soon as they are discovered;</p> <p>e) Supervising the works in river valleys and watercourses (herpetologist, ichthyologist);</p> <p>f) Identifying the need to take and indicate additional measures to safeguard or minimise the impact of the construction works on protected species of animals, depending on the local conditions identified (ornithologist, herpetologist, chiropterologist, entomologist, ichthyologist);</p> <p>Determining whether the removal or relocation of individuals of animals, plants or fungi from the project area concerns the protected species</p>		<p>Verification / approval of documentation submitted by the Contractor to the Engineer. Ongoing checks on the fulfilment of current duties by environmental experts in the Contractor's team.</p>	<p>In the period of Task implementation, on a regular basis, not less frequently than once a month.</p>	<p>Engineer's Team</p>

**The change of the basic/baseline text of the EMP, introduced with this Annex, consists in supplementing Appendix 4 to the EMP by additionally introducing Appendix 4d/2:**

- Decision on environmental conditions of the Mayor of the Town of Kłodzko of 6 February 2023, ref.: WI.6220.5.16.2022.KK.

In addition, a provision was changed on the first page of the Decision of the Mayor of the Town of Kłodzko of 6 February 2023, ref.: WI.6220.5.16.2022.KK, which was not consistent with the information contained in the Project Data Sheet, resulting from an unintentional error by the authority issuing the environmental decision.

The change consisted of correcting the information in point 2a, which mistakenly included the location of service roads and yards.

One provision was modified concerning the location of the construction site in relation to protection zones of groundwater intakes and existing water reservoirs, riverbed and wetland sites.

- **Change of the provision on the first page of the decision in point 2a**

[*existing content*]

“the area of the construction site facilities **and service roads and yards** should be located outside the boundaries of protection zones of groundwater intakes, at a distance of not less than 100 m from existing water reservoirs, riverbed and wetland sites, on the sealed and hardened ground”

[*content after the change*]

“the area of the construction site facilities should be located outside the boundaries of protection zones of groundwater intakes, at a distance of not less than 100 m from existing water reservoirs, riverbed and wetland sites, on the sealed and hardened ground”.

**Thus, the basic/baseline text of the EMP is changed, introduced with this Annex, by supplementing Appendix 4 to the EMP by additionally introducing Appendix 4d/3:**

- Decision of the Mayor of the Town of Kłodzko of 27 February 2023, ref.: to WI.6220.5.20.2022.KK, correcting, *ex officio*, an obvious clerical error in the decision of 06 February 2023 ref.: WI.6220.5.16.2022.KK.

### 3. PUBLIC CONSULTATION

#### 3.1 KŁODZKO FACILITY

With the application of 29 July 2021, it was requested to correct an obvious mistake in the decision on environmental conditions of 19 November 2020 (ref.: WOOS.420.20.2020.AP.17). An announcement was issued on 3 September 2021, in which information was made public that a decision was issued, ref.: WOOS.420.20.2020.AP.21, correcting an obvious mistake in the decision of the Regional Director for Environmental Protection in Wrocław of 19 November 2020, ref.: WOOS.420.20.2020.AP.17 on environmental conditions for the project entitled: "Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley - Kłodzko Facility".

It was also made public in the aforementioned announcement that all interested parties may familiarise themselves with the content of the decision on environmental conditions and the content of the decision on the correction of an obvious mistake for the aforementioned project from 3 September 2021 through the website of the Public Information Bulletin of the Regional Directorate for Environmental Protection in Wrocław in the tab announcements and notices.

The announcement was also posted from 10 September 2021 to 24 September 2021 (inclusive) at the project implementation sites:

- in the neighbourhood of the riverbed of the Nysa Kłodzka River, at the junction of Wojska Polskiego Street and Hirschfedera Street;
- in the neighbourhood of the riverbed of the Nysa Kłodzka River, an advertisement post at Wojska Polskiego Street
- in the neighbourhood of the riverbed of the Nysa Kłodzka River, a notice board at Bohaterów Getta Street;
- notice board at the Kłodzko Town Office;
- notice board at the Kłodzko Municipal Office;
- in the neighbourhood of the riverbed, at the gas station, within the Boguszyn cadastral precinct.

In addition, the content of the decision and the case documentation could be viewed at the office of the Regional Directorate for Environmental Protection in Wrocław, Al. Jana Matejki 6, 50-333 Wrocław, from 8:00 a.m. to 2:00 p.m.

No motions or comments were received from the public during the course of the conducted procedures.



### 3.2 KŁODZKO FACILITY – WATER SUPPLY NETWORK

An application was submitted to the Mayor of the Town of Kłodzko on 31.08.2022 for issuing a decision on environmental conditions. The public was informed about the initiation of the procedure by the notice of 07.07.2022 (ref.: WI.6220.5.2022.KK) by making it available in the Public Information Bulletin of the Town Office in Kłodzko.

The Mayor of the Town of Kłodzko issued an Announcement on 8 February 2023 (ref.: WI.6220.5.18.2022.KK), in which information was made public that a decision on environmental conditions of 6 February 2023, ref.: WI.6220.5.16.2022.KK, was issued for the project “*Removal of the old and construction of a new water supply network for Task 2B.1/1 Flood Protection of the Nysa Kłodzka Valley*”.

It was also made public in the above-mentioned announcement that all interested parties may familiarise themselves with the content of the decision on environmental conditions and with the documentation of the case (including the opinion of the State Water Holding Polish Waters Drainage Basin Administration in Nysa of 29.09.2022, ref.: WR.ZZŚ.4.435.136.2022.JP and the opinion of the Regional Director for Environmental Protection in Wrocław of 10.01.2023, ref.: WOOŚ.4220.701.2022.ŁCK.4) in the office of the Town Office in Kłodzko at 1 Bolesława Chrobrego Street, 57-300 Kłodzko (room no. 302) at the office’s working hours, i.e. from Monday to Friday from 7:30 a.m. to 3:30 p.m.

The above announcement was made public from 08.02.2023 for the period of 30 days. No motions or comments were received from the public during the course of the conducted proceedings.

The Mayor of the Town of Kłodzko issued the above-mentioned Decision on 27 February 2023 on correcting, *ex officio*, the content of the environmental decision (ref.: WI.6220.5.20.2022.KK), without having to submit an application in this case. Information concerning the issued Decision, correcting an obvious clerical mistake of the authority issuing the decision on environmental conditions, was made available by the notice in the Public Information Bulletin at the website <http://www.um.bip.klodzko.pl>, in accordance with Article 49 §1 of the Code of Administrative Procedure for 14 days.

No comments were submitted in the proceedings.

## 4. SUMMARY

This Annex no. 1 constitutes an integral part of the Environmental Management Plan established for Contract 2B.1/1 and refers directly to the Facilities implemented under this Works Contract.

The Works Contractor is obliged to apply all the conditions for conducting the works as specified in the appendices to the EMP for Contract 2B.1/1 in line with the clarification provided in chapter 1 of the Annex.

The Contractor is obliged to obtain all administrative decisions necessary for execution of the works, if such necessity is confirmed, at the stage of conducting the works.

## 5. LIST OF APPENDICES

1. App. 1a Map of distribution of natural habitats and plant species in the area of works.
2. App. 1b Map of distribution of animal species in the area of works.
3. App. 1c Location map of the project on the background of boundaries of protected areas.
4. App. 4d\_1 Decision of the Regional Director for Environmental Protection in Wrocław (ref.: WOOŚ.420.20.2020.AP.21) of 2 September 2021 about correcting an obvious clerical mistake in the project description, constituting an appendix to the decision on environmental conditions of the Regional Director for Environmental Protection in Wrocław of 19 November 2020 (ref.: WOOŚ.420.20.2020.AP.17).
5. App. 4d\_2 Decision on environmental conditions of the Mayor of the Town of Kłodzko of 6 February 2023, ref.: WI.6220.5.16.2022.KK.
6. App. 4d\_3 Decision of the Mayor of the Town of Kłodzko of 27 February 2023, ref.: WI.6220.5.20.2022.KK, correcting, *ex officio*, an obvious clerical error in the decision of 06 February 2023, ref.: WI.6220.5.16.2022.KK.