Appendix 2 – Plan of monitoring measures

This Appendix to the Environmental Management Plan of the Works Contract 2B.1/1 Flood Protection of the Nysa Kłodzka Valley presents monitoring measures related to the implementation of the mitigation measures indicated in Appendix no. 1 and nature monitoring measures. The data in the tables below are a summary of monitoring measures to be carried out by the Contractor and the Engineer and Investor/Employer during the term of the Contract.

The costs and the schedule for the implementation of these measures should be included in the total Bid Price. The Contractor shall cover all costs related to implementation of the EMP, and the Accepted Contract Amount shall include these costs.

The plan of monitoring measures will be implemented where necessary taking into account the World Bank's Policy as expressed in the Operational Manual of the Odra-Vistula Flood Management Project, the World Bank's Operational Policy OP.4.12 and the Land Acquisition Plan and in cooperation with the Plan implementation team.

Explanations for the table in Appendix 2 to the EMP:

- unless otherwise specified in a given case, the term ***Task Implementation Area*** means the area of performing any preparatory works, essential works (including Permanent and Temporary Works) and any works related to the removal of defects and faults or the performance of unfinished works listed in the Take-Over Certificate or revealed during the Defects Notification Period, together with the areas of necessary temporary acquisition;

- unless otherwise specified in a given case, the term ***Task Implementation Period*** means the period of performing any preparatory works, essential works (including Permanent and Temporary Works) and any works related to the removal of defects and faults or the performance of unfinished works specified in the Take-over Certificate or disclosed in the Defects Notification Period. Until the end of the Defects Notification Period, the Contractor's Teams and the Engineer's Team also conduct the monitoring measures included in App. 2 to the EMP;

- unless otherwise specified in a given case, the term ***Contractor's Team*** in the column Responsible entity means personally the EMP Coordinator in the Contractor's Team (referred to in item 94 in Appendix no. 1 to the EMP), cooperating with the Site Manager and the remaining part of the Contractor's Team (including, among others, a team of naturalists, a team of archaeological experts, sapper supervision and OHS supervision);

- unless otherwise specified in a particular case, the term ***Engineer's Team*** in the Responsible entity column means personally the Environmental Management Expert in the Contract Engineer's Team, cooperating with the relevant Supervision Inspectors and the rest of the Engineer's team;

- unless otherwise specified in a given case, the requirements for the Contractor described in the EMP refer to the entire Task Implementation Area;

- The construction area / construction site means places where Permanent Works are to be carried out, including storage and working places where Equipment and Materials are to be supplied, as well as other places indicated in the Contract as being part of the Construction

Site. The terms "construction site" and "construction area" are interchangeable terms and are understood in the Conditions of the Contract as "Construction Site".

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
01 - LOCATION AND LIMITATION REQUIREMENTS FOR THE AREA OF PLACES OF TEMPORARY OCCUPATION						
1.	Protection of earth surface and landscape	***Restriction of land occupation and transformations of land surface*** In order to limit the occupation and transformation of the earth surface during the Task execution, the following Principles should be applied: a) the occupation of the land and the transformation of the earth surface during all types of works carried out in connection with the Task should be limited to the necessary minimum, b) in the areas adjacent to the Task implementation area implementation (permanent and temporary occupation) occupy the areas only within the existing communication systems. c) the area of temporary occupation such as: areas for the location of technological and access roads to the construction site, construction site facilities, technological yards and sites for storing construction materials should be limited to the necessary minimum, d) construction site facilities, technological yards and technological roads should be laid with concrete slabs on the ballast. e) detailed location of construction site facilities, roads and technological yards should be determined taking into account the contents of the Land Acquisition Plan, f) location of the places referred to in item c should be agreed in advance with the team of the Contractor's environmental experts. The agreement must be submitted to the Engineer for approval before the execution of works.	Task implementation area	Verification / approval of the Contractor's documentation concerning land occupation. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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 LAP. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
2.	Protection of earth surface and landscape/Animated nature protection	***Rules of location of the construction site facilities and technological roads and yards*** The construction site facilities and technological roads and yards should be located: a) outside areas covered by tall greenery (trees, bushes), which are to be left in accordance with the design documentation, b) outside the area of identified natural habitats and outside the area of habitats and places of occurrence of protected species intended to be preserved in the construction design, c) the location of construction site facilities should be agreed in advance with the Contractor's team of environmental experts. The agreement must be submitted to the Engineer for approval before the execution of works. [conditions a, b of item 2.2.20 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility conditions a, b of item 2.2.22 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility conditions a, b of item 2.2.20 of the environmental decision ref. WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility conditions a, b of item 2.2.22 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Verification / approval of the Contractor's documentation including preparation of roads, construction site facilities and technological yards. Visual monitoring, photographic documentation. Control of the participation of required experts.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing 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 LAP. Visual monitoring, photographic documentation. Control of the participation of required experts.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
3.	Protection of earth surface and landscape/Animated nature protection	***Location of places of temporary occupation in relation to the trees and the riverbed*** Technological roads and yards, stopping and parking places for machinery and equipment and storage of earth masses (including humus) and building materials shall be located at a distance of not less than 2 m from the boundary of the crown projection of trees and bushes crown not intended for felling to protect areas under tree and bush crowns, and at a distance of not less than 50 m from riverbeds and other types of surface water. [condition of item 2.2.24 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.27 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.24 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.26 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Verification / approval of the Contractor's documentation including preparation of roads, construction site facilities and technological yards. Visual monitoring, photographic documentation.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing 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 LAP. Visual monitoring, photographic documentation.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month.	Engineer's Team
4.	Protection of earth surface and landscape	***Designation of vehicle service areas*** Places intended for maintenance of vehicles, machines and equipment (including garaging, refueling and technical service yards, etc.) should be only designated on the site facilities and technological yards properly adapted for this purpose.	Task implementation area	Verification / approval of the Contractor's documentation designation of vehicle service points. Visual monitoring, photographic documentation.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
					frequently than once a week.	
				Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month.	Engineer's Team
02 - BUY-OUTS AND COMPENSATION REQUIREMENTS						
5.	Property acquisition	***Rules relating to temporary occupation*** Temporary occupation will be implemented in accordance with the contents of the Land Acquisition Plan for Task 2B.1/1[1] and the Operational Policy of the World Bank OP. 4.12 The LAP contains a detailed list of activities and procedures related to land acquisition for the implementation of the Task. Activities related	Task implementation area	Verification / approval of the Contractor's documentation concerning land occupation. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

[1] link to the LAP (document in preparation)

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		to the acquisition of land for the purposes of investment implementation are also carried out in accordance with the procedures set out in the LARPF (Land Acquisition and Resettlement Policy Framework[2]).		Verification / approval of documentation submitted by the Contractor to the Engineer, including the team responsible for implementation of the LAP. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
6.	Property acquisition	***Grievance redress mechanism*** Remarks and reservations to the Land Acquisition Plan, as well as any reservations concerning the Plan implementation are, pursuant to the Polish law, classified as Grievance Rehearsal Mechanism. This mechanism also covers the filing and management of any complaints that may be made in the course of the project implementation by persons and entities affected by any of its impacts (including, but not limited to, property buy-outs, temporary occupation of properties and compensation). This issue was discussed in detail in the POM for the OVFM Project[3].	Task implementation area	Verification / approval of the Contractor's documentation concerning land occupation. Visual monitoring, photographic documentation (activities, events covered by complaints and applications).	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
03 - REQUIREMENTS CONCERNING THE TRANSPORT SERVICE OF THE TASK IMPLEMENTATION AREA						

[2] http://odrapcu2019.odrapcu.pl/doc/OVFMP/Ramowy_dokument_dotyczacy_Przesiedlen_i_Pozyskiwania_Nieruchomosci.pdf

[3] http://odrapcu2019.odrapcu.pl/

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
7.	Schedule of works	***EMP conditions concerning the dates of conducting the works*** When setting work schedules and at the stage of their implementation, the EMP conditions regarding the dates and time of conducting various types of work should be taken into account: a) the optimum date for conducting works within the riverbeds (see item 53 app. 1 of the EMP); b) the permissible period for carrying out works in riverbeds (see item 54 app. 1 of the EMP); c) period of conducting water temperature measurements during works (see item 55 app. 1 of the EMP); d) period of conducting suspension concentration measurements during the works (see item 56 app. 1 of the EMP); e) period of conducting works in the case of exceeding the permissible levels of suspended solids concentration (see item 57 app. 1 of the EMP); f) permissible hours of conducting works in the vicinity of acoustically protected areas (see item 34 app. 1 of the EMP); g) acceptable dates for removing trees and bushes (see item 17 app. 1 of the EMP); h) dates of environmental supervision's control felling of trees (see item 18 app. 1 of the EMP); i) agreeing deadlines for carrying out land reclamation works (see item 16 app. 1 of the EMP); j) agreeing on the dates of planting of native tree and bush species (see item 16 app. 1 of the EMP); k) time intervals for conducting electrofishing of fish and lampreys (see item 68 app. 1 of the EMP);	Task implementation area	Verification of work schedules. Current control of compliance with the particular EMP conditions provided for in item 7 in App. 1 of the EMP.	Before the beginning of the implementation period and during the Task implementation period, on an ongoing basis, not less than once a week.	Contractor's Team
				Current control of compliance with the particular EMP conditions provided for in item 7 in App. 1 of the EMP. Verification / approval of documentation submitted by the Contractor to the Engineer.	Before the beginning of the implementation period and during the Task implementation period, on an ongoing basis, not less than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		l) deadlines for reporting the implementation of the EMP (see item 100 app. 1 of the EMP);				

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
8.	Schedule of works	***EMP conditions concerning the dates of conducting the works*** When setting work schedules and at the stage of their implementation, the EMP conditions should be taken into account regarding activities to be carried out before or at the initial stage of works, including: a) conditions for executing and equipping the construction site facilities, technological roads and yards (see items 2, 3, 4 app. 1 of the EMP). b) conditions for the road access to the construction site (see items 9, 10 app. 1 of the EMP); c) conditions concerning quality (pollution) tests of land and river sediments (see items 11, 12 app. 1 of the EMP); d) the condition for removing and securing the topsoil (see item 14 app. 1 of the EMP); e) the condition for securing trees and bushes not intended for felling (see item 23 app. 1 of the EMP); f) the condition for the preparation of environmental inventory (see item 62 app. 1 of the EMP); g) the condition concerning the protection of natural habitat boundaries (see item 70, 71 app. 1 of the EMP); h) the condition concerning the replanting of protected plant specimens (see item 114, 117, 123, 129, 131 app. 1 of the EMP);	Task implementation area	Verification of work schedules. Current control of compliance with the particular EMP conditions provided for in item 8 in App. 1 of the EMP.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		i) the condition for securing the construction site against the entry of small animals (see item 65 app. 1 of the EMP); j) conditions for the development of selected documents (see items 62, 45, 82, 83, 96 app. 1 of the EMP) k) conditions for documentation of technical condition of buildings and infrastructure facilities (see item 10 app. 1 of the EMP); l) the condition for explosive ordnance survey of the site (see item 89 app. 1 of the EMP); m) the condition for inventory of illegal landfills (see item 46 app. 1 of the EMP); n) the condition for obtaining the opinion of the conservator of monuments (see item 79 app. 1 of the EMP); o) the condition for obtaining the Engineer's approval for the person of the EMP execution co-ordinator and the composition of the team of environmental experts, the team of archaeological experts and the team of sapper supervision (see items 94, 95, 96, 97, 98 app. 1 of the EMP); p) the condition for training on the guidelines of the EMP implementation (see item 93 app. 1 of the EMP).		Current control of compliance with the particular EMP conditions provided for in item 8 in App. 1 of the EMP. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
04 - REQUIREMENTS CONCERNING THE TRANSPORT SERVICE OF THE TASK IMPLEMENTATION AREA						

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
9.	Protection of earth surface	***Designation of access roads to the construction site*** The access roads to the construction site shall first be designated on the basis of existing roads. If it is not possible to designate the route of access roads to the construction site based on existing roads, the routes should be arranged in advance with the team of environmental experts and submitted to the Engineer for approval.	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of documentation concerning the transport service of the Task implementation area.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
10.	Protection of earth surface	***Conditions of using access roads to the Task implementation area with their surroundings*** The following conditions apply to the use of access roads to the Task implementation area: a) The Contractor shall draw up traffic organization projects for the duration of the works, in accordance with the provisions of the Technical Specifications and the requirements of the Road Administrators concerning transport routes and their conditions of use, b) The Contractor shall be obliged to agree with the Road Administrators on the planned roads to be used, traffic organization and work security projects. The Contractor is obliged to carry out traffic organization according to the agreed plans (marking and securing the work site and marking detours and recommended road marking related to the change of traffic organization, etc.), c) prior to the commencement of works, the Contractor shall submit the traffic organization and works protection projects and the Schedule, agreed with the traffic management body, to the Engineer for approval. Depending on the needs and progress of the Works, the traffic organization projects should be updated by the Contractor on an ongoing basis (the updates made require agreement with the Road Administrators and traffic management body), d) in accordance with the applicable law and agreements with the Administrators of the roads which will be used by the Contractor, access	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of documentation concerning the transport service of the Task implementation area. Control of the progress of works over these arrangements and compliance with the conditions of the EMP.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		routes will be marked. These markings shall be regularly inspected by the Contractor, and in case of destruction or theft, the Contractor shall immediately restore or supplement them, e) the hardened surfaces in the area of the construction site facilities on which road traffic transporting construction materials will take place should be kept in a proper technical condition and clean, f) The Contractor shall be responsible for any damage to structures and buildings, roads, drainage ditches, culverts, water and gas pipelines, power poles and lines, cables, geodesic matrix points and installations of any kind, and other objects such as vertical and horizontal markings, navigational signs, information boards, cultural objects, etc., caused by them or their Subcontractors during the execution of the works. The Contractor is also responsible for restoring the flow capacity of ditches and drainage installations in the area of the works being carried out and the transport routes being used in the event of damage caused by the works and transport related to the works,		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

		g) The Contractor is required to prepare the photographic documentation of the whole Task implementation area and access roads, with particular emphasis on the technical condition of the roads and buildings located near the roads for transport of construction materials and directly adjacent to the area of the works execution, h) before commencing the works, the Contractor will carry out local site inspections in the presence of the Road Administrators, which will result in drawing up protocols on the condition of access roads to the Task implementation area. On this basis, the Contractor shall be obliged to restore the technical condition of the roads from before the Task implementation period, i) The Contractor shall immediately repair any damage caused at its own expense and, if necessary, carry out other works ordered by the Engineer, The Contractor shall comply with the statutory limits of load per axle when transporting materials and equipment to and from the Task implementation area. The Contractor will obtain all necessary permits from the authorities to transport unusual cargo and will continuously notify the Engineer of any such transport.				

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
05 - REQUIREMENTS FOR THE MANAGEMENT OF SOIL MASSES						
11.	Protection of waters and soils	***Management of soils and sediments coming from the construction site*** The soils and sediments excavated from the channel during the course of the works and only from the locations of the works specified in the design documentation shall be utilized on site first. Quantities of soils and sediments that cannot be managed within the boundaries of the construction site should be managed in accordance with applicable regulations and design documentation. Soils and sediments found to exceed the permitted concentrations of substances (in accordance with applicable waste management and environmental protection legislation) should be treated as waste and transferred to entities holding appropriate permits for their further management (in accordance with the possible stated pollution level). The method of handling soil and sediments should be presented in *the Soil Management Plan*, prepared by the Contractor and submitted to the Engineer for approval before the commencement of the earth works. The following issues should be included in *the Soil Management Plan*: a) Determination of the scope of works related to the extraction of sediments from the riverbed, b) Determination of the methodology of soil and sediment testing, c) Technology and method of planned extraction of sediments from the riverbed,	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of documentation concerning the organization of construction site facilities.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		d) Description of possible ways of disposing of the extracted material and places of its temporary storage, e) Description of the environmental effects potentially related to sediment extraction, f) Determination of the method of dealing with excavated sediments within the Construction Site, taking into account the minimization of environmental effects, g) Identification of areas which, for environmental reasons (e.g. sites of protected species, natural habitats) cannot be taken up as sites of temporary occupation for the management of excavated sediments, e.g. reloading locations, h) Determination of methods of acceptable further development of the excavated soil, in accordance with the classification of soils and sediments on the basis of their quality study. The method of handling soil classified as waste should be also presented in *the Waste Management Plan* prepared by the Contractor and submitted to the Engineer for approval before the commencement of works (in accordance with item 45 of App. 1 to EMP).				
12.	Protection of waters and soils	***Tests of the quality (state of pollution) of excavated soils and sediments in the Task implementation area*** The Contractor will carry out control tests and determine the quality of soils and sediments in the beds of water courses, in accordance with the regulations in force (in accordance with the Waste Act of 14 December 2012 and the relevant executive acts to the Act), planned for:	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of quality testing documentation for excavated earth masses suspected of being contaminated.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		• management within the boundaries of the construction site or • removal outside the boundaries of the construction site. The purpose of the tests is: • establishing the possibility of using soils and sediments within the construction site (if the absence of hazardous substances contamination is confirmed); • establishing acceptable ways of dealing with contaminated soils and sediments. Within the sections of the channel where according to the design documentation the removal of material from the riverbed is planned, 4 - 5 samples from the surface 5 cm layer of sediments and the same number of soil samples should be taken from each section of approximately 50 m length. Samples analysis will be carried out by a laboratory accredited for this type of research, approved by the Engineer. Prior to the commencement of the tests, the Contractor will present the *Soil Management Plan* to the Engineer for approval, which will include, among others, the methodology of planned activities.		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
13.	Protection of waters and soils	***Requirements concerning soils and aggregates from outside of the construction site*** Soils (including earth masses) and aggregates used for construction works and coming from outside the construction site should meet the requirements for soil quality standards and earth quality standards (in accordance with the Environmental Protection Law and its implementing acts), as well as any other applicable laws and standards.	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of land handling documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
06 - PRINCIPLES OF TOP SOIL HANDLING AND RECLAMATION OF LAND SUBJECT TO TEMPORARY OCCUPATION						
14.	Protection of earth surface and landscape	***Protection of the fertile soil layer (humus)*** Before commencing main levelling works and earthworks from places where the existing layer of topsoil (fertile soil) could be degraded: a) collect the humus and then store it in piles, b) piles should be formed in a safe manner (the inclination of the slope of the pile should ensure the stability of the pile and safe conditions for work), c) humus storage sites should be arranged in advance with experts of the Contractor's environmental team and submitted to the Engineer for approval, d) humus piles should be stored in piles that are protected against damage, driving over, contamination and the possibility of run-off into rivers and streams.	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of the Contractor's documentation on top soil management. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
15.	Protection of earth surface and landscape	***Protection and use of humus from sites of protected plant species*** The piles of humus originating from sites of protected plant species or areas of natural habitats should be appropriately marked and then used to restore the fertile soil layer in the areas of original occurrence of protected plant species and natural habitats or their immediate vicinity.	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of the Contractor's documentation on top soil management.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Within the scope of the above-mentioned activities, the Contractor shall develop a *Detailed Quality Assurance Plan*, in which it shall specify, among others, the places where humus from protected plant species or natural habitat areas is collected and stored, as well as planned areas for its reuse.		Control of the participation and approvals of the required experts.		
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer. Control of the approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
16.	Protection of earth surface and landscape	***Restoration of the fertile soil layer (humus) and land reclamation*** After the building works have been finished: a) use humus to recreate the fertile soil layer in the places specified in the project documentation and in the places of temporary occupation, b) treatments facilitating the restoration of green areas should be performed (including seeding with a mixture of native grasses and planting local kinds of trees and bushes). The activities described above should be carried out under the supervision of botanist and dendrologist experts, including, but not limited to: a) agreeing on precise deadlines for works; b) agreeing on the detailed location of sites for the reuse of humus originating from sites of protected plant species or natural habitat areas, c) agreement of the species composition and quantitative proportions of seed mixtures planned for sowing;	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of the Contractor's documentation on the reclamation of the temporary occupation places.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		d) agreement of the species composition and quantitative proportions of tree and bush species planned for planting; e) agreement of conditions for preparation of soil and seedlings; f) agreement of the principles of caring for the recreated green areas; g) submission of the results of the above-mentioned arrangements for the Engineer's approval; h) supervision over the implementation of activities supporting the recreation of green areas and supervision over the care of these areas (until the end of the Defects Notification Period)..				
07 - REQUIREMENTS FOR FELLING, PROTECTING TREES AND BUSHES						
17.	Protection of greenery and landscape	***Periods and rules for felling trees and bushes*** Trees and bushes felling in the period of 1 March to 31 August to be performed under the supervision of the ornithologist expert, who, directly before performing it, will inspect trees and bushes for presence of birds, and if such are found – will indicate the permitted felling performance time. In the remaining period (from 1 September to the end of February), the above-mentioned supervision is not required. [condition of item 2.2.21 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.24 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility	Task implementation area	Visual monitoring, photographic documentation. Verification of work schedules. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification of documents; submitted by the Contractor to the Engineer. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.21 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.23 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]				
18.	Protection of greenery and landscape	***Inspections by environmental experts before felling trees and bushes*** Trees with a breast height of more than 40 cm should only be felled if they have been inspected in advance by ornithologist, entomologist and chiropterologist experts to ensure that they are not a habitat of protected species of animals - birds, saprophytic beetles, bats. The inspection should be carried out no more than 7 days before the scheduled felling date. If protected animal species are found to be present, the date and conditions of felling should be agreed with the above experts. The felling should be carried out under the supervision of the above-mentioned experts. [condition of item 2.2.22 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.25 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.22 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.24 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		The Contractor (if necessary - in proportion to the results of the conducted inspection shall obtain necessary permits for derogations from prohibitions in relation to the protected species of animals, issued by in accordance with the Act of 16 April 2004 on environmental protection).				
19.	Protection of greenery and landscape	***Areas of permitted felling of trees and bushes*** The scope of felling should include only trees and bushes growing in the areas directly colliding with the project implementation. Do not cut down trees and bushes which do not threaten the construction of regulatory walls and occur outside the boundaries of facilities planned for construction and renovation and outside the areas necessary for occupation due to the performance and technology of works (e.g. necessary technological roads, exits from bank slopes to work sites). [condition of item 2.2.23 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.26 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.23 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.25 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
20.	Protection of greenery and landscape	***Areas of permitted felling of trees and bushes*** In any case, the possibility of removing tall vegetation on one bank only should be considered (ideally on the north-eastern, northern or north-western bank, while trees growing on the south-eastern, south and south-western bank should not be removed as far as possible by land and technology). In addition, the possibility of cutting the tree or removing parts of it instead of the whole tree should be considered each time. [condition of item 2.2.26 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.23 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.25 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
21.	Protection of greenery and landscape	***Principles of conducting works within the root volumes of trees and bushes*** The works conducted within the root systems of trees and bushes perform manually only, according to the following conditions: do not cut the coarse roots,	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		excavations should be carried out not closer than 1.5-2 m from the trunk, minimize the time of exposure of roots to drying. [condition of item 2.2.25 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.28 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.25 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.27 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
22.	Protection of greenery and landscape	***Prophylactical trimming of boughs and branches exposed to damage*** Boughs and branches of trees not intended for felling – exposed to damage in connection with the performance of works should be cut off prophylactically or trimmed under the supervision of and as recommended by a dendrologist expert, but if possible, those boughs which form shaded zones in the riverbed should be left. [condition of item 2.2.28 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.31 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.28 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.30 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Control of the participation and approvals of the required experts.		
23.	Protection of greenery and landscape	***Protection of trees exposed to damage*** Prior to commencement of any construction works, the stumps of the trees exposed to mechanical damage should by protected with wooden boards to a height of 2-3 m from the ground level (bottom of the boards is to be based on the substrate). A flexible material (e.g. thick straw mats) should be placed between the boarding and the surface of the tree trunk to prevent abrasion by boarding. The boarding must be fixed to the trunk (e.g. with wire ties or steel tape) in such a way that it does not cause damage to the tree. During the period of the work, the condition of the safety measures should be systematically checked and any damage should be removed. If valuable species of bryophytes and/or lichens are found on the trunk, the trees shall be protected in a way that does not endanger the protected species under the supervision of an appropriate nature supervision expert. [condition of item 2.2.27 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.30 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.27 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.29 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Control of the participation and approvals of the required experts.		
24.	Protection of greenery and landscape	***Care measures in case of damage to trees and bushes*** Should any aerial parts of trees or bushes become damaged during the performance of works, appropriate care measures must be taken immediately under the supervision of a dendrologist expert. [condition of item 2.2.29 of the environmental decision ref.: for the MIĘDZYLESIE Facility condition of item 2.2.32 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.29 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.31 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]				
25.	Protection of greenery and landscape	***Ongoing supervision of the dendrologist expert over the conduct of works*** During the performance of works, ongoing supervision by a dendrologist expert must be ensured, who will determine the detailed handling and protection of trees not intended for felling, whose root system may be exposed to damage as a result of the works carried out. [condition of item 2.2.26 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.29 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.26 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.28 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
08 - ENVIRONMENTAL POLLUTION AND EMISSION PREVENTION REQUIREMENTS						
26.		***Reduction of the spreading of petroleum-based pollutants***	Task implemen	Visual monitoring, photographic documentation.	During the Task implementation period,	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
	Protection of waters and soils	In the case of emissions of petroleum-based pollutants into water, measures must be taken immediately to prevent the spread of the pollutants and to remove the pollutants from the water surface without delay. [condition of item 2.2.2 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.2 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.2 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.2 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	tation area		on an ongoing basis, not less frequently than once a week.	
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
27.	Protection of waters and soils	***Prevention and actions related to penetration of contaminants into soil and water environment*** The works are to be implemented in such a way as to eliminate the risk of penetration of any contaminants, in particular oil derivatives, into the soil and water environment.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		The following rules of conduct must be observed in the case of possible spillage of petroleum substances: a) any leakage is to be immediately removed and contaminated soil layers immediately removed and managed in compliance with the applicable legal regulations; b) the sites affected by the spillage of petroleum substances to be restored to their original state.		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
28.	Protection of waters and soils	***Rules for parking construction and transport equipment*** The construction and transport equipment used in connection with the Task should be discharged at the end of the work or in case of a breakdown to a stopping place to protect the ground surface against the penetration of pollutants into the ground and water environment.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
29.	Protection of waters and soils	***Rules for parking construction and transport equipment*** Machinery and vehicle parking areas shall be adequately protected after the works are completed against the penetration of contamination into the soil and	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		water (in the event of leakage, breakdown of vehicles and machinery), including appropriate sorbent stands [item 2.2.1 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.1 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.1 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.1 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
30.	Protection of waters and soils	***Protection against pollution of the soil and water environment*** Construction site facilities, technological yards, construction material storage areas should be located on hardened area on area provided with protective measures against spillage of oil derivatives to the soil and water environment. Store oils, greases and other hazardous substances in sealed containers, in a place protected from access by third parties. [item 2.2.6 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.6 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		item 2.2.6 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		approvals of the required experts.		
31.	Protection of waters and soils	***Measures to neutralize spills*** At the construction site (especially in places where vehicles, machines, refueling, maintenance, etc. are operated), the Contractor will provide means to neutralize possible leaks and waste (e.g. hydrophobic sorbents, biopreparations, hydrophobic sorption mats in sheets or rolls, sorption pillows and sleeves). Adequate quantities of these agents (e.g. sorbents), suitable for use on solid surfaces and water surfaces, must be provided.	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
32.	Protection of waters and soils	***Having the anti-spill dams on water*** In the Task implementation area, it is necessary to ensure an adequate number of anti-spill dams on water, necessary to be used in case of uncontrolled spills of oil derivatives.	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing 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. Control of the participation and	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				approvals of the required experts.		
33.	Air protection	***Reducing emissions of pollutants into the air*** Reduction of dust from construction sites and roads to be implemented through: a) systematic cleaning of the construction site, b) spraying dusty road surfaces, c) the use of sealed canvas on vehicles transporting materials that may cause dust during transport; [conditions a, b, c of item 2.2.8 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility conditions a, b, c of item 2.2.8 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility conditions a, b, c of item 2.2.8 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility conditions a, b, c of item 2.2.8 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] d) cleaning vehicle wheels before entering the public roads, e) cleaning surface of internal technological roads,	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organization of works.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		f) other actions for prevention of contamination of local roads with sand and mud, moved by vehicles, g) sprinkling of surfaces of internal technological roads.				
34.	Protection against noise	***Reducing emissions in the vicinity of acoustically protected areas*** Works carried out in the vicinity of acoustically protected areas shall only be carried out between 6.00 a.m. and 8 p.m., any exceptions to this rule must be based solely on the technological specifics for the execution of the given type of works and must be related to ensuring the adequate quality of the works. [condition of item 2.2.9 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.9 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.9 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.9 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organization of works.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
35.	Protection against noise	***Noise reduction through appropriate technologies and work organization***	Task implemen	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		It is necessary to use the technologies of construction works which are least burdensome in terms of acoustics, maintain good work management, correct equipment operation and ensuring correct technical order;	tation area	Verification of documentation concerning the organization of works.	less frequently than once a week.	
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
36.	Protection against noise	***Protection of local residents against noise*** The Contractor will apply technical solutions ensuring proper acoustic conditions in the vicinity of the existing buildings, and if necessary (including at the Engineer's request) will use portable acoustic screens. Before installing the screens, the Contractor shall inform the residents about the planned works causing increased noise emission. Before proceeding with the installation of the acoustic screens, the Contractor will carry out noise measurements, as well as perform them after installation. The Contractor shall inform in advance the owners and/or users of the facilities about the planned works related to high noise emissions. In addition, it is planned that appropriate information boards will be installed at places and times when works posing a risk of high noise emissions will be carried out. Prior to the commencement of the implementation of this condition of the EMP, a *Detailed Quality Assurance Plan* concerning the above-mentioned works should be submitted for approval of the Engineer.	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organization of works.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
37.	Soil, surface water and air protection/noise protection	***Ensuring the use of fully operational equipment*** Equipment used for construction work must meet the following conditions: a) be fully operational and meet the requirements for its use; b) the type and technical condition of the equipment used during construction must ensure protection of the soil, surface water and groundwater against pollution and protection against excessive noise emission to the environment; c) the technical state of working construction and transportation machines should be checked in order to eliminate the spillage of petroleum hydrocarbons into the ground and water.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
38.	Protection of soils and surface waters	***Current control and repair of equipment*** The necessary repairs and maintenance of the machines in operation must be carried out as required in order to prevent leaks in the hydraulic and fuel systems.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
39.	Soil, surface water and air protection/noise protection	***Use of equipment ensuring sanitary air protection*** The construction equipment and machinery used must meet the following conditions as regards protection of the sanitary condition of the air: a) construction machinery should have modern drive units with limited exhaust emissions; b) the level of pollutants emitted by vehicles must not exceed the European standards contained in Directive 98/69/EC (& 2002/80/EC) - EURO IV and Directive 2007/715/EC [13] - EURO V; c) the type and technical condition of the equipment used during construction must ensure protection against exceeding the limit values for dust and gas emissions into the air.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
40.	Protection of soils and surface waters	***Appropriate storage of materials and equipment*** Store materials and equipment in designated areas, adequately protected from soil and water contamination.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
41.	Protection of soils and surface waters	***Environmentally safe storage of materials and raw materials*** The materials and substances intended for use in the implementation phase shall be stored in separate places, in an environmentally safe manner, in particular the Contractor shall ensure that the following conditions are met: a) store materials and raw materials as far away from the riverbed as possible, b) store materials and raw materials in appropriate containers, c) use adequate and appropriate protection of bulk materials to be used during the construction phase against discharge and excessive dusting, d) in justified cases, roof the surfaces where building materials will be stored, for which there is a risk of substance leaching and their possible infiltration into the ground.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
09- REQUIREMENTS CONCERNING HANDLING WASTE						
42.	Protection of earth surface and landscape	***Preventing dusting and dispersing light fractions*** The wastes generated during the implementation of works should be categorized and stored separately in tight containers or at places being enclosed and adapted for this purpose, under conditions which prevent dusting and dispelling light fractions, and their negative effects on the environment. [condition of item 2.2.3 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.3 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organization of works.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		item 2.2.3 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.3 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]				
43.	Protection of earth surface and landscape	***Rules for handling hazardous waste*** Segregation and storage of hazardous waste to be conducted in designated sealed containers set up on hardened, marked and secured against access by third parties, until they are handed over to entities authorized to further manage such waste. [condition of item 2.2.4 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.4 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.4 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.4 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Visual monitoring, photographic documentation Internal verification / approval documentation related to the transfer of waste to entities holding permits for its disposal.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
44.	Protection of earth surface and landscape	***Treatment of waste containing asbestos*** The disposal and transport of wastes containing asbestos shall be carried out only by licensed operators. [condition of item 2.2.5 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.5 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.5 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.5 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] If hazardous waste containing asbestos is found, it should be handled in accordance with the regulations contained in the Regulation of the Minister of Economy, Labor and Social Policy dated 2 April 2004 on methods and conditions for safe use and disposal of asbestos-containing articles (Journal of Laws 2004 No. 71 item 649 as amended)	Task implementation area	Visual monitoring, photographic documentation. Visual monitoring, photographic documentation Internal verification / approval documentation related to the transfer of waste to entities holding permits for its disposal.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
45.	Development of *a Waste Management Plan*	***Development of a Waste Management Plan*** Within 42 days from the date of commencement of the works, the Contractor shall develop and submit to the Engineer for approval *a Waste Management Plan* related to the execution of the Contract, specifying the method of managing waste, including hazardous waste generated in the course of the works, taking into account, among others, the guidelines for handling waste, included in Appendix 1 to the EMP such as: a) Encountered and predicted and volumes of waste, b) Type of waste generated (inter alia, waste from construction, renovation and dismantling of buildings and road infrastructure - including soil from polluted areas, hazardous waste, municipal waste, waste containing asbestos). c) Manners of preventing negative impact of the waste on environment, Manners of waste management with taking into account collection, transportation, recovery and treatment of waste.	Task implementation area	Control of progress on the development of the Waste Management Plan and its compliance with the EMP.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification of documents; submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
46.	Protection of waters and soils	***Prevention of illegal landfill sites*** Before the commencement of the works, the Contractor shall make a reconnaissance of the Task implementation area, with respect to the presence of illegal waste dumps. During the implementation of the Task, the Contractor secures the Task implementation area against the occurrence of such dumps.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
					less frequently than once a month.	
47.	Protection of waters and soils	***Ensuring adequate hygienic conditions within the work sites*** The necessary number of mobile toilets must be provided in the work site and all staff must be trained to maintain adequate hygiene conditions. The performance of the training should be documented, including on the basis of the attendance list.	Task implementation area	Visual monitoring, photographic documentation. Control of the correctness and timing of relevant training.	During the Task implementation period, on an ongoing 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. Checking the implementation of appropriate training.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
10 - REQUIREMENTS RELATING TO THE PREVENTION AND ERADICATION OF INVASIVE PLANT SPECIES						
48.	Protection of animate nature and human safety	***Disposal of humus and earth masses originating from sites of invasive plant species*** Humus originating from sites of invasive plant species (Sosnowsky's/Mantegazzi hogweed, invasive reynoutria species) should be disposed of outside the work site in a way that does not threaten the expansion of these species in the new location. Humus contaminated by invasive plant species may not be reused for the reclamation of temporary sites.	Task implementation area	Visual monitoring, photographic documentation. Internal verification / approval of the Contractor's documentation on top soil management. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Prior to transporting the soil, including humus containing invasive plant species from the Construction Site, the Contractor shall present the planned method and place of disposal for the Engineer's approval.		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer. Control of the approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
49.	Protection of animate nature and human safety	***Removal of invasive plant species*** In the area where the works are being carried out, the identified specimens of invasive plant species should be removed during the works. The works should be carried out under the ongoing supervision of an expert botanist - phytosociologist who will indicate the most effective method of control for each plant species in a given location. [condition of item 2.2.34 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.37 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.34 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility	Task implementation area	Visual monitoring, photographic documentation. Internal control of the Contractor's documentation relating to methods of combating invasive plant species.	During the Task implementation period, not less frequently than once a week.	The Contractor till the end of the Defects Notification Period
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, among others, before the start of the works and during the works period), not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.36 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] Within the scope of the above-mentioned activities, the Contractor shall develop a *Detailed Quality Assurance Plan*.				
11 – GENERAL PRINCIPLES OF CARRYING OUT WORKS WITHIN BEDS OF WATERCOURSES						
50.	Protection of the river ecosystem	***Organization of works within the riverbed*** Construction and regulatory works in riverbeds and on bank slopes shall be carried out in such a way that the front of the works moves with the river current (excluding works in the area of bridges and footbridge, water intake renovation, weir reconstruction, construction of ramps, buttresses and embankment, modernization of flood embankments, construction of buttresses). [condition of item 2.2.7 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility item 2.2.7 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility item 2.2.7 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility item 2.2.7 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Verification / approval of documentation submitted to the Engineer.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
51.	Protection of the river ecosystem	***Guidelines for technology for carrying out works*** Works shall carried out with "from the land" technology. It is allowed to carry out works in the riverbed only if it is not possible to carry out works from the bank, in the case of e.g. existing infrastructure, buildings, trees, collisions with the sites of protected species and natural habitats and naturally valuable species of trees. [condition of item 2.2.11 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.11 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.11 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.11 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] NOTE! Perform the works with "from the water" technology using a micro excavator. Separate the active riverbed from the work zone with a temporary cofferdam made of natural material (e.g. sandbags made of tear-resistant material). The drained part of the riverbed will be lined with fascine mattresses in the technological belt of machine movement, in order to limit direct impact on the	Task implementation area	Visual monitoring, photographic documentation. Inspection of the Contractor's documents concerning the execution of works within the riverbed. Verification / approval of documentation submitted to the Engineer.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer’s Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		river bottom (dilapidation, disturbing the structure of the bottom, initiating the erosion process). After the execution of works within one bank slope, the zone of works will be transferred to the opposite slope (applies to cases where on a given section of the river both bank slopes are covered by works). This action requires the fish trapping procedure to be repeated. When working with heavy rip-rap, do not throw stones from cars directly into the riverbed. First of all, the stone should be unloaded on the riverbank and then the individual blocks of stone should be moved from bank to channel with an excavator, the works connected with the forming and laying of rip-rap should be performed from land (if land conditions allow it). After the works have been completed, the bottom should be restored to its original condition (bottom substrate, method of water flow).				
52.	Protection of the river ecosystem	***Limitation of suspended solids inflow to river waters*** Limit the duration of conducting the works within the riverbeds and the inflow of suspended solids into the waters. [condition of item 2.2.12 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.14 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility	Task implementation area	Visual monitoring, photographic documentation. Verification of documentation concerning the organization of works.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.12 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.14 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]				
53.	Protection of the river ecosystem	***Optimum date for conducting works within the riverbeds*** It is advised to carry out works in riverbeds in the period from 1 June to 30 September (except for the period of spawning and incubation of stream trout eggs and spawning of other fish and lampreys). [condition of item 2.2.13 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.15 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.13 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.15 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Verification of work schedules. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification of documents; submitted by the Contractor to the Engineer. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
54.	Protection of the river ecosystem	***Optimum date for conducting works within the riverbeds*** It is permitted to carry out works in the beds of watercourses in the period from 1 June to the end of February after prior consultation with the ichthyologist responsible for nature supervision. If the ichthyologist identifies spawning grounds, egg incubation sites, shelters for larvae or fry of fish and/or lampreys – in sections of watercourses where ongoing works are planned – follow the ichthyologist's instructions. In the period from 1 March to 31 May, do not carry out works in watercourses. [condition of item 2.2.14 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.14 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation. Verification of work schedules. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Verification of documents; submitted by the Contractor to the Engineer. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
55.	Protection of the river ecosystem	***Conducting measurements of water temperature during work periods*** If the water temperature of 18° C is exceeded, it is recommended to stop working until the temperature is lowered. The water temperature should be	Monitoring points on the section	Measuring the water temperature with an electronic meter.	During the Task implementation period, on ongoing basis, at least once every 3 days,	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		measured in the sections covered by the works (one measurement point per 500 m of river section), at least once every 3 days, and during the period of high air temperatures (over 25° C) – measurements should be taken daily. [condition of item 2.2.15 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.17 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.15 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.17 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	covered by the works (one point every 500m)		and during the period of high air temperatures (over 25° C) – measurements should be taken daily.	
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
56.	Protection of the river ecosystem	***Conducting measurements of suspended solids concentration during work periods*** Measure the suspended solids concentration in water on a daily basis. Measurement points should be located 200 m below the site of the earthworks in the riverbed or on the bank slopes. Measurements should be taken at least 3 hours after the start of works on the given day. [condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility	The monitoring point is located approx. 200 m below the site of the works	Measurement of suspended solids concentrations in water using automated suspended solids measurement equipment that allows readings to be taken directly during or after the measurement.	During the Task implementation period, on an ongoing basis, not less frequently than once a day during the period of works in the riverbed. The monitoring of suspended solids concentrations should	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]			be carried out daily, taking measurements after at least 3 hours of work (with normal intensity).	
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
57.	Protection of the river ecosystem	***Rules to be followed in the event of an exceedance of the permitted levels of suspended solids*** If a concentration of suspended solids above 40 mg/l is found, works must be stopped. Works can be restarted 3 hours after the suspended solids have fallen below 40 mg/l. If a concentration of suspended solids above 60 mg/l is found, works must be stopped by the end of the day.	Task implementation area	Visual monitoring, photographic documentation. Control of the implementation of the required procedures.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		They can only be restarted after remeasurement and when the suspended solids concentration is below 40 mg/l. It is recommended to use automated suspended solids measuring equipment to obtain readings directly during or after the measurement. Before proceeding with the above-mentioned activity, the Contractor shall present to the Engineer a Detailed Quality Assurance Plan for the above-mentioned works, where it will be specified, among others, the precise method of conducting measurements, types of equipment planned to be used, etc. [condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.16 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
58.	Protection of the river ecosystem	***Use of environmentally friendly materials*** To strengthen slopes and the bottom of the watercourse, use only natural materials as the main building block, i.e. fascine, fascine hurdle, rip-rap. Other	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		materials should be (e.g. concrete) used only to secure bridges and to make elements of the ramps. Use rip-rap of the stone of different sizes for bottom revetment. For structures which are concrete structures (regulatory walls, lying walls), their finish on the visible surface should be made of natural stone. [condition of item 3.3.3 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 3.3.2 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 3.3.3 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 3.3.2 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
59.	Protection of the river ecosystem	***Disposal of natural morphological elements only in justified cases and under the supervision of ichthyologist*** Natural morphological elements such as mid-bed and bank outwashes should be removed under the supervision of an expert ichthyologist and only where it is	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		necessary for the technology and organization of the works and where it is relevant to ensure appropriate floodwater flow conditions. [condition of item 2.2.12 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.12 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
60.	Protection of the river ecosystem	***Maintaining water flow and migration conditions for aquatic organisms*** Water flow and migration conditions for aquatic organisms must be maintained. If it is necessary to temporarily restrict the free migration of aquatic organisms, the working conditions should be agreed with an expert ichthyologist each time. [condition of item 2.2.13 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.13 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
61.	Protection of the river ecosystem	***Technical requirements for design of ramps*** The technical designs of ramps planned for the conversion of the existing sills should be developed in consultation with a specialist ichthyologist in order to	Task implementation area	Visual monitoring, photographic documentation. Verification of work schedules. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		ensure free migration of fish and lampreys[4] occurring in the Nysa Kłodzka. The ramp design should consider a moderate inclination (ideally 1:25), the use of wedge stone of different grain sizes without the use of concrete (for the top layer only) and the execution of a hollow in the central part of the ramp to ensure the possibility of migration in low water flow conditions. The proposed structure should be based on larger boulders (dimensions approx. 0.8-1.2 m), founded in semi-circular rows (convex arch in the upstream direction), which together with the bottom layer of stones filling the gaps (0.4-0.6 m fraction) should be founded in concrete in order to better stabilize the structure and increase its resistance to extreme surge flows. The bottom concrete layer, impermeable for water, will also limit water infiltration into the ramp structure, which will provide sufficient depth for the migration of fish in the low water conditions. However, the top layer of the ramp should be made of rip-rap (0.2-0.5 m), wedged between the larger fraction and the boulders embedded in the concrete. This will ensure that smaller fish species (e.g. Bullhead, Brook Lamprey, Stone Loach, Common Minnow) or invertebrates can use the space between the stones as hiding places and migration routes. [condition of item 3.3.5 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 3.3.5 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification of documents; submitted by the Contractor to the Engineer. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

[4] Technical designs together with ichthyologist expert's agreement for design solutions for facilities and devices serving fish migration are included in contractual documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
12 – ANIMATED NATURE PROTECTION REQUIREMENTS						
62.	General principles of protection of animated nature resources	***Performing a one-off nature inventory*** Before starting the works, a one-off nature inventory (made by the Contractor's team of environmental experts, referred to in item 95 App. 1 of EMP) of the areas planned for temporary and permanent occupations should be made, aimed at: a) establishing the current distribution of the patches of natural habitats included in the Annex I of Habitats Directive (Council Directive 92/43/EEC), sites of protected plant, fungi and animal species, b) determining the sites of potential occurrence of such species, c) determining the current location of invasive plant species, d) the Contractor shall deliver the results of one-off nature inventory to the Engineer within 21 days from its completion.	Task implementation area	Confirmation of the Contractor's performance in one of the monthly reports on the execution of the Contract, supported by field inspection protocols and reports of the nature supervision team. Control of participation of required experts in the Contractor's team.	One time, before starting the works.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	One time, before starting the works.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
63.	General principles of protection of animated nature resources	***Current inspections of the nature supervision team during the Task implementation period*** The works and other works performed during the Task implementation period should be carried out under current supervision of the Contractor's team of environmental experts (referred to in item 95 App. 1 of EMP). These experts should, in accordance with the specialization and type of performed works, inter alia, carry out regular inspections of the entire Task implementation area (at least once a month) and provide their comments and recommendations to the Contractor's personnel responsible for carrying out the works in accordance with the conditions of the EMP. The notes from the inspections should be made in writing, attached to the monthly reports on the implementation of the EMP conditions (referred to in item 100 of app. 1 of the EMP).	Task implementation area	Visual monitoring Control of the participation and approvals of the experts required.	During the Task implementation period, on an ongoing basis, daily during the Task implementation period.	Contractor's Team
				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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
64.	General principles of protection of animated nature resources	***Obtaining necessary derogations from prohibitions in relation to protected species*** The Contractor (if necessary - in proportion to the results of the conducted environmental stocktaking referred to in item 62 of App. 1 of EMP) shall obtain all necessary permits for derogations from prohibitions in relation to the protected species of plants, fungi and animals, issued by in accordance with the Act of 16 April 2004 on environmental protection. The draft of the application for a derogation from the prohibitions applicable to protected species of plants,	Task implementation area	Control of the participation and approvals of the required experts. Control the progress of obtaining and transmitting required administrative decisions and reports on their implementation to the Engineer.	During the Task implementation period (including, among others, before the start of works and during the works period), not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		fungi and animals shall be submitted by the Contractor in advance to the Engineer for approval. In the case of obtaining the relevant permits, the Contractor shall perform the activities specified in the administrative decisions and prepare the required reports on their implementation, according to their content. The reports shall be submitted to the Engineer 30 days before the date of their submission to the licensing authority.		Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period (including, among others, before the start of the works and during the works period), not less frequently than once a month.	Engineer's Team
65.	General principles of protection of animated nature resources	***Reduction of incidental animal mortality*** In order to reduce the incidental mortality of animals within the Task implementation area, the following principles should be implemented: a) during the works, the presence of pits with steep edges, into which small animals could fall, should be kept to a minimum. If they arise, they should be checked regularly (at least once a day) for the presence of animals (checks by a herpetologist and mammalogist expert). Release the trapped animals to places where they will not be threatened, b) Before backfilling the ditches, check for the presence/absence of animals, and those accidentally caught in the ditches should be released to the nearest safe place,	Task implementation area	Control of the participation and approvals of the required experts. Control the progress of obtaining and transmitting required administrative decisions and reports on their implementation to the Engineer.	During the Task implementation period (including, among others, before the start of works and during the works period), not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		c) use protection of wells, excavations, collectors, etc. against the possibility of small mammals, amphibians and reptiles falling into them. In the event of animals entering these facilities, they should be constructed in such a way as to allow the animals to get out by themselves, d) in cases where animals trapped in the above-mentioned facilities cannot get out by themselves, they must be safely pulled out and moved outside the work site, e) the transfer of animals should be carried out under the supervision of a herpetologist or mammalogist expert, the Contractor's team of naturalists, experienced in dealing with such cases.		Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period (including, among others, before the start of the works and during the works period), not less frequently than once a month.	Engineer's Team
65.	General principles of protection of animated nature resources	***Taking into consideration the conditions resulting from the existence of protected areas*** During the construction works, the Contractor is obliged to observe the standards, prohibitions and indications and to respect the restrictions resulting from the existence of areas and objects created on the basis of the Nature Protection Act.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
67.	General principles of protection of animated	***Notification of the expert ichthyologist in case of danger to fish*** If dead fish or such showing the signs of hypoxia (movement impairments - swimming on the side) are observed in the river in the area of the works carried	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
	nature resources	out, it is absolutely necessary to stop the works and immediately inform the expert ichthyologist about this fact. [condition of item 2.2.17 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.19 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.17 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.19 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
68.	General principles of protection of animated nature resources	***Advance catching of fish and lampreys from the zone of conducting works*** In the sections intended for the construction of a temporary cofferdam in the riverbed, immediately after fencing off the work zone (before the water is pumped out), the following should be done under the supervision of an ichthyologist: a) fish and lampreys should be caught (by means of a three-fold follow-up electrofishing carried out at 1-hour intervals),	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		b) during electrofishing, special attention be paid to catching larvae of European Brook Lamprey *Lampetra planeri* from the outwashes of silt and detritus inhabited by them and specimens of European Bullhead *Cottus gobio* and Alpine Bullhead *Cottus poecilopus*, which use hiding places under rocks and in the patches of dense water vegetation. c) Collect also the larger invertebrates observed during catching, d) The same catching of fish and lampreys should be made immediately prior to the start of works on the sections where the removal of mud and gravel outwashes is foreseen, e) fish and lampreys should be caught (by means of a three-fold follow-up electrofishing method carried out at intervals of 1 hour) immediately before the start of works within the riverbed in the area up to 50 m above and below the planned works consisting in the reconstruction of sills, barrages and weirs into ramps and migration channel construction, f) the caught organisms shall be transferred to another part of the bed, outside the area of works in the river's upstream region. The transport should take place as soon as possible (after each of the repeated electrofishing), in suitable containers with aerated water or foil sleeves with water and oxygen and at the lowest possible temperature [condition of item 2.2.18, 2.2.19 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.20, 2.2.21 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer. Control of the participation of required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		condition of item 2.2.18, 2.2.19 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.20, 2.2.21 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] The measures shall be carried out under constant supervision of an expert ichthyologist. Before proceeding with the above-mentioned activity, the Contractor shall develop and submit to the Engineer a Detailed Quality Assurance Plan in this scope.				
69.	Protection of ichthyofauna	***Elimination of foreign and invasive fish species*** If foreign species are found (when conducting fishing) listed in the *Regulation of the Minister of the Environment of 9 September 2011 on the list of plants and animals of foreign species which, if released to the environment, may threaten native species or natural habitats (JoL 2011, No. 210, item 1260)* – e.g. Topmouth Gudgeon – they must not be reintroduced into the river (they should be humanely killed).	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.20 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.18 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.20 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] The measures shall be carried out under constant supervision of an expert ichthyologist.		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
70.	Protection of animated nature	***Securing nature habitat patches*** The patches of natural habitats adjacent to work sites, but not intended to be removed (in accordance with the design documentation) should be visibly marked and effectively protected against damage under the supervision of an expert phytosociologist (before the commencement of works).	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item 2.2.30 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.33 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.30 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.32 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
71.	Protection of animated nature	***Marking of patches of the natural habitat 3260*** Prior to the commencement of the works on the watercourse, protect against damage by appropriate marking of the patches of the natural habitat 3260 Lowland and foothill rivers with white water-crowfoot communities *Ranunculion fluitantis*	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis control, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		In case of incipient destruction (after obtaining the relevant permit by the Contractor from RDOŚ/GDOŚ) transfer the plants to a section of the watercourse which will not be covered by the works. The works should be performed under the supervision of a botanist – phytosociologist. [condition of item 2.2.36 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.38 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.35 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.38 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
72.	Protection of animated nature	***Advance control of facilities for presence of birds and bats*** Immediately before starting works within the existing retaining walls, footbridges and bridges, these facilities should be inspected for bird nests and bat shelters. In case of finding bird nests and bat shelters within the objects to be covered by the	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		works, the works should be carried out according to the recommendations and under the current supervision of an expert ornithologist and/or chiropterologist. [condition of item 2.2.31 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.34 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.31 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.33 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
73.	General principles of protection of animated nature resources	***Protection of amphibian migration sites*** If new amphibian migration sites are identified during the period and in the areas of performing the works, such areas should be adequately protected to reduce the mortality of amphibians that may result from the works. Safeguards shall include the installation of herpetological hurdles, regular inspection of amphibian trapping containers to be installed along the hurdles and the individuals of	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		amphibians should be transferred out of the work site into areas with suitable habitat conditions. The works shall be carried out under the supervision of an expert herpetologist. [condition of item 2.2.32 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.35 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.32 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.34 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
74.	General principles of protection of animated nature resources	***Providing retaining walls with nesting niches for birds*** In the reconstructed, renovated and new retaining walls, leave horizontal niches with square-shaped inlet dimensions of 11 x 11 cm and a depth of up to 25 cm, at a height of about 1– 2 m above the average water level (depending on the wall height), not less than 0.3 m from the upper edge of the wall. Execute not less than 40 such niches over the entire section of works, and the niches should not be	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		distributed fairly evenly over the entire section of works. The works shall be carried out under the supervision of an ornithologist[5]. [condition of item 3.3.1 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 3.3.1 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 3.3.1 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 3.3.1 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
75.	General principles of protection of animated	***Prohibition of the use reinforcements presenting a risk to animals*** Do not use gabion mattresses or baskets.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

[5] technical designs containing the solutions indicated in item 74 are included in the technical designs that are part of the contract documents for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
	nature resources	[condition of item 3.3.4 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 3.3.3 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 3.3.4 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 3.3.3 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
76.	General principles of protection of animated nature resources	***Creation of microhabitats for fish in the riverbed*** Do not remove boulders or stones from the watercourse bed. In the regulated, homogeneous parts of the riverbed, solutions should be introduced to increase the diversity of habitats, e.g. introduce boulders and large stones with a diameter of 30-50 cm in groups of 3-5 pcs, serving as shelters for fish. Conduct the above-mentioned works under the supervision of an expert ichthyologist.	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
					During the Task implementation period, on an ongoing basis, not	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item 3.3.6 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 3.3.4 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 3.3.5 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 3.3.4 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	less frequently than once a month.	Engineer's Team
13 - REQUIREMENTS CONCERNING THE PROTECTION OF CULTURAL MONUMENTS						
77.	Protection of archaeological values	***Measures within discovered archaeological sites.*** For the whole period of performance of the Task, the Contractor shall ensure the participation of a team of expert archaeologists (archaeological supervision). The actions of the archaeological team serve the appropriate protection and removal of valuable objects and other elements of historical value from the working site and will enable the performance of specific works. Depending on the needs, a team of archaeological experts can consist of one or more people with the appropriate professional licenses. The composition of the team of archaeological experts requires the Engineer's approval. Prior to the	Task implementation area	Visual monitoring, photographic documentation. Control of the progress of work on the *Quality Assurance Plan* for the activities of the team of archaeologists' experts and its compliance with the requirements of the EMP. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		commencement of the works, the Contractor shall submit for the Engineer's approval *a Detailed Quality Assurance Plan* for the activities of the team of archaeological experts.		Visual monitoring, photographic documentation. Control of the implementation of the required procedures. Control of the participation of required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
78.	General arrangements for the protection of cultural heritage and monuments	***Rules of conduct in case of discovery of movable monuments or archaeological sites*** If during construction works or earthworks the Contractor discovers an object likely to be a historical object, he/she is obliged to suspend all the works which could damage or destroy discovered object; furthermore, such a person is obliged to secure the object with available protective measures as well as a discovery site; in addition, this person is obliged to notify the Voivodeship Monuments Conservator, and if not possible, the relevant mayor. The Contractor shall simultaneously notify the Engineer in this respect.	Task implementation area	Visual monitoring, photographic documentation. Control of the participation of required experts. Control of obtaining the necessary arrangements and decisions.	During the Task implementation period, on an ongoing 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. Control of participation of required experts, control of obtaining required arrangements and decisions.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
79.	General arrangements for the protection of	***Obtaining permission from the Voivodeship Monuments Conservator*** For the purpose of implementing the above measures specified in item 77 and 78 of App. 1 of EMP related with protection of cultural heritage and	Task implementation area	Monitoring of the progress of the authorization in question. Control of the transfer of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
	cultural heritage and monuments	monuments, the Contractor, if so needed, will also obtain, under an authorization granted by Employer, the permit of the Voivodeship Monuments Conservator (VMC) for the performance of archaeological rescue research.		Checking the compliance with the arrangements contained in the authorization in question.	less frequently than once a week.	
				Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
14 -REQUIREMENTS FOR PROTECTION OF HUMAN HEALTH AND SAFETY						
80.	Protection of human health and safety	***Appropriate storage of building materials*** Materials used for construction work should be stored in a way that protects them from damage and does not endanger the safety of the environment, people and property.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
81.	Protection of human health and safety	***Ensuring safety conditions during the performance of works*** Machinery, appliances and other equipment must be operated in such a way as not to endanger the safety of the environment for people and property, and to	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		preclude the possibility of the machinery and equipment overturning, sliding or rolling over.			less frequently than once a week.	
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
82.	Protection of human health and safety	***Ensuring human health and safety, including fire protection*** Before proceeding to Works, the Contractor will develop and submit for the Engineer's approval the HASP plan, and then will carry out the Works according to the provisions of the HASP plan. The fire protection requirements included in the HASP should also include a ban on burning fires and burning flammable materials within the Task implementation area	Task implementation area	Visual monitoring, photographic documentation. Monitoring of the progress of the works over preparation of documents. Control of the transfer of documents to the Engineer.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
83.	Protection of human health and safety	***Development of documents related to the security of people, property and environment in the Task implementation area***	Task implementation area	Visual monitoring, photographic documentation. Monitoring of the progress of the works over preparation of these documents.	During the Task implementation period, on ongoing basis.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Before proceeding to Works, the Contractor will develop and submit for the Engineer's approval the following documents:		Control of the transfer of documents to the Engineer.		
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

		a) Due to the risk of flooding, a document entitled: *Flood protection plan for the construction* site, which will take into account the local hydrological and meteorological conditions around the construction site. In the event of a flood, the Contractor shall follow the procedures described in the above document, b) *A project for the organization of the construction site*, which will include such elements as: location of the construction site, development of the construction site, securing the construction site, technological roads, environmental protection at the construction site, c) *A quality assurance plan* which will include, among other things, elements such as: organization of the execution of works, organization of traffic on the site with marking of works, health and safety and environmental protection, list of working teams, responsibilities of key personnel, quality control, laboratory tests, d) *A plan for dealing with uncontrolled emissions (leakage) of petroleum products,* which should include, inter alia, elements on how to deal with spillage of chemical and petroleum products, e) *ES Management Strategies and Implementation Plans (management strategies and implementation plans for environmental, social, health and safety risks)*, which includes, among others, elements such as: - description of actions taken to manage risks, description of materials and equipment used, - description of management processes, which will be carried out by the Contractor and its subcontractors in order to minimize risks, The Contractor shall update, as required, the ES Code of Conduct for Contractor Personnel (Code of Conduct), prepared at the Bidding stage, ensuring the implementation of measures to address environmental and social risks related to the implementation of the Task, including the risk of				

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		sexual exploitation, sexual abuse and sexual harassment), which includes, among others, the Contractor's obligations, in particular with respect to environmental protection, social matters, health and safety.				
84.	Protection of human health and safety	***Rules on notification of crisis situations*** In case of an emergency situation (other than flooding), accident, major breakdown, etc., the Contractor is obliged to take the following actions: a) immediately notify the relevant services (Fire Brigade, Ambulance, Police, etc.); b) until arrival of the relevant services, carry out the necessary measures to reduce the risk of loss of staff, property and the environment (as far as possible agreed with the relevant services); c) notify the Engineer and the Employer; d) upon arrival of the relevant services, strictly follow their recommendations and instructions, e) the procedure of cooperation and informing the parties to the Contract was described in the Instruction to the Contractor, provided by the Engineer to the Contractor before the commencement of works. The said instruction will include contact details (including email address) according to the staff structure of the Engineer, Contractor and PIO assigned to Contract execution.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
85.	Protection of human health and safety	***Designation and appropriate marking of danger zones*** Within the Task implementation area, with the participation of the OHS expert, the Contractor is obliged to designate hazardous areas that pose a threat to human health and life, and mark these areas with warning signs and additionally protect them against unauthorized access.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation.	During the Task implementation period,	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Verification / approval of documentation submitted by the Contractor to the Engineer.	on an ongoing basis, not less frequently than once a month.	
86.	Protection of human health and safety	***Requirement of proper protection and marking of the work site*** The Contractor is obliged to secure and mark the construction site. The Contractor's Health and Safety experts shall be responsible for ensuring that the construction site is properly marked in accordance with applicable law. The marking shall be checked regularly, and in case of damage or theft of the marking, the Contractor shall immediately reconstruct or supplement it.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
87.	Protection of human health and safety	***Ensuring adequate visibility conditions*** In case of necessity to carry out works after dark and in conditions of limited visibility, the Contractor will provide lighting sources allowing to obtain appropriate light intensity for working conditions. The Contractor shall ensure constant conditions of day and night visibility of safety elements and marking of the construction site - barriers and signs, for which it is indispensable for safety reasons.	Task implementation area	Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing 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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
88.	Protection of human health and safety	***Principles of prevention of diseases such as HIV AIDS and other infectious diseases, including for example COVID 19*** The Contractor, through an approved service provider, will conduct training and implement an HIV-AIDS awareness program and take all other measures to reduce the risk of HIV transmission between and among the Contractor's staff and the local community. These actions should be performed in accordance with the conditions specified in the Contract *Bidding Documentation* (Part *General Conditions, clause 6.7*). Training will also cover other infectious diseases (e.g. COVID 19).	Task implementation area	Control of compliance of the Contractor's actions with the subject conditions of the Contract.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification / approval of documentation submitted by the of the Engineer to the Contractor.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month.	Engineer's Team
89.	Protection of human health and safety	***Sapper supervision in the Task implementation area*** In order to minimize the risk associated with the possibility of hazardous items of military origin occurring in the Task implementation area, the Contractor shall provide:	Task implementation area	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts. Control of the transfer of documents to the Engineer.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less frequently than once a week and each time in case of occurrence of a	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		a) before the commencement of the works - carrying out the reconnaissance of the Task implementation areas in terms of the presence of unexploded ordnance (the report with the results of the above-mentioned sapper reconnaissance should be submitted to the Engineer), b) in the course of earthworks - sapper supervision over the works (carried out by the team of sapper supervision of the Contractor), consisting in current checking and clearing the Task implementation area from dangerous objects of military origin together with their disposal; c) in case of finding in the area of implementation of the Task dangerous objects of military origin - implementation of procedures described in item 90 of App. 1 to the EMP.			situation covered by the condition.	
				Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts. Verification / approval of documentation submitted by the of the Engineer to the Contractor.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month and each time in case of occurrence of a situation covered by the condition.	Engineer's Team
90.	Protection of human health and safety	***Rules for handling unexploded munitions or unexploded ordnance*** In case of finding potentially hazardous items of military origin: a) stop the works immediately, b) evacuate persons and equipment from the area around the find and protect against unauthorized access, c) immediately notify the sapper supervisor and the Police and follow their instructions,	Task implementation area	Visual monitoring, photographic documentation. Control of the implementation of the required procedures. Control of the transfer of documents to the Engineer.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less frequently than once a week and each time in case of occurrence of a	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		d) notify the Engineer and the Employer, e) potentially hazardous items of military origin found absolutely must not be categorically lifted, dug up, buried, transferred, thrown into fire or water, etc. before the arrival of the Contractor's sapper supervision or military disarming patrol			situation covered by the condition.	
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the of the Engineer to the Contractor.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month and each time in case of occurrence of a situation covered by the condition	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
91.	Protection of human health and safety	***Rules of conduct in the event of occurrence of surge waters and flood waters*** a) before starting the works, a Flood Protection Plan for the Construction Site in case of flooding should be drawn up, the plan must be approved by the Engineer, b) the construction facilities should be located: • beyond the reach of the flood waters with probability of 10%, (so-called ten-year water); • at a distance of not less than 50 m from waters and wetlands (applies to construction site facilities), c) construction site Flood Prevention Committee should be established, composed of engineering and technical personnel, d) constant monitoring of information on water levels and rainfall forecasts should be carried out, e) a permanent assessment of the state of flood protection in relation to the existing construction site should be carried out and the organizational readiness, means and equipment for flood protection of workers, the site and construction facilities should be monitored, f) in the case of forecast high water levels in rivers and streams, the construction site must be protected from the negative effects of surface water flow and people, equipment and materials must be evacuated according to the extent of the hazard.	Task implementation area	Visual monitoring, photographic documentation. Control of the implementation of the required procedures. Control of the transfer of documents to the Engineer.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less frequently than once a week and each time in case of occurrence of a situation covered by the condition.	Contractor's Team
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the of the Engineer to the Contractor.	During the Task implementation period (including, among others, before the start of the works and during the works period), on an ongoing basis, not less frequently than once a month and each time in case of occurrence of a situation covered by the condition	Engineer's Team
15 – REQUIREMENTS FOR PROTECTION OF BUILDINGS AGAINST NOISE AND VIBRATION						

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
92.	Protection of human health and safety	***Documentation of and monitoring the technical condition of the buildings exposed to vibrations.*** Prior to commencing the works, during which vibrations may occur that threaten the local residents and nearby buildings and infrastructure facilities, the Contractor shall carry out an inventory of the zero status of existing buildings and facilities, with particular emphasis on cracks and damage. During the performance of the aforementioned works, the Contractor will monitor the condition of these buildings and facilities or the vibration level on a regular basis (not less frequently than once a week), while at the same time complying with the noise protection requirements (see items 32, 34, 35, 36 of App. 1 of EMP). In case of the risk of emission of vibrations at the level posing the danger of deterioration of the existing condition of buildings and infrastructure, it is necessary to apply less emissive methods of performing the works (e.g. installation of sheet piling walls by pressing). Prior to documenting and monitoring the technical condition of buildings and infrastructure exposed to vibrations, the Contractor shall develop and submit to the Engineer for approval *a Detailed Quality Assurance Plan* in this regard. The Contractor is obliged to present the results of the inventory of the zero status of buildings and infrastructure facilities in the form of photographic documentation (see item 10 g of App. 1 of EMP).	Task implementation area with the surroundings	Visual monitoring, photographic documentation. Analysis of documentation in the field of vibration and vibration monitoring, possibly installation of slot gauges and other measuring equipment.	During the Task implementation period (before the start of works), on an ongoing 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. Control of vibration monitoring system/method. Analysis and evaluation of the Contractor's documents.	Before the commencement of the works and during the works implementation period, on an ongoing basis, not less frequently than once a month	Engineer's Team
16 - REQUIREMENTS FOR THE CONTRACTOR'S PERSONNEL INVOLVED IN THE IMPLEMENTATION OF THE EMP						

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
93.	Enforcement and reporting of EMP implementation	***Training for the Contractor's staff in scope of EMP Implementation of EMP enforcement*** The Contractor is responsible for conducting the training (completed with a test verifying the knowledge of participants) on the rules and conditions of the EMP and the protective indications during construction for its managerial and engineering-technical construction supervision personnel, which the Contractor should prepare with the help of its team of environmental experts. Employees of the Contractor who will deal with fuels and other oil-derivative and other substances harmful to health and the environment should be trained in the principles of protection of the soil and water environment and the use of measures to protect it, including the use of sorbents. In monthly reports submitted to the Engineer, the Contractor will provide information on the state of training of the Contractor's personnel in the conditions of the EMP in the current reporting period.	Task implementation area	Checking that all required persons currently working on the Contract have completed the training and submitting their applications to the Site Manager.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification of the information on training of the Contractor's staff provided to the Engineer together with monthly reports. Ongoing checks of the knowledge of the EMP conditions by the Contractor's current staff.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
94.	Enforcement and reporting of EMP implementation	***Appointment of the EMP coordinator in the Contractor's team*** The Contractor's team will appoint a person to coordinate and supervise the activities related to the implementation of the EMP. The duties of this person will include: a) supervision over the implementation of particular conditions of the EMP in subsequent stages of the Task implementation;	Task implementation area	Checking the presence of the required person in the Contractor's team. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		b) ongoing monitoring of the state of implementation of particular conditions from Appendixes 1 and 2 of the EMP in the Task implementation area; c) informing the management of the Contractor's team on a current basis about the obligations resulting from the EMP at a given stage of works, as well as about problems in the implementation of the EMP; d) cooperation with the remaining part of the Contractor's team (including the team of nature experts team, the team of expert archaeologists of the Contractor, the team of supervisors of the Contractor's sapper, OHS supervision specialists) in order to ensure proper implementation of the EMP; e) implementation of the EMP; f) cooperation with persons responsible for the implementation of the EMP in the Engineer's and Employer's team; Engagement of the above-mentioned expert within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task. The person appointed to perform the aforementioned function requires the Engineer's approval.		Checking the presence of the required person in the Contractor's team. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
95.	Enforcement and reporting of EMP implementation	***Current nature supervision at the stage of works implementation*** Works to be carried out under the current nature supervision of the following experts: phytosociologist/botanist (protected natural habitats and protected species of plants), dendrologist (principles of care and protection of trees), entomologist (protected species of invertebrates, macrozoobenthos), ichthyologist (fish and lampreys), herpetologist (amphibians and reptiles),	Task implementation area	Control of participation of environmental experts in the implementation of current mitigation actions (to the extent corresponding to the current stage of works) and submission of conclusions to the Site Manager.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		ornithologist (birds), chiropterologist (bats), theriologist (mammals other than bats). [condition of item 2.2.10 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility condition of item 2.2.10 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility condition of item 2.2.10 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility condition of item 2.2.10 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility] These experts will be involved in the implementation of selected mitigation and monitoring measures established in the EMP, in particular: a) mitigation measures mentioned in the Appendix 1 to EMP, b) monitoring measures mentioned in the Appendix 2 to EMP. Engagement of the above-mentioned experts within works concerning other tasks of OVFMP or in any other ventures may not limit their availability for the said Task. The personnel composition of the Contractor's nature supervision team requires the Engineer's approval.		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.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		One member of the team of environmental experts may combine at most two nature specializations.				
96.	Implementation of EMP enforcement	***Ensuring the team of archaeology experts*** Throughout the whole period of the Task implementation, the Contractor will ensure the participation of a team of archaeological experts. These experts will be involved in the implementation of selected mitigation measures identified in the EMP. The members of the team of archaeological experts must have the appropriate professional qualifications. The composition of the team of archaeological experts requires the Engineer's approval. Prior to the commencement of the works, the Contractor shall submit for the Engineer's approval *a Quality Assurance Plan* for the activities of the team of archaeological experts.	Task implementation area	Control of the participation of archaeologists' experts in the implementation of current mitigation actions (to the extent corresponding to the current stage of the works) and submission of applications to the Site Manager.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer. Ongoing checks on the fulfilment of current duties by archaeologists experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
97.	Implementation of EMP enforcement	***Providing a team of OHS experts*** Throughout the whole Task implementation period the Contractor shall ensure the participation of OHS experts. These experts will be involved in the day-to-day supervision, implementation and control of compliance with regulations and	Task implementation area	Control of participation of OH&S experts in the implementation of current mitigation measures (to the extent corresponding to the	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		rules relating to health and safety at work. The members of the occupational health and safety expert team must have appropriate industry qualifications, in accordance with Polish labor law. The composition of the team of OHS experts requires the Engineer's approval. Before starting the works, the Contractor shall submit for the Engineer's approval *a Quality Assurance Plan* for the activities of the team of OHS experts. Before the commencement of works, the Contractor's OHS supervision will conduct a dedicated training for the Contractor's staff in the field of occupational safety and accident hazard during the Task execution.		current stage of works) and submission of conclusions to the Site Manager.		
				Verification / approval of documentation submitted by the Contractor to the Engineer. Ongoing checks on the fulfilment of current duties by archaeologists experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
98.	Implementation of EMP enforcement	***Providing a sapper supervision team*** Throughout the entire Task implementation period, the Contractor shall ensure the participation of the sapper supervision team. This team will be involved in the implementation of selected mitigation measures established in the EMP. The experts of the sapper supervision team must have appropriate industry qualifications. The personnel composition of the sapper supervision team requires the Engineer's approval. Prior to the commencement of the works, the Contractor shall submit for the Engineer's approval a *Quality Assurance Plan* for the activities of the team of sapper supervision experts.	Task implementation area	Control of the participation of sapper's supervision team in the implementation of current mitigation measures (to the extent corresponding to the current stage of the works) and submission of applications to the Site Manager.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer. Ongoing checks on the fulfilment of current duties by sapper supervision experts in the Contractor's team.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
99.	Implementation of EMP enforcement	***Reports of the Contractor's team of environmental experts*** The Contractor's team of environmental experts shall conduct reporting including: a) preparing periodic reports (monthly, quarterly and final report) on the implementation of the conditions specified in the EMP; b) monthly reports will be submitted in the form of a checklist with the necessary attachments, including reports on the implementation of environmental supervision; c) possibly other reports and reports related to the implementation of activities specified in the EMP recommended to be executed by the Engineer, the above-mentioned reports will be submitted to the Engineer	Task implementation area	Control the progress of development and transmission of required reports and information to the Engineer. Control of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
17 – REQUIREMENTS FOR REPORTING OF EMP IMPLEMENTATION						
100.	Implementation of EMP enforcement	***Reporting the status of EMP implementation in monthly reports*** During the Task implementation period, the Contractor will submit to the Engineer monthly reports on the implementation of the conditions specified in the EMP (in the form of a checklist with the necessary attachments, including reports on the implementation of environmental supervision). The template of the above report (checklist) requires the Engineer's approval. Depending on the circumstances, the Engineer may request the Contractor to present additional reports, concerning, in particular, the arising emergency situations, implementation of selected items of EMP and others.	Task implementation area	Control the progress of development and transmission of required reports and information to the Engineer. Control of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
101.	Periodical meetings concerning the implementation of mitigation and monitoring measures	***Discussing the implementation of the EMP during working meetings and on Construction Site Meetings*** During the period of implementation of the tasks resulting from the EMP, monthly meetings of the PIO, Engineer and Contractor teams will be held in order to discuss and control the implementation of mitigation and monitoring measures. Regardless of the above, the current requirements and problems related to the implementation of the EMP will be discussed during Construction Site Meetings.	Contractor's Office/ Engineer's office/Employer's office	Control of holding the meetings in question and control of discussing issues related to the implementation of the EMP at Construction Site Meetings.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Contractor's Team (at least - EMP Coordinator, Site Manager)
				Control of holding the meetings in question and control of discussing issues related to the implementation of the EMP at Construction Site Meetings.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's team, PIO
18 – DETAILED REQUIREMENTS OF THE WORLD BANK'S ES POLICIES						
102.	Protection of human health and safety.	***ES Code of Conduct*** The Contractor shall take all necessary measures to ensure that the Contractor's personnel are informed about the ES Code of Conduct submitted with the tender and described in point 6.13 of the text of the EMP, including specific prohibited behaviors, and that they understand the consequences of engaging in such prohibited behaviors. The Contractor shall also ensure that the ES Code of Conduct is visibly presented in the locations where the Contractor's staff stay.	Task implementation area	Visual monitoring. Control of the transfer of documents to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Contractor's Team
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		This condition applies to the Contractor and its staff, regardless of the legal form of cooperation and Subcontractors and their staff respectively.			less frequently than once a month.	
103.	Protection of human health and safety.	***Prevention of sexual harassment and mobbing*** The Contractor is obliged to provide such conditions during the performance of the Contract in order to prevent mobbing and sexual harassment of its staff and Subcontractors, as well as other persons (both related to the performance of the Contract and outsiders).	Task implementation area	Visual monitoring. Verification of the register of complains and applications.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Visual monitoring. Verification of the register of complains and applications. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team
104.	Protection of human health and safety.	***Raising awareness on combating sexual harassment and mobbing*** The Contractor, through a qualified service provider approved by the Engineer, will conduct training and implement an awareness-raising program to combat sexual harassment and mobbing. These activities will be carried out during the entire term of the Contract including the defects notification period at least every second month. These will take the form of information, education and awareness-raising campaigns.	Task implementation area	Verification of the qualification of service delivery. Verification of training documentation and awareness-raising program.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period. Once a month.	Engineer's Team
105.	Protection of human health and safety.	***Reporting of sexual harassment and mobbing cases*** It is the Contractor's duty to inform the Engineer immediately of all reported cases and suspicions of sexual harassment and mobbing.	Task implementation area	Verification of the register of complains and applications.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		All cases of reported and suspected sexual harassment and mobbing should be entered in the register of complaints and requests kept by the Contractor. In the case of harassment or sexual harassment, it is the duty of the Contractor to take actions to end such conduct immediately and to enforce all legal consequences for the perpetrators of such conduct. The Contractor is also obliged to provide all necessary assistance and support to victims of these behaviors.				
				Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team
106.	Protection of human health and safety.	***Ensuring the possibility of submitting complaints and requests by the staff employed to carry out the Task*** The Contractor will inform all persons employed on the construction site about the possibility of lodging complaints about working and pay conditions and will deliver an information leaflet with the necessary information about lodging complaints and requests, in which it will ensure that there are no repercussions for the person lodging the problem. The rules of conduct described in the leaflet must not contradict the hints given in the document entitled "Grievance redress mechanisms" published at the World Bank's website[6]. The content of the leaflet will be agreed with the Consultant. The Contractor will keep a register of complaints and requests.	Task implementation area	Verification of the register of complains and applications.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team
107.	Protection of human health and safety.	***Ensuring accident-free working conditions*** The Contractor shall ensure in the Task implementation area and outside the Task implementation area (during activities related to Task execution, e.g. during transport) such conditions as to prevent accidents involving persons connected	Task implementation area	Visual monitoring. Verification of construction and post-accident documents.	During the Task implementation period, continuous monitoring with monthly reporting and each time a	Contractor's Team

[6] https://openknowledge.worldbank.org/handle/10986/20119; https://openknowledge.worldbank.org/handle/10986/12524

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		with Contract execution, including The staff of the Contractor, Engineer, Employer, Subcontractors, etc., and third parties. In the event of such accidents, it is necessary to: • ensure proper treatment of the victim without delay; • secure the scene; • inform the Engineer, Employer and PCU as soon as possible about the event and about the Contractor's reaction to the event; • notify the relevant services and allow them to reach the scene.			conditioned event occurs.	
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team
108.	Protection of human health and safety.	***Conditions of employment of juvenile workers*** In connection with the performance of the Contract, the Contractor may employ only such a juvenile employee who is at least 15 years old, has completed at least eight years of primary school and has presented a medical certificate stating that the work of a given type does not threaten their health. The minimum age for a worker participating in construction and other works involving risks to human health and safety is 18 years.	Task implementation area	Visual monitoring. Checking of employee records.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team
109.	Protection of human health and safety.	***OH&S of the Contractor*** The Contractor, during the Task implementation period, will ensure constant health and safety supervision. The scope of responsibilities, qualifications and personnel composition of the Contractor's health and safety services shall be in accordance with the Polish Labor Law. Before starting the works, the Contractor's OHS supervision will conduct a dedicated training for the Contractor's staff in the field of occupational safety and accident hazard during the Task execution. Within the Contractor's team, a person will be designated to whom employees, in anonymous or named form, may report any situations and incidents of	Task implementation area	Visual monitoring. Checking of employee records.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Visual monitoring. Verification of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, constant monitoring.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		harassment, discrimination and other bad relations during the performance of work. Employees will also be informed of the personal details of the person to whom the above described reports can be made and how to make complaints.				
110.	Protection of human health and safety.	***Ensuring that working conditions comply with law and standards*** The Contractor is obliged to apply and observe all the provisions of the labor law in force in Poland, in particular all the provisions of the Labor Code, and will act in accordance with the ES Code of Conduct. In particular, the following issues should be reflected in the Contractor's employment policy and remuneration regulations: • ensuring equal pay for workers doing the same job without taking into account gender, sexual orientation or age; • ensuring that persons employed under the Contract are not persecuted or discriminated against on the basis of gender, sexual orientation and age; • ensuring that the Contractor, in accordance with the possibilities and conditions and the Polish provisions of the Labor Code, satisfies the living and social needs of employees in the workplace; • ensuring that the Contractor ensures that it makes it easier for employees to improve their professional qualifications.	Task implementation area	Visual monitoring. Checking of employee records. Control of the implementation of the procedures described in the Contractor's individual documents and legal regulations.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Verification of documentation handed by the Contractor to the Engineer. Direct random checks on compliance with the procedures described in the Contractor's individual documents and legal regulations.	During the Task implementation period, constant monitoring.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
111.	Protection of human health and safety.	***Obligation to observe all ES policies' requirements and conditions*** The Contractor shall be obliged to apply and observe all ES policies' requirements and conditions (i.e. the ones related to environmental, social and health and safety issues) as determined in the Contract documents: a) Contract documents, in the Operational Policies and Procedures of the World Bank concerning protection of environment and social matters (see description in chapter 6 in the text of the EMP), b) WB's Environmental, Health and Safety (EHS) Guidelines – see description in chapter 6 in the text of the EMP), c) ES Code of Conduct (developed on the stage of filing a bid (see description in chapter 6 in the text of the EMP), d) documents of the Contractor listed in item no. 83 in Appendix 1 to the EMP, e) resulting from the legislation valid in Poland (including the Labor Code, the Construction Law, and others). The ES requirements and conditions determined in reference to the Contractor and its personnel in the aforementioned sources (regardless of the legal cooperation form) are also valid in the scope relevant for a given case for Contractor's subcontractors and their personnel and their subcontractors.	Task implementation area	Visual monitoring. Checking of employee records. Control of the implementation of the procedures described in the Contractor's individual documents and legal regulations.	During the Task implementation period, constant monitoring with reporting once a month.	Contractor's Team
				Verification of documentation handed by the Contractor to the Engineer. Direct random checks on compliance with the procedures described in the Contractor's individual documents and legal regulations.	During the Task implementation period, constant monitoring.	Engineer's Team
19 - GUIDELINES FOR DEALING WITH THE SITUATION IN THE EVENT OF AN EPIDEMIC OR STATE OF EPIDEMIC RISK DURING THE EXECUTION OF WORKS						
112.	Protection of human health and safety	In the event that an epidemic or a state of epidemic emergency state of epidemic is in force during the execution of works, the Contractor is obliged: a) to provide the persons on the Construction Site with all necessary precautions to maintain the health and safety of physical workers,	Task implementation area	Visual monitoring. Checking of employee records. Control of the implementation of the procedures described in the Contractor's individual	During the Task implementation period, on an ongoing basis, not less frequently than once a week in case of	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Contractor's Personnel, to the extent described in the Terms and Conditions of the Contract, in particular to introduce appropriate measures to avoid or minimize the spread of diseases, including measures aimed at avoiding or minimizing the transmission of infectious diseases that may be associated with the inflow of temporary or permanent labor, related to the performance of the Contract, in the manner specified in the applicable Law, e.g. in those issued pursuant to Article 46a of the Act of 5 December 2008 on preventing and combating infections and infectious diseases in humans (unified text Journal of Laws of 2019, item 1239 as amended) Regulations on establishing certain restrictions, orders and prohibitions in connection with the occurrence of a state of epidemic, b) designate a person responsible under the Contract for matters relating to health and safety at work during an epidemic or a state of epidemic emergency, c) implement relevant recommendations of the World Bank and state (sanitary and administrative) services in the Republic of Poland, d) cooperate with the Employer and the Engineer, in particular, provide current information on the precautions taken or planned, including the appropriate protection of the Construction Site against unauthorized access, the procedures introduced and the appropriate updating of the documents described in section 6.13, in particular the HASP Plan, Waste Management Plan, Construction Site Organization Plan, Management Strategy and ES Implementation Plans, e) organize an information campaign (e.g. posters and instructions on the Site) on the symptoms and signs of infection, the spread of the virus, protection measures (including regular hand washing)		documents and legal regulations.	occurrence of an event covered by the condition.	
				Verification of documentation handed by the Contractor to the Engineer. Direct random checks on compliance with the procedures described in the Contractor's individual documents and legal regulations.	During the Task implementation period, on an ongoing basis, not less frequently than once a week in case of occurrence of an event covered by the condition.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		f) organize, in a safe sanitary form, training for manual workers, Contractor's staff at least in the following scope: • updated procedures and documents, • the symptoms and signs of COVID-19 (or any other infectious disease in connection with an established state of epidemic/epidemic emergency), including self-monitoring of symptoms, spread of the virus, available protection measures, • the treatment in case of noticing symptoms of the disease in themselves and others, • the applicable regulations concerning the quarantine of workers and their families, remuneration for the period of illness, isolation or quarantine, the provision of health care, including sanitary transport, carried out in connection with the prevention of infection, • the applicable procedures for signaling infringements or reporting complaints by employees, • waste handling - e.g. masks, gloves, disinfectants and cleaning products. In the course of a state of epidemic emergency or state of epidemic, within the limits of the law, training should be provided by electronic means of communication or in the form of self-education. The above rules should be applied in an appropriate manner in the event of declaring a state of epidemic or epidemic emergency in connection with another infectious disease in the Republic of Poland.				
DETAILED REQUIREMENTS						

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
20 – DETAILED REQUIREMENTS – MIĘDZYLESIE FACILITY						
113.	Protection of the earth surface and landscape/Water protection	***Principles of location of places of temporary occupation*** Construction site facilities, technological yards, construction material and humus storage areas should be located at a distance of not less than 50 m from surface waters. [condition of item 2.2.6 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Implementation area of the Międzylesie Facility	Verification / approval of the Contractor's documentation including preparation of roads, construction site facilities and technological sites. Visual monitoring, photographic documentation.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing 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 LAP. Visual monitoring, photographic documentation. Control of the participation of required experts.	During the Task implementation period (including, among others, before the start of works and during the works period), on an ongoing basis, not less frequently than once a month	Engineer's Team
114.	Protection of animated nature	***Current supervision of a dendrologist expert – works on a nature monument*** All works in the vicinity of the natural monument (Western Cedar *Thuja gigantea)* growing by the bank of the Nysa Kłodzka River shall be performed under the current supervision of an expert dendrologist. Before starting the works, a	Implementation area of the	Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		dendrological expert's opinion should be prepared, including an indication of how to minimize the impacts according to the current state of the object. The scope of works in the area of the object should be limited to the necessary minimum resulting from technical and technological reasons[7]. [condition of item 2.2.35 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Międzylesie Facility			
				Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
115.	Protection of animated nature	***Necessity to make an inventory of protected plants species, including aphids, prior to commencement of works*** Prior to the commencement of the works, an inventory of protected plant species and aphids in the Nysa Kłodzka riverbed and the Dolna stream in the sections where the works are planned should be made. Next, plants/stones inhabited by the above-mentioned species should be moved from the areas at risk of destruction, where the presence of the above-mentioned species was found, under the supervision of expert botanists, and then deposited in other sections,	Implementation area of the Międzylesie Facility	Confirmation of the Contractor's performance in one of the monthly reports on the execution of the Contract, supported by field inspection protocols and reports of the nature supervision team. Control of participation of required experts in the Contractor's team.	One time, before starting the works.	Contractor's Team

[7] The technical solutions for the Międzylesie Facility are included in design documentation for the Międzylesie Facility provided as part of documentation for Contract 2B.1/1

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		not covered by the works, in places suitable for the habitat, upstream of the river above the works implementation sites. [condition of item 2.2.33 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]		Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	One time, before starting work.	Engineer's Team
116.	Protection of the river ecosystem	***Obligation to make arrangements with an expert ichthyologist for the designs of ramps for the migration of aquatic organisms*** Technical solutions for the barrages planned for conversion to the ramps: H-16 at km 172+971; H-17 at km 173+527; H-18 at km 173+603 and H-19 at km 174+588 of the Nysa Kłodzka River should ensure free migration of fish and other aquatic organisms. The ramp design is to be agreed with an expert ichthyologist experienced in designing fish passes[8]. [condition of item 3.3.2 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Implementation area of the Międzylesie Facility – sills: H-16 at km 172+971; H-17 at km 173+527;	Visual monitoring, photographic documentation. Inspection of the Contractor's documents concerning the execution of works within the riverbed. Control of the participation and approvals of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

[8] the expert ichthyologist's agreement on the design of the fish pass is included in the design documentation of the Międzylesie Facility, forming part of documentation for contract 2B.1/1. The works should be carried out according to the design documentation for the Międzylesie Facility, included in the documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
			H-18 at km 173+603 and H-19 at km 174+588 of the Nysa Kłodzka River	Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
117.	Restoration of the state of environment	***Obligation to carry out stocking with stream trout*** If it is necessary to carry out works in the period from October to the end of February, which will result in losses of stream trout eggs in the spawning grounds below the site of the works performance, stocking with stream trout should be carried out annually during the works performance period in cooperation with an expert ichthyologist. For stocking, stocking material from the Nysa Kłodzka catchment area must be used and the size of the stocking	Implementation area of the Międzylesie Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		density must be based on an assessment of the real losses in the species population and the amount of stocking material introduced by the fishing user. In addition, the expert ichthyologist, in consultation with the fishing user of the waters, may indicate the need for additional stocking in the year following the completion of the works, in order to maintain the species abundance until the spawning conditions in the section covered by the works are restored. [condition of item II of item 1.1.1 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
118.	Monitoring of environment condition	***Monitoring of habitat patches of 3260 Lowland and foothill rivers with white water-crowfoot communities (Ranunculion fluitantis)*** For at least 3 years after the completion of the works, carry out (in accordance with the methodology of the State Environmental Monitoring of the Chief Inspectorate of Environmental Protection) annual monitoring of habitat patches of 3260 Lowland and foothill rivers with white water-crowfoot communities *(Ranunculion fluitantis)* for the quality of the parameter "structure and functions of the habitat".	Implementation area of the Międzylesie Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item II of item 2.2.1 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, in the growing season[9].	Engineer's Team
119.	Monitoring of environment condition	***Monitoring the occurrence of fish and lampreys as well as macro-invertebrates*** In the first and third year after the completion of the works, the occurrence of fish and lampreys as well as macro-invertebrates should be monitored by means of fishing on 4 sites in Nysa Kłodzka: 1) above the weir H-19 (reference point - km 174+800), 2) in the urban section above the weir H-18 covered by the works (km 173+940), 3) in the urban section above the weir H-16 covered by the works (km 172+670) and 4) below Międzylesie (km 172+000).	Implementation area of the Międzylesie Facility - 1) km 174+800, 2) km 173+940, 3) km	Visual monitoring and other fish testing methods, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

[9] The Engineer's Team conducts monitoring activities during the period of Task execution, i.e. until the end of the Defects Notification Period. This period is also defined in the glossary on page 1 of App. 2 of the EMP.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item II of item 2.2.2 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	172+670 4) km 172+000).	Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
120.	Monitoring of environment condition	***Monitoring of the success of replanting of protected plant species.*** In the first and third year after the completion of the works, monitor the success of replanting of protected plant species. [condition of item II of item 2.2.3 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Implementation area of the Międzylesie Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
121.	Monitoring of environment condition	***Monitoring of the functioning of ramps*** In the first, third and fifth year after the completion of the works - with the participation of an ichthyologist specialist - carry out the monitoring of the functioning of the ramps in the context of migration of aquatic organisms. Monitoring studies should, among other things, take into consideration the catching of fish in the ramps, during spring and autumn migration. [condition of item II of item 2.2.4 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Implementation area of the Międzylesie Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
122.	Monitoring of environment condition	***Rules for reporting monitoring results*** For each stage (year) of the monitoring carried out, submit a written report to the issuing authority of this Decision containing photographic documentation and an assessment of the functioning of the ramp as a bi-directional fish migration facility, within one month of the completion of the given monitoring stage in the year concerned. If irregularities are found in the functioning of the ramp, plan and implement (after agreement with the above authority), at the investor's expense, appropriate measures aimed at eliminating or minimizing the factors influencing these irregularities. [condition of item II of item 2.2.5 of the environmental decision ref.: WOOŚ.420.17.2020.AP.17 of 23.10.2020 for the MIĘDZYLESIE Facility]	Implementation area of the Międzylesie Facility	Verification of the documentation of the conducted monitoring.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the Defects Notification Period.	Contractor's team, Employer
				Verification of the documentation of the conducted monitoring. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period.	Engineer's Team
21 – DETAILED REQUIREMENTS - DŁUGOPOLE-ZDRÓJ FACILITY						

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
123.	Protection of greenery and landscape	***Restrictions on felling of trees and bushes*** In zone "A" of the spa protection, felling of forest and park trees is forbidden with the exception of tending cuttings, and in zone "B" of the spa protection, felling of forest and park trees is forbidden with the exception of tending cuttings and felling specified in the forest management plan. [condition of item 2.2.23 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility	Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert.	During the Task implementation period, on an ongoing 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. Control of the participation and approvals of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
124.	Protection of animated nature	***Necessity to make an inventory of protected plants species, including aphids, prior to commencement of works*** Prior to the commencement of the works, an inventory should be made of protected species of vascular plants, red algae and aphids in the bed of the Nysa Kłodzka and other watercourses, in the sections where the works are planned. Next, plants/stones inhabited by the above-mentioned species should be moved from the areas at risk of destruction, where the presence of the above-mentioned species was found, under the supervision of an expert botanist, and then	Implementation area of the Długopole-Zdrój facility	Confirmation of the Contractor's performance in one of the monthly reports on the execution of the Contract, supported by field inspection protocols and reports of the nature supervision team. Control of participation of required experts in the Contractor's team.	One time, before starting the works.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		deposited in other sections, not covered by the works, in places suitable for the habitat, upstream of the river above the works implementation sites. [condition of item 2.2.36 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]		Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	One time, before starting work.	Engineer's Team
125.	Protection of the river ecosystem	***Abandoning the performance of works on a fragment of the riverbed*** Abandon the works on the right-bank section of the Nysa Kłodzka at km 157+720–157+811. [condition of item 3.3.6 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility - km 157+720 – 157+811	Verification of documentation prepared by the Contractor. Visual monitoring, photographic documentation.	During the Task implementation period, on an ongoing basis not less frequently than once a month	Contractor's team
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
126.	Restoration of the state of environment	***Obligation to carry out stocking with stream trout*** If it is necessary to carry out works in the period from October to the end of February, which will result in losses of stream trout eggs in the spawning grounds below the site of the works performance, stocking with stream trout should be carried out annually during the works performance period in cooperation with an expert ichthyologist. For stocking, stocking material from the Nysa Kłodzka catchment area must be used and the size of the stocking density must be based on an assessment of the real losses in the species population and the amount of stocking material introduced by the fishing user. In addition, the expert ichthyologist, in consultation with the fishing user of the waters, may indicate the need for additional stocking in the year following the completion of the works, in order to maintain the species abundance until the spawning conditions in the section covered by the works are restored. [condition of item II of item 1.1.1 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
127.	Restoration of the state of environment	***Obligation to carry out compensation measures for Grey Wagtail Motacila cinerea*** In the area of the town of Długopole-Zdrój and/or within 500 m from its administrative borders - under the supervision of an expert ornithologist – hang 5 nesting boxes for White-Throated Dipper *Cinclus cinclus* and 5 nesting boxes for	In the area of the town of Długopole-Zdrój	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Grey Wagtail *Motacila cinerea* under bridges. If there are no suitable places for hanging the boxes under bridges, boxes should be installed on retaining walls, at a height of not less than 0.3 m from the upper edge of the wall. Individual boxes should be hung from each other at a distance of not less than approx. 100 m. The type of nesting boxes should be agreed with an expert ornithologist. [condition of item II of item 1.1.2 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	and/or within 500 m from its administrative borders	Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
128.	Restoration of the state of environment	***Obligation to carry out compensation measures for Goosander Mergus merganser*** In the area of the town of Długopole-Zdrój and/or within 500 m from its administrative borders - hang 5 nesting boxes for Goosander Mergus merganser. The boxes should be hung on trees growing on the banks of the riverbed. The type of nesting boxes and the place and method of suspension should be agreed with an expert ornithologist. [condition of item II of item 1.1.3 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	In the area of the town of Długopole-Zdrój and/or within 500 m from its administrative borders	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
129.	Monitoring of environment condition	***Monitoring the condition of natural habitats and plant species*** For at least 3 years after the completion of the works, carry out with participation of an expert phytosociologist (in accordance with the methodology of the State Environmental Monitoring of the Chief Inspectorate of Environmental Protection) annual monitoring of habitat patches of 3260 Lowland and foothill rivers with white water-crowfoot communities *(Ranunculion fluitantis)* for the quality of the parameter "structure and functions of the habitat". [condition of item II of item 2.2.1 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's team, Employer
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
130.	Monitoring of environment condition	***Monitoring of ramps for migration of fish and lampreys*** In the first and third year after the completion of the works - with the participation of an expert ichthyologist, the occurrence of fish and lampreys as well as macro-invertebrates should be monitored by means of fishing on 4 sites located in the Nysa Kłodzka, in the section covered by the project. [condition of item II of item 2.2.2 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility	Visual monitoring and other fish testing methods, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
					during periods of fish migration	
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
131.	Monitoring of environment condition	***Monitoring of the success of replanting of protected plant species*** In the case of replanting at the stage of implementation of the work of specimens of protected plant species, in the first and third year after the completion of the works with the participation of an expert botanist, carry out monitoring of the success of replanting of protected plant species.	Implementation area of the Długopole-Zdrój facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item II of item 2.2.3 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
132.	Monitoring of environment condition	***Monitoring of the functioning of ramps*** In the first, third and fifth year after the completion of the works - with the participation of an out with ichthyologist - carry out the monitoring of the functioning of ramps in the context of migration of aquatic organisms. Monitoring studies should, among other things, take into consideration the catching of fish in the ramps, during spring and autumn migration. [condition of item II of item 2.2.4 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]	Implementation area of the Długopole-Zdrój facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
133.	Monitoring of environment condition	***Rules for reporting monitoring results*** The results of the monitoring referred to in clause II sec. 2.1 to 2.3 of the environmental decision shall be submitted to the local authority issuing the decision within 30 days of the completion of the given monitoring stage in the year concerned. If it is found that the planting is unsuccessful and the condition of the habitat 3260 is deteriorated, plan and implement (after agreement with the above-mentioned authority), at the investor's expense, appropriate measures to eliminate or minimize the factors influencing these irregularities. For each stage (year) of the monitoring carried out, submit a written report to the issuing authority of this decision, referred to item II section 2.4 containing photographic documentation and an assessment of the functioning of ramps as a fish migration facility, within one month of the completion of the given monitoring stage in the given year. If irregularities are found in the functioning of the above-mentioned facilities, plan and implement (after agreement with the	Implementation area of the Długopole-Zdrój facility	Verification of the documentation of the conducted monitoring.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage - the Contractor's Team, after the end of the Defects Notification Period, after the end of the fish migration stage - the Employer.	Contractor's team, Employer
				Verification of the documentation of the conducted monitoring. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		above authority), at the investor's expense, appropriate measures aimed at eliminating or minimizing the factors influencing these irregularities. [condition of item II of item 2.2.5, 2.2.6 of the environmental decision ref.: WOOŚ.420.10.2020.AP.22 of 19 November 2020 for the DŁUGOPOLE-ZDRÓJ Facility]				
22 – DETAILED REQUIREMENTS – BYSTRZYCA KŁODZKA FACILITY						
134.	Protection of the river ecosystem	***Leaving the outwashes*** Do not remove outwashes in the working section of the Nysa Kłodzka and the Bystrzyca stream except for places where it is necessary due to the technology of works adopted (except for those allowed under the condition of item 53 App. 1 to EMP) [condition of item 3.3.7 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA facility]	Implementation area of the Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation.	During the Task implementation period (including, inter alia, before the start of the works and during the works period) – not less frequently than once a month	Contractor's team
				Visual monitoring, photographic documentation. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period (including, inter alia, before the start of the works and during the works period) – not less frequently than once a month	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
135.	Protection of animated nature	***Need for taking an inventory of plants and aphids and transfer of protected species*** Prior to the commencement of the works, an inventory of protected plant species and aphids in the Nysa Kłodzka riverbed and the Bystrzyca stream in the sections where the works are planned should be made, especially *Hildenbrandia rivularis*, Streamside Hygroamblystegium Moss *Hygroamblystegium fluviatile* and plants characteristic for white water-crowfoot communities (*Ranunculion fluitantis*). Next, plants/stones inhabited by the above-mentioned species should be moved from the areas at risk of destruction, where the presence of the above-mentioned species was found, under the supervision of an expert botanist, and then deposited in other sections, not covered by the works, in places suitable for the habitat, upstream of the river above the works implementation sites. [condition of item 2.2.33 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	Implementation area of Bystrzyca Kłodzka Facility	Confirmation of the Contractor's performance in one of the monthly reports on the execution of the Contract, supported by field inspection protocols and reports of the nature supervision team. Control of participation of required experts in the Contractor's team.	One time, before starting the works along the given river section.	Contractor's Team
				Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	One time, before starting work along the given river section.	Engineer's Team
136.	Protection of the river ecosystem	***Obligation to make arrangements with an expert ichthyologist for the designs of fish pass and ramps*** Technical solutions for the fish pass and sills and weirs planned for conversion to the ramps should ensure free migration of fish and other aquatic organisms. The	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		fish pass and ramp design is to be agreed with an expert ichthyologist experienced in designing fish passes[10]. [condition of item 3.3.2 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
136.	Protection of animated nature	***Obligation to agree with experts on the technology and method of works in the area of protected habitats*** The technology and method of the performing works along the section from km 148+070 to km 148+200 (on the left bank, at the site of the habitat 9170 Central-European and subcontinental oak-hornbeam forests (*Galio-Carpinetum* and *Tilio-Carpinetum*) should be agreed with the experts: phytosociologist and dendrologist in order to minimize interference with the habitat patch and maximize protection against damage. [condition of item 3.3.6 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	The implementation area of the Bystrzyca Kłodzka facility - from km 148+070 to km 148+200	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

[10] the expert ichthyologist's agreement on the design of the fish pass is included in the design documentation of the Bystrzyca Kłodzka Facility. Works shall be performed as per the design documentation for the Bystrzyca Kłodzka Facility forming part of documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Verification / approval of documentation submitted by the Contractor to the Engineer.		
137.	Restoration of the state of environment	***Obligation to carry out stocking with stream trout*** If it is necessary to carry out works in the period from October to the end of February, which will result in losses of stream trout eggs in the spawning grounds below the site of the works performance, stocking with stream trout should be carried out annually during the works performance period in cooperation with an expert ichthyologist. For stocking, stocking material from the Nysa Kłodzka river basin must be used and the size of the stocking density must be based on an assessment of the real losses in the species population and the amount of stocking material introduced by the fishing user. In addition, the expert ichthyologist, in consultation with the fishing user of the waters, may indicate the need for additional stocking in the year following the completion of the works, in order to maintain the species abundance until the spawning conditions in the section covered by the works are restored. [condition of item II of item 1.1.1 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
138.	Restoration of the state of environment	***Obligation to carry out compensation measures for Grey Wagtail Motacila cinerea*** In the area of the town of Bystrzyca Kłodzka – under the supervision of an expert ornithologist – hang 5 nesting boxes for White-Throated Dipper Cinclus cinclus and 5 nesting boxes for Grey Wagtail Motacila cinerea under bridges. If there are no suitable places for hanging the boxes under bridges, boxes should be installed on retaining walls, at a height of not less than 0.3 m from the upper edge of the wall. Individual boxes should be hung from each other at a distance of not less than 100 m. The type of nesting boxes should be agreed with an expert ornithologist. [condition of item II of item 1.1.2 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	Area of the town of Bystrzyca Kłodzka	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis.	Engineer's Team
139.	Monitoring of environment condition	***Monitoring of patches of the natural habitat 3260*** For at least 3 years after the completion of the works, carry out with participation of an expert phytosociologist (in accordance with the methodology of the State Environmental Monitoring of the Chief Inspectorate of Environmental Protection) annual monitoring of habitat patches of 3260 Lowland and foothill rivers with white water-crowfoot communities *(Ranunculion fluitantis)* for the quality of the parameter "structure and functions of the habitat".	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item II of item 2.2.1 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
140.	Monitoring of environment condition	***Monitoring of the success of replanting of protected plant species*** In the first and third year after the completion of the works, with the participation of an expert botanist, monitor the success of replanting of protected plant species. [condition of item II of item 2.2.2 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
141.	Monitoring of environment condition	***Monitoring the occurrence of fish and lampreys as well as macro-invertebrates*** In the first and third year after the completion of the works - with the participation of an expert ichthyologist, the occurrence of fish and lampreys as well as macro-invertebrates should be monitored by means of fishing on 5 sites located in the Nysa Kłodzka: 1) above the weir H-12 (reference point above the section covered by the works), 2) between the weir H-12 and the mouth of the Bystrzyca stream to Nysa Kłodzka, 3) between the mouth of the Bystrzyca stream and the weir H-11 , 4) between the weir H-11 and the out with sill H-10 unblocked in the form of a ramp, 5) below the sill H-9 - km 147+400 and 2 sites in Bystrzyca:	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring and other fish testing methods, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		1) in the middle of the urban section covered by the works, 2) at the height of the town of Zalesie at km 4+000. [condition of item II of item 2.2.3 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
142.	Monitoring of environment condition	***Monitoring of the functioning of the fish pass and ramps*** In the first, third and fifth year after the completion of the works – with the participation of an Alesia ichthyologist– carry out the monitoring of the functioning of flow rate ramps in the context of migration of aquatic organisms. Monitoring studies should, among other things, take into consideration the catching of fish in the fish pass and ramps, during spring and autumn migration. [condition of item II of item 2.2.4 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]	Implementation area of Bystrzyca Kłodzka Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration..	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
143.	Monitoring of environment condition	***Rules for reporting monitoring results*** For each stage (year) of the monitoring carried out, referred to in item II of sec. 2.3 and 2.4 of the environmental decision, submit a written report to the issuing authority of this decision containing photographic documentation and an assessment of the functioning of the ramp as a bi-directional fish migration facility, within one month of the completion of the given monitoring stage in the year concerned. If irregularities are found in the functioning of the ramp, plan and implement (after agreement with the above authority), at the investor's	Implementation area of Bystrzyca Kłodzka Facility	Verification of the documentation of the conducted monitoring.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage - the Contractor's Team, after the end of the Defects Notification Period, after the end of the fish migration stage - the Employer.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		expense, appropriate measures aimed at eliminating or minimizing the factors influencing these irregularities. The results of the monitoring referred to in clause II, sec. 2.1 to 2.2 shall be submitted to the local authority issuing the decision within 30 days of the completion of the given monitoring stage in the year concerned. If it is found that the planting is unsuccessful and the condition of the habitat 3260 is deteriorated, plan and implement (after agreement with the above-mentioned authority), at the investor's expense, appropriate measures to eliminate or minimize the factors influencing these irregularities. [condition of item II of item 2.2.5, 2.2.6 of the environmental decision ref.: WOOŚ.420.18.2020.AP.17 of 13 November 2020 for the BYSTRZYCA KŁODZKA Facility]		Verification of the documentation of the conducted monitoring. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage.	Engineer's Team
23 – DETAILED REQUIREMENTS – KŁODZKO FACILITY						
144.	Protection of animated nature	***Need for taking an inventory of plants, red algae and aphids and transfer of protected species*** Prior to the commencement of the works, an inventory should be made of protected species of vascular plants, red algae and aphids in the bed of the Nysa Kłodzka and other watercourses, in the sections where the works are planned.	Implementation area of the Kłodzko Facility	Confirmation of the Contractor's performance in one of the monthly reports on the execution of the Contract, supported by field inspection protocols and reports of the nature supervision team.	One time, before starting the works, along the given river section.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		Next, plants/stones inhabited by the above-mentioned species should be moved from the areas at risk of destruction, where the presence of the above-mentioned species was found, under the supervision of an expert botanist, and then deposited in other sections, not covered by the works, in places suitable for the habitat, upstream of the river above the works implementation sites. [condition of item 2.2.35 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Control of the participation of required experts.		
				Verification / approval of documentation submitted by the Contractor to the Engineer. Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	One time, before starting the works, along the given river section.	Engineer's Team
145.	Protection of animated nature	***Conducting works in area of natural monument under the supervision of expert dendrologist*** All works in the area of the natural monument (American Tulip Tree *Liriodendron tulipifera)* growing on the square at the junction of Daszyńskiego and Kościuszki streets in Kłodzko) should be carried out under the supervision of an expert dendrologist. Before starting the works, a dendrological expert's opinion should	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		be prepared, including an indication of how to minimize the impacts according to the current state of the object. The scope of works in the area of the object should be limited to the necessary minimum resulting from technical and technological reasons[11]. [condition of item 2.2.37 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required experts. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
146.	Protection of animated nature	***Requirements for transfer of protected plant species*** Prior to the commencement of construction works, transfer specimens of the following protected plant species to places with appropriate habitat conditions– where the works have already been carried out or to places not covered by the	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation of required experts.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

[11] technical solutions for the Kłodzko Facility are included in design documentation for the Kłodzko Facility provided as part of documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		works – in the urban section in the town of Kłodzko above the current location of the works front) or above the urban section of the river: a) River Water-Crowfoot *Batrachium fluitans*– move a minimum of about 90% of the individuals of the species threatened with destruction in connection with the implementation of the project; b) Water-crowfoot *Batrachium penicillatum* move a minimum of about 100% of the individuals of the species threatened with destruction. The transfer of specimens shall be carried out under the strict supervision of expert botanist – phytosociologist and ichthyologist [condition of item 2.2.39 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation of required experts. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
147.	Protection of animated nature	***Agreeing on the technical solutions of the fish pass with ichthyologist*** The planned fish pass at the weir H-4 at km 131+050 of the Nysa Kłodzka should meet the requirements for salmon migration, but also enable to overcome water damming for small species of fish such as European Bullhead, Stone Loach, Brook Lamprey, and macro-invertebrates. For this purpose, it is necessary to consider in the construction - preferably in the form of a beam fish pass - the appropriate dimensions (requirements for salmon) and to use an appropriate bottom	Implementation area of the Kłodzko Facility – near the weir H-4 at km 131+050	Visual monitoring, photographic documentation. Inspection of the Contractor's documents concerning the execution of works within the riverbed. Control of the participation and approvals of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		structure– stones of different granulation). Design solutions in this field should be developed in consultation with an expert ichthyologist[12]. [condition of item 3.3.6 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation and approvals of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
148.	Protection of the river ecosystem	***Designing a gutter for the descending migration of fish*** A gutter for the descending migration of fish must be designed and constructed parallel to the route of the fish pass[13]. [condition of item 3.3.7 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility	Verification / approval of documentation submitted to the Employer.	Before starting the works (at the stage of preparing the design documentation).	Employer

[12] the expert ichthyologist's agreement conc. design solutions for facilities and devices for fish migration is included in design documentation for Kłodzko Facility. Technical solutions for the Kłodzko Facility are included in design documentation for the Kłodzko Facility provided as part of documentation for Contract 2B.1/1.

[13] the expert ichthyologist's agreement conc. design solutions for facilities and devices for fish migration is included in design documentation for Kłodzko Facility. Technical solutions for the Kłodzko Facility are included in design documentation for the Kłodzko Facility provided as part of documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
149.	Protection of the river ecosystem	***Technical requirements for the implementation of the fish migration channel*** Design[14] and build a fish migration channel at the section of the Nysa Kłodzka River from the weir H-4 to the estuary of the Młynówka River. The following assumptions must be taken into account when delineating the route and constructing the channel: a. the migration channel should have a minimum depth (40-70 cm) to ensure the conditions for the free migration of ichthyofauna, b. the width of the channel should be 3-5 m, the edges reinforced with natural materials (stone, boulders, wood), c. course of the channel route along the edges along external arches (in naturally deeper places, where the main current runs, optimally shaded by trees or wall constructions), d. deeper places to allow migration of fish during low water levels should be made in the planned buttresses, e. apply a sill of about 40 cm in height in the mouth of the Młynówka River, directing the fish to the migration channel and the fish pass. [condition of item 3.3.8 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility – at the section of the Nysa Kłodzka River from the weir H-4 to the estuary of the Młynówka River	Verification / approval of documentation submitted to the Employer.	Before starting the works (at the stage of preparing the design documentation).	Employer

[14] technical solutions for the Kłodzko Facility are included in design documentation for the Kłodzko Facility provided as part of documentation for Contract 2B.1/1.

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
150.	Restoration of the state of environment	***Obligation to carry out stocking with stream trout*** If it is necessary to carry out works in the period from October to the end of February, which will result in losses of stream trout eggs in the spawning grounds below the site of the works performance, stocking with stream trout should be carried out annually during the works performance period in cooperation with an expert ichthyologist. For stocking, stocking material from the Nysa Kłodzka catchment area must be used and the size of the stocking density must be based on an assessment of the real losses in the species population and the amount of stocking material introduced by the fishing user. In addition, the expert ichthyologist, in consultation with the fishing user of the waters, may indicate the need for additional stocking in the year following the completion of the works, in order to maintain the species abundance until the spawning conditions in the section covered by the works are restored. [condition of item II of item 1.1.1 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis, not less frequently than once a week.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis, not less frequently than once a month.	Engineer's Team
151.	Restoration of the state of environment	***Obligation to carry out compensation measures for Common Noctule Nyctalus noctula*** 10 boxes for Common Noctule *Nyctalus noctula* shall be hung within the area of the town of Kłodzko and/or up to 500m from the administrative borders of the town. Individual boxes should be hung from each other at a distance of not less	The area of the town of Kłodzko and/or up to 500m	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis.	Contractor's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		than approx. 100 m. The appropriate nesting boxes should be agreed with an expert chiropterologist. The works should be carried out under the supervision of an expert chiropterologist. [condition of item II of item 1.1.2 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	from the administrative borders of the town	Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis.	Engineer's Team
152.	Restoration of the state of environment	***Obligation to carry out compensation measures for White-Throated Dipper Cinclus cinclus and Grey Wagtail Motacila cinerea*** In the area of the town of Kłodzko – under the supervision of an expert ornithologist – hang 5 nesting boxes for White-Throated Dipper Cinclus cinclus and 5 nesting boxes for Grey Wagtail Motacila cinerea under bridges. If there are no suitable places for hanging the boxes under bridges, boxes should be installed on retaining walls, at a height of not less than 0.3 m from the upper edge of the wall. Individual boxes should be hung from each other at a distance of not less than 100 m. The type of nesting boxes should be agreed with an expert ornithologist. [condition of item II of item 1.1.3 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Area of the town of Kłodzko	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis.	Engineer's Team

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
153.	Restoration of the state of environment	***Obligation to carry out compensation measures for Goosander Mergus merganser*** Hang 5 nesting boxes for Goosander *Mergus merganser* in the area of the town of Kłodzko and/or within 500m from its administrative borders. The boxes should be hung on trees growing on the banks of the riverbed. The type of nesting boxes and the place and method of suspension should be agreed with an expert ornithologist. [condition of item II of item 1.1.4 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	The area of the town of Kłodzko and/or up to 500m from the administrative borders of the town	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the Task implementation period, on an ongoing basis.	Contractor's Team
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the Task implementation period, on an ongoing basis.	Engineer's Team
154.	Monitoring of environment condition	***Monitoring of patches of the natural habitat 3260*** For at least 3 years after the completion of the works, carry out with participation of an expert phytosociologist (in accordance with the methodology of the State Environmental Monitoring of the Chief Inspectorate of Environmental Protection) annual monitoring of habitat patches of 3260 Lowland and foothill rivers with white water-crowfoot communities (Ranunculion fluitantis) for the quality of the parameter "structure and functions of the habitat".	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		[condition of item II of item 2.2.1 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
155.	Monitoring of environment condition	***Monitoring the occurrence of fish and lampreys as well as macro-invertebrates*** In the first and third year after the completion of the works - with the participation of an expert ichthyologist, the occurrence of fish and lampreys as well as macro-invertebrates should be monitored by means of fishing on 5 sites located in the Nysa Kłodzka, in the section covered by the project [condition of item II of item 2.2.2 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility	Visual monitoring and other fish testing methods, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
156.	Monitoring of environment condition	***Monitoring of the success of replanting of protected plant species*** In the case of replanting at the stage of implementation of the work of specimens of protected plant species, in the first and third year after the completion of the works with the participation of an expert botanist, carry out monitoring of the success of replanting of protected plant species. [condition of item II of item 2.2.3 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in the growing season the Contractor's team, after the Defects Notification Period the Employer in the growing season.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the growing season.	Engineer's Team
157.	Monitoring of environment condition	***Monitoring of the functioning of the fish pass, migration channel and of ramps*** In the first, third and fifth year after the completion of the works – with the participation of an expert ichthyologist – carry out the monitoring of the fish pass, migration channel and of ramps in the context of migration of aquatic organisms. Monitoring studies should, among other things, take into consideration the catching of fish in the ramps, channel and ramps, during spring and autumn migration. [condition of item II of item 2.2.4 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]	Implementation area of the Kłodzko Facility	Visual monitoring, photographic documentation. Control of the participation of the required expert.	During the period of Task execution and until the end of the Defects Notification Period, on an ongoing basis, in particular during the periods of fish migration, the Contractor's Team, after the end of the Defects Notification Period, the Employer during periods of fish migration.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
				Visual monitoring, photographic documentation. Control of the participation of the required expert. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, during the periods of fish migration.	Engineer's Team
158.	Monitoring of environment condition	***Rules for reporting monitoring results*** The results of the monitoring referred to in clause II sec. 2.1 to 2.3 of the environmental decision shall be submitted to the local authority issuing the decision within 30 days of the completion of the given monitoring stage in the year concerned. If it is found that the planting is unsuccessful and the condition of the habitat 3260 is deteriorated, plan and implement (after agreement with the above-mentioned authority), at the investor's expense, appropriate measures to eliminate or minimize the factors influencing these irregularities.	Implementation area of the Kłodzko Facility	Verification of the documentation of the conducted monitoring.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage - the Contractor's Team, after the end of the Defects Notification Period, after the end of the fish migration stage - the Employer.	Contractor's team, Employer

Item No	Issue	Subject of monitoring	Monitoring place	Method of monitoring	Period and frequency of monitoring	Responsible party
		For each stage (year) of the monitoring carried out, submit a written report to the issuing authority of this decision, referred to in clause II, section 2.4, containing photographic documentation and an assessment of the functioning of the fish pass, migration channel and ramps as fish migration facilities, within one month of the completion of the given monitoring stage in the year concerned. If irregularities are found in the functioning of the above-mentioned facilities, plan and implement (after agreement with the above authority), at the investor's expense, appropriate measures aimed at eliminating or minimizing the factors influencing these irregularities. [condition of item II of item 2.2.5, 2.2.6 of the environmental decision ref.: WOOŚ.420.20.2020.AP.17 of 19 November 2020 for the KŁODZKO Facility]		Verification of the documentation of the conducted monitoring. Verification / approval of documentation submitted by the Contractor to the Engineer.	During the period of Task execution and until the end of the Defects Notification Period, after the end of the fish migration stage.	Engineer's Team