## Checklist for the implementation of the measures listed in Appendix 1 and 2 to the EMP for the Contract

1A.1 Chlewice - Porzecze. The backwater embankment of the Odra River by the Myśli River. Modernization of the Marwicki Polder Stage I and II

(From 08.2020 1A.4 Implementation of works involving the completion of flood embankments in Chlewice, Marwice-Krajnik, Mniszki-Gryfino)

**Appendix 1 to the Final Report** 

## This document contains:

- I. a checklist of the Contractor's implementation of the mitigation measures listed in Appendix 1 of the Environmental Management Plan (EMP), verified by the Consultant,
- II. a checklist from the implementation of monitoring measures by the Contractor and Engineer listed in Appendix 2 of the EMP,
- III. a quantitative statement of the implementation of the measures listed in Appendix 1 and 2 of the EMP, to the extent relevant to the Contractor, in the reporting period,







Part I. A checklist for the implementation by the Contractor of mitigation measures listed in Appendix 1 of the EMP for Contract 1A.1 Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River. Modernization of Marwicki polder stage I and II. (since Aug. 2020 - 1A.4 Implementation of works involving the completion of flood embankment Chlewice, Marwice-Krajnik, Mniszki-Gryfino).

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
1	It is required to ensure the efficient use of the area and minimal transformation of its surface.	The measure was implemented and completed No non-compliance reported in the reporting period.
2	The stage of conducting construction works must be preceded by preliminary works on preparing the area for the development, i.a. preparing the places for storing construction materials, site facilities, etc. and allocating and preparing (and agreeing with the road administrators) traffic routes for machines and vehicles.	The measure was implemented and completed No non-compliance reported in the reporting period.
3	It is necessary to limit as much as possible the area of temporary occupation.	The measure was implemented and completed No non-compliance reported in the reporting period.
4	Prior to the earthworks, it is necessary to remove 20–30 cm thick layer of humus which will be re–used for subsequent land reclamation.	The measure was implemented and completed The measure was partially implemented from Oct 2017 to Oct 2018 because of removing a thicker layer of topsoil in Chlewice (50 cm) in the first two months of the period; in subsequent months the reason for the partial implementation status was the time frame of completing the measure.
5	Before commencement of the works a site survey should be carried out of temporarily and permanently occupied areas, intended for determining of a current location of protected plant species and plant species placed on national and regional red lists of endangered species of plants, and designation of places of potential presence of these species.	The measure was implemented and completed No non-compliance reported in the reporting period.
6	If during site survey or construction works, there are discovered species of plants, animals or fungi under strict or partial species protection, before taking any action, the Contractor must obtain relevant permission required by law (Article 56 section 1 and 2 of	The measure was implemented and completed  No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	the Act of 16 April 2004 on environmental protection or similar legal provisions applicable at the time of preparing and conducting works).	
7	If it is necessary to relocate species mentioned in item 6, the Contractor is obliged to plan such action, obtain required permission, effectively conduct such actions and implement other activities required (e.g., drawing-up and submitting reports to the body issuing relevant permission).	The measure was implemented and completed No non-compliance reported in the reporting period.
8	Works must be carried out with avoidance of any damage to trees and shrubs. Trees and shrubs not intended for cutting out, which grow on the Task implementation area, and which are prone to damage due to traffic, equipment transfer, etc. must be protected against damage, for instance, through placing trunk shields made of wooden boards around the entire trunks up to the height of at least 1.5 m. It is also required to secure crowns, trunks and root systems against mechanical damage and drying out.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Jan 2019, May 2019, Jul 2019, Nov 2020, and Jun 2021, they consisted in tree or tree protection damage.
9	If a tree gets damaged, it is necessary to undertake required measures immediately under the Contractor's environmental team supervision which will limit damage consequences.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Jan 2019, Nov 2020, Apr 2021, and Jun 2021, they consisted in improper or untimely nurturing actions at damaged trees.
10	Prior to the commencement of works, the Contractor shall enable in the places of discovered archeological sites. The above will ensure the protection and removal of valuable objects and other elements of historical value from the working site and will enable the performance of specific works.	The measure was implemented and completed No non-compliance reported in the reporting period.
11	Before commencement of the works involving vibrations, which shall constitute inconvenience for the neighboring inhabitants and cause damage hazard to the buildings located near the works there should be carried out survey of existing buildings with particular focus on cracks and damages, and during the afore–mentioned works the condition of the buildings should be monitored. In case of stating damage, the Contractor shall be obliged, on the basis of the monitoring results, to restore the technical condition of the buildings.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Apr 2018, May 2018, they consisted in non-reporting damage of a building in Chlewice. After an investigation the claim was found unjustified: the building damage was not caused by the works.
12	For the time of preparation and implementation of construction works, the Contractor will hire a team of naturalists, which will be responsible for constant environmental supervision of works.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Aug 2021,

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	The Contractor's environmental team shall include the following experts: phytosociologist/botanist, herpetologist, ornithologist, chiropterologist, entomologist and water protection expert. The Contractor's environmental team will be responsible for the proper implementation of mitigation measures for the environment during works construction. Environmental team experts must be accepted by the Engineer before civil works execution.	they consisted in non-reporting environmental supervision in Chlewice. From Sep 2019 to Nov 2019 the measure was not implemented due to termination of the contract with the current Contractor. Due to no works performed, it had no adverse impact on the environment.
13	Prior to the commencement of works, the Contractor shall carry out a site inspection on the area of works in terms of the presence of unexploded shells.	The measure was implemented and completed No non-compliance reported in the reporting period.
14	Prior to commencement of the construction a site inspection to be carried out of the area of works with participation of phytosociologist in order to locate the presence and estimate population of invasive plants (except for impatiens parviflora). After locating and visibly marking in places where invasive plants grow, take preventive measures during the implementation period, which will limit spreading of these plants, including, among others, removing humus layer along with invasive plants and transporting them from area of works to the composting plant or neutralizing in any other effective manner. It is unacceptable to mix this humus with humus overgrown with local native vegetation.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Sep 2020, they consisted in non-marking of invasive plant species at Gryfino - Mniszki section.
15	The Contractor shall ensure access routes for rescue teams (ambulance, fire brigade, etc.) for the entire duration of the works, marking out roads, exits, passages for pedestrians and parking for vehicles used on the building site.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Oct 2020 - Nov 2020, they consisted in non-marking of parking space at Chlewice site facilities.
16	During implementation of the Structure: <i>Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River</i> transport, equipment and vehicle traffic must take place, mostly, along the existing road system and on the embankment crown, not interfering with the habitats and areas adjacent to the Task area. During implementation of the following Structure: <i>Modernization of Marwicki polder stage I and II –</i> transport, equipment and vehicle traffic mustshould take place, mostly, along the existing road system and on the roads along the embankment as well as on the embankment crown.	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Sep 2018, they were caused by the need to construct a temporary crossing over the Myśla River.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
17	It is not allowed to perform earthworks which permanently deform the relief, with the exception of works involving the construction and modernization of flood embankments.	The measure was implemented and completed No non-compliance reported in the reporting period.
18	It is required to ensure human protection against increased vehicle traffic along roads used during construction works. At the time of works performance, the Contractor shall supply, install and operate all temporary safety devices, ensuring the safety of vehicles and pedestrians.	The measure was implemented and completed No non-compliance reported in the reporting period.
19	Paved surfaces (e.g. access roads) used for vehicle transport of construction materials and aggregate should be maintained in good technical condition.	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Jan 2018 - Jun 2018, Aug 2019 - Nov 2019, Dec 2020 - Jul 2021, they were caused by damage of roads used during construction works. Before completion of the Contract the damage was repaired.
20	The Contractor is obliged to prepare photographic documentation of the entire area of conducting the works with particular focus on of the technical condition of roads and the buildings located in the areas close to roads used for transport of construction materials. Before commencement of the works the Contractor shall carry out, in the presence of road Operator, site inspection on the basis of which a roads condition protocol will be provided before roads are used for construction purpose. Based on this document, the Contractor will be obliged to restore roads technical condition.	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Jul 2018 - Sep 2018, May 2019 - Nov 2019, they were caused by a lack of the road operator's approval for the prepared documentation (Chlewice).
21	Proper marking of access roads. According to valid laws and agreements with Operators of the roads the Contractor shall use the access routes which are appropriately marked. These marking shall be regularly controlled, in the case of destruction or theft of marking the Contractor shall promptly replace it or complete it.	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Apr 2018 - Sep 2018, Nov 2020, they were caused by incorrect road signage.
22	The Contractor shall be responsible for all damage to the structures, buildings, roads, drainage ditches, culverts, water supply and gas pipe lines, power poles and lines, cables geodetic control network and any type of installations and other types of object such as vertical and horizontal markings, navigation markings, information boards, culture assets etc., caused by the Contractor or their Subcontractors during works performance. The Contractor is also responsible for restoring the flow capacity of drainage ditches and installations in the area of conducted works	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Dec 2020 - Jul 2021, they were caused by a failure to immediately repair damaged road surface. Before completion of the Contract the damage was repaired.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	and used transportation roads, in case of damage caused by works performance and transportation related with works implementation.  The Contractor shall immediately repair any occurred damage at their own expense and also, if necessary, shall perform other works ordered by the Engineer.	
23	The Contractor is obliged to agree with road managing authority the traffic organization and works securing plans. The Contractor is obliged to organize traffic in accordance with the agreed plans (marking and securing of the Works site and marking of de-tours and recommended, related with the traffic organization change, markings of the roads, etc.).	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Feb 2018, Jun 2018 - Sep 2018, Aug 2019 - Nov 2019, Sep 2020, they were caused by incorrect signing of temporary traffic organization. The measure was not implemented in Apr 2018 - May 2018; the Contractor did not provide required approvals by public road Operator for a section of the used access route, the documentation was supplemented in the subsequent reporting period Jun 2018, the incident had no impact on the Contract.
24	Prior to Works commencement, the Contractor shall present to the Engineer for approval, traffic organization and Works securing plans agreed with the managing authorities and the Schedule. Depending on the needs and Works progress, the traffic organization plans shall be updated by the Contractor on on-going basis.	road Operator for a section of the used access route, the documentation was partially supplemented in the subsequent reporting period Jun 2018, the incident had no impact on the Contract.
25	The Contractor shall respect the statutory limitations of loads per vehicle axle during transportation of materials and equipment to and from the construction site. The Contractor shall also obtain any necessary permits from authorities, for transportation of non-typical loads and shall constantly inform the Engineer about each case of such a transportation.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Jun 2018, the documentation submitted to CE lacked some approvals. The measure was not implemented in Apr 2018 - May 2018; the Contractor did not provide required approvals by public road Operator for a section of

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		the used access route, the documentation was partially supplemented in the subsequent reporting period Jun 2018, the incident had no impact on the Contract.
26	Roads, sites and site facilities must be situated in the manner ensuring the protection of trees and shrubs growing beyond the places necessary for occupation for construction works.	The measure was implemented and completed No non-compliance reported in the reporting period.
27	Places of temporary occupation (temporary routes, sites, site facilities, storage sites for construction materials, parking lots and other) must located outside of the valuable in term of nature areas as indicated by the Contractor's environmental team (in particular, outside natural habitat boundaries, habitats of species of plants and animals under protection in Natura 2000 sites, as well as stands of plants, animals and fungi under legal protection). These areas if possible, must be improved and sealed and equipped with sorbents enabling rapid elimination of the effects of possible leakage of fuel or oil derivative substances.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Mar 2018 - Dec 2018, Oct 2020 - Nov 2021, they consisted in missing leak protection and sorbents in temporarily acquired areas.
28	The areas of temporary occupation (temporary routes, sites, building site facilities, storage sites for construction materials, parking lots and other) must be located and prepared in accordance with the recommendations of the Contractor's environmental team, approved by the Engineer.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2018 - Jul 2018, Sep 2020, Mar 2021, Jun 2021; they consisted in a lack of the environmental supervision team's opinion on new temporarily acquired land (not covered by the site organization plan) or missing CE's approval for submitted opinion The measure was not implemented in Oct 2017 - Feb 2018 and Apr 2018 due to the missing CE's approval of the environmental supervision team's opinion on the location of site facilities in Chlewice. Ultimately, the Contractor verified the location of the facilities and submitted an opinion that was accepted by CE. The incident had no impact on the Contract or natural environment.
29	Temporarily occupied sites (service roads, sites, building site facilities, construction material storage, parking, etc.) must be situated as far as possible from areas under acoustic protection.	The measure was implemented and completed No non-compliance reported in the reporting period.
30	Places of temporary occupation (temporary routes, sites, building site facilities, storage sites for construction materials, parking lots	The measure was implemented and completed

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	and other) must be located on the internal side of the embankment surrounding Chlewice, ensuring efficient use of the area.,	In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2018 - Aug 2018, May 2019 - Oct 2019, they were caused by missing acceptance of the facilities.  The measure was not implemented in Oct 2017 - Feb 2018, Apr 2018, Nov 2019 - Jul 2020; in 2018 the Contractor located site facilities outside the embankments, and in 2020 the Contractor did not tidy up temporarily acquired land (termination of the contract with the Contractor). Ultimately, the Contractor verified the location of the facilities in 2018 but the temporarily acquired land was sorted out only by the new Contractor.  The incident had no impact on the Contract or natural environment.
31	It is not allowed to store and locate site yards in the places where there are shallow ground waters in well permeable deposits, peat hollow, in direct neighborhood of the waters of the Mysla River and Odra River, within the borders of natural habitats of animals and plants, subject to protection under Natura 2000, as well as plant, animals and fungi positions subject to legal protection.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Oct 2020; CE identified waste at the entry to site facilities, Marwice - Krajnik section.
32	Sites dedicated to cars and construction equipment maintenance must be improved and equipped with sorbents for the duration of works.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported in the measure's implementation in Oct 2017 - Dec 2017, Feb 2018 - Jul 2018, Oct 2020 - Nov 2020; they consisted in missing sorbents (or improper type of sorbent).
33	Fueling up should take place by means of mobile and stationary fuel distribution points with appropriate security measures such as a station with a sorbent for removing any leakages and outflows of oil derivative substances to the ground.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported in the measure's implementation in Oct 2017 - Dec 2017, Feb 2018 - Jul 2018, Jul 2019 - Nov 2019, Nov 2020, Jul 2021; they consisted in missing sorbents (or improper type of sorbent).

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
34	Places of storage of construction materials, soil, construction equipment and vehicles parking shall be located beyond projection of tree crowns (which were not cut down in connection with construction works).	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jun 2021 - Aug 2021, they consisted in storage of pallets under tree crowns, next to Marwice site facilities.
35	Storing of materials used during construction works in the manner securing them against damage and in the manner not posing a risk to the human and property safety, excluding falling over, sliding down or falling down of products and devices. Materiały wykorzystywane do prac budowlanych należy składować w sposób zabezpieczający je przed zniszczeniem i w sposób niezagrażający bezpieczeństwu ludzi i mienia, wykluczający wywrócenie, zsunięcie lub spadek wyrobów i urządzeń.	The measure was implemented and completed In the reporting period the measure was not implemented in Feb 2018 - Mar 2018, the Contractor did not store materials as required for the measure. The Contractor changed the way of storage in the subsequent reporting period. The incident had no impact on the Contract or natural environment.
36	If hazardous substances and materials are stored on the building site, they must be appropriately protected, preventing the access of unauthorized persons, and information on a hazard must be provided on warning boards.	The measure was implemented and completed No non-compliance reported in the reporting period.
37	The waste generated should be regularly selectively collected in appropriate containers located on dedicated sites, preventing dusting and disseminating of light fractions and then systematically discharged to the landfill.	The measure was implemented and completed In the reporting period non-compliances (partial compliance) were reported for the measure's implementation in Feb 2018 - Jul 2018, May 2019 - Oct 2019, Jan 2021 - Feb 2021, May 2021 - Jun 2021, Sep 2021, Dec 2021; they consisted in missing waste sorting procedures, lack of regular disposal (containers overfilled), missing proper containers.  The measures were not implemented in Oct 2019 - Aug 2020, Oct 2020; waste generated during works (Gryfino - Mniszki) was not disposed and was stored at the construction site. The waste was finally disposed by the new Contractor. The incident had no impact on the Contract or natural environment.
38	Hazardous waste must be collected by the authorized entities only. Until handing over of hazardous waste to the authorized entities for collecting, hazardous waste should be stored in a manner preventing release of hazardous substances to the environment, i.e.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	in tightly closed containers, in canopied areas with paved and impermeable ground, secured against third party access.	reported in Jan 2021 - Feb 2021; they consisted in improper location of a waste container at Marwice-Krajnik site facilities.  The measure was not implemented in Oct 2020, missing containers and hazardous waste collection points were reported.  The Contractor provided what was missing at the facilities in the subsequent reporting period. The incident had no impact on the Contract or natural environment.
39	Hazardous waste storage sites must be allocated beyond flood waters area. (Q1% – so called water – once every hundred years).	The measure was implemented and completed No non-compliance reported in the reporting period.
40	The waste generated must be managed by the Contractor in compliance with applicable law. The Contractor should ensure the organization of works in a way which guarantees waste segregation and their successive collection by authorized entities. The Contractor is obliged to carry out an inspection of construction site to detect any "illegal landfills". The Contractor should also protect the building site against formation of "illegal landfills".	The measure was implemented and completed In the reporting period non-compliances (partial compliance) were reported for the measure's implementation in Aug 2019 - Oct 2019, Mar 2021, May 2021 - Jun 2021; they were caused by a lack of waste sorting procedures, the Contractor's failure to identify illegal waste dumps, no regular waste collection.
41	It is not allowed to store on the building site of any waste connected with repairs and maintenance of equipment, machines and devices used for construction works. Any repairs of machines and servicing must be carried out by specialized companies or persons authorized to perform these works by the manufacturer (authorized service). Waste generated during these works (i.a. damaged parts, seals, filters, containers after lubricants and fluids, used oils, fluids, etc.) must be collected by contractors of repairs and services and they cannot be stored on the building site. They must be managed in compliance with applicable law.	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
42	Waste water drained from paved areas and temporary site facilities (e.g. sites for storing fuels and oils, parking lots, containers, etc.) must not transfer pollutions to surface or ground water.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jun 2018 - Jul 2018; they were caused by submission of a revised version of the Construction Site Facilities Plan, waste water handling part. In the reporting period the measure was not implemented in Feb 2018 - May 2018; the Contractor did not provide water discharge in the manner preventing contamination as required in the Construction Site Facilities Plan. The Contractor started implementing the measure (partially) in the subsequent reporting period. The incident had no impact on the Contract or natural environment.
43	Site facilities must be equipped with required number of toilets (e.g. portable toilets) and the Contractor's employees should take care of their physiological needs in dedicated places.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Aug 2019 - Oct 2019, they were caused by a lack of porta toilets next to the welfare container at Krajnik - Marwice pump station. The measure was not implemented in Nov 2019, despite CE's repeated requests the Contractor did not place porta toilets next to the station. The measure was fully implemented in the subsequent reporting period. The incident had no impact on the Contract or natural environment.
44	Prior to the commencement of works, the Contractor is obliged to carry out an inspection of the construction site to detect any illegal wastewater discharge into the Myśla River. Domestic sewage generated on the building site facility must be discharged to sealed tanks and then regularly handed over to the sewage treatment plant. If technically feasible, it is allowed to discharge sewage into sewage main connected to the sewage treatment plant.	The measure was implemented and completed No non-compliance reported in the reporting period.
45	It is necessary to equip all construction sites with a required number of portable toilets and provide training to all the employees with regard to maintaining appropriate hygienic conditions within the area of the construction site and its direct surrounding.	The measure was implemented and completed Non-compliances were reported in Nov 2019, the measure was not implemented, despite CE's repeated requests the Contractor did not place porta toilets next to the station. The

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		measure was fully implemented in the subsequent reporting period. The incident had no impact on the Contract or natural environment.
46	It is important to ensure regular disposal of domestic sewage previously gathered in sealed and closed tanks.	The measure was implemented and completed No non-compliance reported in the reporting period.
47	It is necessary to keep order on the building site and ensure correct work organization.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Sep 2020 - Jul 2020, Mar 2021, Jun 2021 - Aug 2021, Dec 2021, they were caused by disorder at construction sites. The measure was not implemented in Oct 2019 - Aug 2020; the construction site was in disorder. All site facilities were in desolate condition, with damaged fencing, signs and protection of construction site skewed or damaged. Waste was reported at Gryfino - Mniszki construction site. The waste and the space used during construction were ultimately took care of by the new Contractor. The incident had no impact on the Contract or natural environment.
48	It is recommended to conduct three and shrubs felling manually and the process itself should be limited to the necessary minimum.	The measure was implemented and completed  No non-compliance reported in the reporting period.
49	In the planned tree felling sites due to the rebuilding and construction of embankments, it is necessary to assess if there are not any protected beetle species. If trees occupied by those species are found, it is necessary to secure the species and/or such beetles must be relocated to a different habitat of similar conditions. The works must be carried out under the supervision of an entomologist.	No non-compliance reported in the reporting period.
50	In order to reduce losses in the species of protected bats which may live in tree hollows, the clearance of trees of circumference exceeding 100 cm should be preceded by a chiropterologist inspection for the purpose of assessing the actual presence of bats in the vicinity of respective types of trees. Tree felling must be carried out under the supervision of a chiropterologist.	The measure was implemented and completed No non-compliance reported in the reporting period.
51	Felling of trees and bushes in the scope necessary for the Structure implementation is to be performed outside of the vegetation period	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	and birds breeding period (i.e. from 1st November to the end of February).	
52	Felling of trees and bushes should be limited to the scope necessary for the implementation of the Structure and performed outside of the vegetation season and birds breeding season (within the period from 1st September to the end of February).	The measure was implemented and completed No non-compliance reported in the reporting period.
53	Felling of trees and bushes (feling must be performed manually) should be conducted in accordance with the detailed guidelines presented in the decision of RDOŚ in Szczecin on environmental conditions No. 8/2012 of February 27, 2012, included in the Appendix 4 to EMP (pages 3–5, section f, g, h, i, paying particular attention to the necessity of preserving two oaks growing on the slope foot and near the planned embankment). It is necessary to supplement the losses to the landscaped areas in cooperation with the Commune Office in Boleszkowice and local communities by planting of 60 trees.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2019 - Oct 2019, the clearance was done as required by the decision. Compensatory planting was carried out, some of which failed. Ultimately, the compensatory planting was completed by the new Contractor. The measure was not implemented in Oct 2019 - Aug 2020; no compensatory planting was done because there was no Contractor. Ultimately, the compensatory planting was completed by the new Contractor.
54	It is necessary to store lubricating substances and fuels on dedicated sites, with correct sealing degree and equipped with sorbents for neutralizing oil derivative substances.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Feb 2018 - Jul 2017, Jul 2019, Oct 2020 - Dec 2020, they consisted in incorrect fuel storage.
55	Vehicle and construction equipment's traffic should take place on temporary routes, preventing any damage to the near-by vegetation.	The measure was implemented and completed No non-compliance reported in the reporting period.
56	Machines and vehicles may move only along temporary routes and maneuvering sites, and, if possible, along fixed routes.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported in Oct 2017 - Nov 2019; the contractor also used public and existing roads, observing road regulations.
57	Equipment, machines and vehicles used for construction works must be in working order and meet standards and legal requirements arising from the conditions of authorization for putting into service (and public road traffic, if applicable), hold approvals and have low emission rates.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jan 2021 - Feb 2021; leaks from the

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		trencher were identified, CE requested the Contractor to provide technical documents proving the machine's good working condition. The measures was not implemented in Sep 2019 - Jul 2020; there were leaks under the trencher that lead to soil contamination. The contaminated soil was utilized by the new Contractor. Due to the limited area of the contamination the incident had no impact on the Contract or natural environment.
58	The type and working order of such equipment must ensure the protection of soil, surface water and groundwater against pollution, dust and gas emission to the air and noise emission.	The measure was implemented and completed The measures was not implemented in Sep 2019 - Jul 2020; there were leaks under the trencher that lead to soil contamination. The contaminated soil was utilized by the new Contractor. Due to the limited area of the contamination the incident had no impact on the Contract or natural environment.
59	It is not allowed to repair equipment and machines or exchange oil within the Odra River inter-embankment zone and between the planned backwater embankment of Odra River and the Myśla River, or in the vicinity of areas of natural values, indicated by the Contractor's environmental team.	The measure was implemented and completed No non-compliance reported in the reporting period.
60	It is not allowed to fuel up and store fuel within the Odra River inter-embankment zone and between the planned backwater embankment of Odra River and the Myśla River, or in the vicinity of areas of natural value, indicated by the Contractor's environmental team.	The measure was implemented and completed No non-compliance reported in the reporting period.
61	It is not allowed to park machines within the Odra River interembankment zone and between the planned backwater embankment of Odra River and the Myśla River, or in the vicinity of areas of natural value, indicated by the Contractor's environmental team.	The measure was implemented and completed No non-compliance reported in the reporting period.
62	Equipment, machines and vehicles used for construction works must be located in dedicated parking places with protecting measures against the spillage of oil derivative substances to the soil and water environment. If such equipment, machines and vehicles are not used, they must be parked in dedicated places.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jun 2018 - Jul 2018, Dec 2020 - Mar 2021; the machines were not parked in the specified places. The measure was not implemented in Oct 2017 -

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		May 2018; the Contractor did not secure parking space at Chlewice site facilities. Ultimately, the Contractor secured the place and completely implemented the measure. The incident had no impact on the Contract or natural environment.
63	It is necessary to apply required organizational and technical measures in order to maintain clean access routes.	The measure was implemented and completed  No non-compliance reported in the reporting period.
64	It is required to apply necessary organizational and technical measures in order to limit the emission of dust during transport of construction materials from the areas of their storage to the building site.	The measure was implemented and completed No non-compliance reported in the reporting period.
65	It is necessary to apply required organizational and technical measures in order to limit dust emission during construction works.	The measure was implemented and completed No non-compliance reported in the reporting period.
66	Bulk materials and aggregates to be used during the construction stage shall be secured against their blowing or excessive dusting from their surface both during transportation and storage and when using them to build the embankments, as well as during preparation of concrete mix and loading the mix used for building the anti-filtration screen in the flood embankment.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jun 2021; CE received a complaint by residents of the nearest households regarding dust generated by the site. Intensity of the phenomenon was affected by abnormally high temperatures. CE issued an order suggesting dusting minimization measures. A meeting with the residents was held to discuss the situation and agree application of proper work technology that would be the least burdensome to local community.
67	Limit dust generation caused by the means of transport by:  • cleaning vehicle wheels before entering the public roads,  • cleaning temporary internal roads surface,  • using vehicles with tilts for transport of dusty materials or transport of powdery materials in packaging's,  • prevention of contamination of local roads with sand and other material transported by vehicles,  • sprinkling of surfaces of internal temporary roads.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Nov 2017; increased dusting during transport was identified.
68	It is necessary to reduce the work time of motorized machines and vehicles.	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
69	Traffic of vehicles and machines as well as earthworks must be minimized to cover only those necessary for the Task implementation.	The measure was implemented and completed No non-compliance reported in the reporting period.
70	It is necessary to reduce speed limit of vehicles in the vicinity of the building areas.	The measure was implemented and completed No non-compliance reported in the reporting period.
71	In the period of standstill and breaks in work, engines of the equipment, machines and vehicles must be switched off.	The measure was implemented and completed No non-compliance reported in the reporting period.
72	The area directly adjacent to flood embankments must be cleared upon completion of the works.	The measure was implemented and completed The measure was not implemented in Sep 2019 - Jul 2020 due to termination of the Contract by the Employer and stopping the works before completion. The area was finally cleaned by the new Contractor. The incident had no impact on the Contract or natural environment.
73	The Contractor should choose a place for storing humus secure from damage, being driven through and being tamped down.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2018; topsoil contamination was reported at km 0+500 to 0+700, Chlewice section.  The measures was not implemented in Feb 2018 - March 2018; the Contractor did not secure space for storage of topsoil. The incident had no impact on the Contract or natural environment.
74	Humus should be stored and protected in a way enabling its re–use.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2018; topsoil contamination was reported at km 0+500 to 0+700, Chlewice section.  The measures was not implemented in Feb 2018 - March 2018; the Contractor did not secure space for storage of topsoil. The incident had no impact on the Contract or natural environment.
75	Upon completion of the construction works, it is necessary to restore temporarily occupied sites to their previous condition (land reclamation). Stored humus should be used for site leveling and then, after preparing the soil for sowing, it must be sown with grass	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Sep 2018 - Oct 2018; the Contractor did

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	mix, composition of which will be agreed with a fitosociologist / botanist and it must be properly cared for by mowing at least twice a year (from June to September for structure <i>Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River.</i> Structure: <i>Modernization of Marwicki polder stage I and II</i> the periods for mowing embankments will be determined beyond the bird breeding season.	not tidy up a temporarily acquired land, CE requested the Contractor to implement the measure. The measure was not implemented in Nov 2019 - Jul 2020 because of the Employer's withdrawal from the Contract and stopping the works before their completion. No rehabilitation of places following temporary occupation (Marwice - Krajnik site facilities). The area was finally cleaned by the new Contractor. The incident had no impact on the Contract or natural environment.
76	It is not allowed to pipe water from excavations into the river and other surface waters e.g. oxbow lakes.	The measure was implemented and completed No non-compliance reported in the reporting period.
77	It is necessary to use an appropriate drainage system, ensuring the maintenance of excavations without stagnant waters.	The measure was implemented and completed No non-compliance reported in the reporting period.
78	It is necessary to conduct works by methods limiting land occupation and minimizing land conversion.	The measure was implemented and completed No non-compliance reported in the reporting period.
79	Only vehicles, machines and equipment connected with the performance of works as part of the Task are allowed to be present in the building site and its site facility.	The measure was implemented and completed No non-compliance reported in the reporting period.
80	The Task shall be designed and implemented in a way which excludes penetration of any pollution, especially oil-based to the land or water, in case of possible leakage or spillage of oil-based substances, the leak shall be immediately removed and neutralized, polluted soil layers shall be managed in accordance with binding regulations.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Apr 2018 - Jun 2018, Jan 2019, Jul 2019 - Aug 2019, Dec 2020 - Aug 2021, Dec 2021; the Contractor did not secure soil under fuel tanks used for operation of mobile generators or hand-held combustion equipment, there were also instances of leaks of the mixture used for construction of the filtration screen. The measure was not implemented from Sep 2019 to Jul 2020. Oil derivative leaks were reported in the site facilities area (Chlewice) and at the trencher location at the construction site (Gryfino); the Contractor was obliged to remedy the results of the leaks, especially of oil-derivatives. Ultimately, the contaminated soil was disposed by the new Contractor. The incident had no impact on the Contract or natural environment.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
81	In the event of oil derivative substance spillage to surface water, the Contractor is obliged to ensure mechanical collection of oil derivative substance from the water surface.	The measure was implemented and completed No non-compliance reported in the reporting period.
82	Within floodplains (inter-embankment zones of the Odra River and the Myśla River), and flood direct risk areas, it is not allowed to fix equipment and machines, including replacement of oils and fuel. Machines may be parked only in dedicated zones.	The measure was implemented and completed No non-compliance reported in the reporting period.
83	It is necessary to use during the Task implementation period only materials that are harmless to the environment (natural materials or neutral for the environment). Materials, raw materials, fuels, fertilizers, cement and concrete mixtures must have relevant approvals for use. Earth embankments must be performed from natural materials without the use of hazardous materials or materials harmful to human health.	The measure was implemented and completed No non-compliance reported in the reporting period.
84	In order to prevent soil contamination, it is necessary to use equipment, machines and vehicles in working order. The Contractor must perform ongoing inspections of the condition of equipment, vehicles and machines as well as eliminate, by means of available organizational measures, a possibility of entering of any contamination to the soil and water environment, including the spillage of fuels, hydraulic oils and oil derivative substances, both during servicing, re–fueling, transport as well as the operation of machines, equipment and vehicles.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Apr 2018 - Jun 2018, Jan 2019, Jul 2019, Nov 2020 - Dec 2020; leaks at the machinery used at the construction site were observed, technical operability of the machinery was questioned. The measure was not implemented from Sep 2019 to Jul 2020. Oil derivative leaks were reported in the site facilities area (Chlewice) and at the trencher location at the construction site (Gryfino); the Contractor was requested to inspect the equipment used because the Contractor had reasonable grounds to believe the equipment was not fully operational. The Contractor has not complied with the Consultant's order. The area was finally cleaned by the new Contractor. The incident had no impact on the Contract or natural environment.
85	The soil material which is to be re–used must be stored as far as possible from the river bed and avoiding any damage to the bed and banks.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jan 2021 - Feb 2021; storage of soil directly by the bed of the Odra River was reported at Gryfino - Mniszki section.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
86	It is necessary to apply utmost care during earthworks in the vicinity of oxbow lakes in order to avoid damaging or changing their structure.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Jul 2018, they were caused by the need to construct a temporary crossing over the Myśla River.
87	It is not allowed in the Structure's work areas to conduct works on the riverside of the embankments for sections specified in the Environmental Decision for <i>Modernization of Marwicki polder stage</i> <i>I and II</i> .	The measure was implemented and completed No non-compliance reported in the reporting period.
88	It is not allowed to deposit soil in depressions and oxbow lakes within the entire Task implementation area.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Apr 2021 - Jun 2021; topsoil was stored directly by a draining ditch at km 710+500 - 710+600 of Marwice - Krajnik section.
89	It is not allowed to deposit soil in Odra River inter–embankment zone.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in May 2018 - Jun 2018, Jan 2021 - Feb 2021; storage of soil directly by the bed of the Odra River was reported at Gryfino - Mniszki section.
90	It is not allowed to deposit soil in areas of a natural value, indicated by the Contractor's environmental team.	The measure was implemented and completed  No non-compliance reported in the reporting period.
91	During driving of sheet pile walls the drainage of wetlands and boggy areas shall be limited to the minimum.	The measure was implemented and completed No non-compliance reported in the reporting period.
92	Construction works in the areas and immediate vicinity of areas under acoustic protection must be carried out only during the day (from 6 a.m. to 10 p.m.).	The measure was implemented and completed No non-compliance reported in the reporting period.
93	It is necessary to use the technologies of construction works which are least burdensome in terms of acoustics, maintain good work organization, correct equipment operation and ensuring correct technical order.	The measure was implemented and completed The measure was not implemented from Sep 2019 to Jul 2020. Oil derivative leaks were reported in the site facilities area (Chlewice) and at the trencher location at the construction site (Gryfino); the Contractor was requested to inspect the equipment used because the Contractor had

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		reasonable grounds to believe the equipment was not fully operational. The Contractor has not complied with the Consultant's order. The area was finally cleaned by the new Contractor. The incident had no impact on the Contract or natural environment.
94	It is necessary to avoid simultaneous operation of a big number of equipment units in the same place at the same time.	The measure was implemented and completed  No non-compliance reported in the reporting period.
95	It is necessary to locate standstill sites for machines as far as possible from the areas under noise protection and at the same time as close as possible to the area of works.	The measure was implemented and completed No non-compliance reported in the reporting period.
96	During the implementation of the structure: <i>Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River</i> , while constructing embankments near buildings (embankment M to hectometer 0+50) in order to limit the level of emitted vibrations, it is not allowed to use dynamic devices (vibrating rollers) for soil compaction.	The measure was implemented and completed No non-compliance reported in the reporting period.
97	It is not allowed to kill animals during earthworks. All the excavations must be protected against animal access and it is necessary to help animals which entered excavations to get out. In addition, according to the recommendations of herpetologist, if necessary, it is recommended to protect the migration routes of amphibians to water bodies, in order to limit a death rate among amphibians connected with vehicle traffic. It is also necessary to protect all hollows formed in the location of works and within the building sites which are filled with water against amphibian access and breeding in this area – works must be carried out according to the recommendations of a herpetologist.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Mar 2021; increased amphibian activity and one dead animal were reported.
98	During construction works it is not allowed to destroy plants outside the development area.	The measure was implemented and completed  No non-compliance reported in the reporting period.
99	The Contractor should provide the schedule for execution of works so that the dates and location of respective stages of construction works are in compliance with requirements of environmental decisions and EMP and so that they do not affect species under protection which are found on the Task implementation area and in its vicinity.	The measure was implemented and completed No non-compliance reported in the reporting period.
100	The Contractor will obtain required permits for deviation from prohibitions in relation to protected species of animals, plants and	The measure was implemented and completed

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	fungi, issued by RDOŚ/GDOŚ (pursuant to Article 56 section 1 and 2 of the Act of 16 April 2004 on environmental protection or similar legal provisions applicable at the time of preparing and conducting works) – if this will be necessary according to the findings of the Contractor's environmental team.	The measure was not implemented in Sep 2019 - Nov 2019. Due to termination of the contract with the Contractor, environmental supervision was not exercised, due to no works performed the circumstance had no adverse impact on the environment.
101	During the works on rebuilding of flood embankment of Odra River and building of backwater embankment of Odra River at Myśla River, it is necessary to apply utmost care during earthworks in the vicinity of banks of Odra River embankment and banks of Myśla River embankment. Construction works must be led in the manner avoiding their interference with natural overgrowth on the Odra and Myśla rivers banks or with their beds.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Jul 2018, they were caused by the need to construct a temporary crossing over the Myśla River.
102	Implementation works must be carried out beyond the bird breeding season and plant vegetation season, i.e. from 1st October to the end of March. If it is necessary to commence works in the bird breeding season and plant vegetation season, it is necessary to start works before 1st March in order to avoid breeding of birds and nesting in the area of works. Before implementation of the construction works, scarining away of the animals, should be provided. Prior to the commencement of works, the Contractor shall obtain permit referred to in Article 56 of the Act of 16 April 2004 on environmental protection, issued by a competent RDOŚ / GDOŚ for purposeful scaring away and intruding avifauna within the project area.	The measure was implemented and completed No non-compliance reported in the reporting period.
103	Prior to the commencement of earthworks, plants from the entire area at the base of the embankment with a width of 1.0 m on both sides must be mowed and removed.	The measure was implemented and completed No non-compliance reported in the reporting period.
104	Before removing a layer of humus from the area where embankment will be built, turfs must be routed and soil moved to the outside of the works area.	The measure was implemented and completed No non-compliance reported in the reporting period.
105	Before commencing the implementation of the structure, the Contractor must obtain permission, referred to in Article 56 of the Act of 16 April 2004 on environmental protection (or similar provision applicable at the time of preparing and conducting works) issued by a competent Regional Directorate for Environmental Protection and General Directorate of Environmental Protection for purposeful scaring away and	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	disturbing avifauna, under partial and strict protection within the structure impact area.	
106	The Contractor is obliged to ensure work organization in a way which will shorten the time of works, aimed at minimizing adverse impacts on the animals living within the Task area and within its impact.	The measure was implemented and completed The measure was not implemented from Sep 2019 to Jul 2020. The Contractor did not organize work in a way that would allow reduction of the time required to perform the works, and the scope of works was not fulfilled in accordance with the schedule. The circumstance was one of the reasons for terminating the contract with the Contractor. The newly selected Contractor performed the works without significant delays.
107	Construction works may be conducted beyond the bird breeding season, i.e. from 1st September to the end of February. Upon having obtained relevant permit issued under Article 56 of the Act of 16 April on environmental protection, also in the bird breeding season (in the event of possible justified necessity of commencing works before the bird breeding season). It is necessary to scare the animals away before starting works.	
108	In the event of discovering the breeding sites of protected fauna species within the Task implementation area, it is obligatory to suspend works until such sites are left by these species. It is not allowed to kill animals during earthworks and excavations, and it is necessary to enable the animals to exit such places.	The measure was implemented and completed No non-compliance reported in the reporting period.
109	In case of necessity of destroying the habitat of Roman snail <i>Helix pomatia</i> , the species under partial protection, a permit is required as mentioned in the Art. 56 of the Act of April 16, 2004 on nature protection.	The measure was implemented and completed No non-compliance reported in the reporting period.
110	The destruction of two nests and habitats of common magpie <i>Pica pica</i> , located on the plot no. 291 district Gryfino I, Gryfino Commune, in relation to the implementation of the structure <i>Modernization of Marwicki polder stage I and II</i> , must be performed with meeting the following conditions:  • prior to destruction, the nests under consideration must be checked in terms of their settlement,  • natural habitats must be destroyed by means of mechanical cutting of trees,  • the activities connected with destroying the nests and habitats of the magpie must be carried out beyond the breeding season,	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	• the Applicant must submit a report on the usage of this permission to the Regional Director for Environment Protection in Szczecin by 15 February 2017 (a copy of the permission is included in the Appendix 4 to EMP.  Intentional scaring away and disturbing house sparrow Passer domesticus, Eurasian tree sparrow Passer montanus, short-toed tree creeper Certhia brahcydactula, common chaffinch Fringilla coelebs, European goldfinch Carduelis carduelis and European greenfinch Carduelis chloris in their breeding season, in the localization of breeding and young species raising, in connection	
111	with the implementation of the structure <i>Chlewice-Porzecze</i> . <i>Backwater embankment of Odra River at Myśla River</i> within Boleszkowice Commune, may happen under the following conditions:  • scaring away and disturbing the species specified in this permission must take place by means of rattles and also through the presence of people on the investment area, as well as through oscillations, vibrations and noise generated by the operation of vehicles and devices, including construction machines and devices used during the project implementation,  • the project must be implemented under the supervision of the environmental team; the personnel supervising the works will control the correctness of works connected with scaring away and disturbing the species, as well as fulfilling the obligations arising from this decision of RDOŚ (permission of 3rd December 2015, ref. no.: WOPN-OG.6401.210.2015.MKP – a copy of the permission is included in the Appendix 3 to EMP) special provisions of law,  • partial reports must be submitted to the Regional Director for Environmental Protection in Szczecin on the usage of this permission by 15 January in each year of the permission term and by 15 January 2018 on the entire permission execution.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Jan 2018 caused by a delay in submitting the report to RDOŚ.
112	Due to the protection of the white storks' nests, all the construction works connected with new embankments in Chlewice village and in sectors of embankments that are no more than 200 m far from apparently occupied nests should be carried out outside the nesting period of the white stork falling on 15.III-31.V	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Mar 2018, May 2018; works were performed closer than required.
113	During the works construction, the Contractor shall observe standards, restrictions and recommendations as well as respect	The measure was implemented and completed No non-compliance reported in the reporting period.

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	limitations arising from the existence of areas and facilities formed under the Act of 16 April 2004 on environmental protection.	
114	It is not allowed to make use of substances which could be lethal to animals.	The measure was implemented and completed  No non-compliance reported in the reporting period.
115	If during construction works or earthworks the Contractor discovers an object likely to be a historic structure, he 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 Provincial Conservator of Historical Monuments, and if not possible, Boleszkowice Commune Head, Widuchowa Commune Head or Gryfino Commune Head. The Contractor shall also inform the Engineer about the case.	The measure was implemented and completed No non-compliance reported in the reporting period.
116	In case of coming across human remains (graves with human skeletons), the Contractor is obliged to inform archaeological supervision and the Engineer. Archaeological supervision makes a decision if there is a need, on the part of the Contractor, to inform the Police.	The measure was implemented and completed No non-compliance reported in the reporting period.
117	For the purpose of implementing the above EMP conditions related to the protection of cultural landscape and monuments, the Contractor will also obtain the permit issued by the Provincial Conservator of Historical Monuments (PCHM) for the performance of archaeological rescue survey.	The measure was implemented and completed No non-compliance reported in the reporting period.
118	Protect health and safety of people, including fire protection – development of HASP (Health and Safety Plan), obtaining acceptance of Engineer for and implementation of HASP plan, which will remain in force until construction works completion. Requirements with regard to fire protection included in HASP should include also prohibition on bonfires and combustion of flammable materials within the construction site area.	In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jan 2018, Jan 2021; camp fires were reported at the construction site.
119	The Contractor will ensure the preparation, implementation after the approval by the Engineer of Building site organization design.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Jul 2018, Sep 2020, the Contractor did not obtain the Engineer's approval for the Construction Site Organization Plan. The measure was not implemented in Aug 2018. Despite numerous requests from

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
		the Engineer in previous reporting periods, the Contractor did not present the Site Organization Plan that would meet the specified requirements. The incident had no impact on the Contract or natural environment.
120	The Contractor will ensure the preparation, implementation after the approval by the Engineer of Quality Assurance Plan.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Aug 2018, Sep 2020; the Contractor did not obtain the Engineer's approval for QAP.
121	The Contractor will ensure the preparation, implementation after the approval by the Engineer of the construction site's flood management plan for the time of the works.	The measure was implemented and completed In the reporting period a non-compliance (partial implementation) in the measure's implementation was reported in Sep 2020; the Contractor did not obtain the Engineer's approval for the construction site's Flood Protection Plan.
122	Allocating dangerous zones which pose a risk to human health and life, and marking, with their use, warning boards, securing against unauthorized access.	The measure was implemented and completed Non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Sep 2020; the Contractor did not set zones or did not secure the construction site against unauthorized access.
123	Ensuring health and safety in terms of organization – the Contractor shall ensure and maintain the safety of the works conducted.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017; it consisted in missing signage at Krajnik - Marwice section.
124	Ensuring health and safety in terms of organisation – the Contractor shall assign the construction area, as far as possible from the residential development areas in order to eliminate excessive noise and vibration emission at the time of the Task implementation.	The measure was implemented and completed The measure was assigned the "not implemented" status in May 2018 - Jul 2018. The Contractor concluded the Contractor had no influence on marking of the construction site. The measure had "not applicable" status until the end of the Contract's delivery.
125	The Contractor shall secure and provide marking on the building site.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Dec 2017, Jul 2019 - Aug 2019,

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period			
(1)	(2)	(3)			
		Apr 2020, Sep 2020 - Jan 2021, May 2021 - Jul 2021; incomplete signage and protection of the construction site was reported. The measure was not implemented in Sep 2019 - Nov 2019; despite the Engineer's numerous dunning letters, the Contractor did not provide the missing signage. The signage and protective measures were provided by the new Contractor. The incident had no impact on the Contract or natural environment.			
126	The Contractor shall mark traffic routes on the building site.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Oct 2017 - Jun 2018, Sep 2020 - Dec 2020; the Contractor did not set traffic routes.			
127	The Contractor shall prepare a traffic plan (evacuation plan) for the building area and site in emergency (fire, accident, technical failure, etc.), which will be approved by the Engineer prior to the commencement of works.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jan 2018 - Feb 2018; the Engineer did not approve the traffic plan.			
128	Protection of health and safety in relation to applied technical measures by the use of efficient machines and tools subject to periodic service in accordance with the manufacturer's requirements.	The measure was implemented and completed No non-compliance reported in the reporting period.			
129	Protection of health and safety in relation to applied technical measures by the use of machines and tools according to their intended use.	The measure was implemented and completed No non-compliance reported in the reporting period.			
130	Any procedures related to the maintenance of machines and refuelling must be performed within dedicated site facilities which are improved and equipped with relevant sorbents. Building site facilities must be equipped with oil derivative substances sorbents throughout the Task implementation period. The Contractor must also provide training to employees within the scope of their correct usage.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported in the measure's implementation in Feb 2018 - Jul 2018, Oct 2020 - Nov 2020; they consisted in missing sorbents or improper type of sorbent. The measure was not implemented in Oct 2017 - Dec 2017, Sep 2019, and Nov 2019; the Contractor did not provide sorbents for site facilities. Ultimately, the Contractor provided what was missing. The incident had no impact on the Contract or natural environment.			

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period		
(1)	(2)	(3)		
131	It is required to ensure ongoing monitoring of a technical condition of machines, correct performance of works and strict adherence to the Occupational Health and Safety regulations in order to eliminate an increased noise level within the works zone and in its immediate vicinity.	The measure was implemented and completed No non-compliance reported in the reporting period.		
132	The Contractor shall ensure constant visibility conditions during the day and at night of such structures and signage which is obligatory for safety reasons.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) were reported for the measure's implementation in Jul 2019 - Sep 2020, Nov 2019 - Apr 2020; missing nighttime visibility signage was reporter. The measure was not implemented in Oct 2019; a lack of traffic lights at the embankment crossing in Chlewice was reported. Ultimately, the Contractor provided what was missing. The incident had no impact on the Contract or natural environment.		
133	HIV–AIDS prevention. The Contractor shall implement training and programme of raising awareness of spreading HIV–AIDS through an approved service provider and shall take all other measures outlined in the Agreement (General Conditions, Clause 6.7) in order to reduce a risk of HIV transfer among the Contractor's personnel and local population and it shall promote early diagnostics and support for infected people.	The measure was implemented and completed In the reporting period non-compliances (partial implementation) of the measure's implementation was reported for Nov 2017 - Mar 2018, Jul 2019 - Nov 2019, Oct 2020; no campaign for the local community was held. The measure was not implemented in Sep 2020; the Contractor did not hold the training and did not start the campaign. Ultimately, the Contractor implemented the measure completely. The incident had no impact on the Contract.		
134	If technically feasible and reasonable, soil gathered from earthworks must be, in the first place, managed on the building site through using it for constructing and shaping embankments. The remaining soil material not appropriate for being re-used (e.g. chemically contaminated) the Contractor must manage in accordance with applicable waste regulations.	The measure was implemented and completed No non-compliance reported in the reporting period.		
135	Soil material, including peat, extracted during earth works (Structure: <i>Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River</i> ) shall be managed on the construction site by use for embankments construction and forming. Peat shall be	The measure was implemented and completed No non-compliance reported in the reporting period.		

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
136	beforehand mixed with fertile soil layer and then it shall be used in the covering layer of the embankment.  Within 42 days from the moment of Works commencement, the Contractor shall develop and submit to the Engineer the waste management plan concerning waste generated during works implementation, taking into account, among others, guidelines and procedures of waste handling, included in EMP and taking into account the possibility of coming across, during works implementation, hazardous substances, such as crop protection chemicals, oils, lubricates, fuels and others (in both language versions of the document) and the need to inform the police in case of finding other unidentified items and objects potentially hazardous for human health and safety as well as environment	The measure was implemented and completed In the reporting period non-compliances (partial implementation) in the measure's implementation were reported in Sep 2020; the Engineer did not approve the waste handling plan.
137	The Contractor's environmental team should be present throughout the whole works construction period.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Aug 2021, they consisted in non-reporting environmental supervision in Chlewice. The measure was not implemented in Sep 2020 - Nov 2022 due to termination of the contract with the current Contractor. Due to no works performed, it had no adverse impact on the environment.
138	The Contractor's environmental team conducts the inspection of the area of works construction prior to their implementation and during such works.	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Aug 2021, they consisted in non-reporting environmental supervision in Chlewice. The measure was not implemented from Sep 2020 to Nov 2022 due to termination of the contract with the current Contractor. Due to no works performed, it had no adverse impact on the environment.
139	Activities of Contractor's environmental team should include:  • current inspection of area covered by construction and hydraulic works prior to their commencement and inspections during construction along with preparing relevant reports, constituting documentation of proper performance of environmental team and at the same time informing about due implementation of minimising measures,	The measure was implemented and completed Individual non-compliances (partial implementation) were reported for the measure's implementation in Aug 2021, they consisted in non-reporting environmental supervision in Chlewice. From Sep 2019 to Nov 2019 the measure was not implemented due to termination of the contract with the

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period				
(1)	(2)	(3)				
	• formulating and reporting to the Engineer requests with regard to the need of minimizing actions (along with their execution) necessary to alleviate unfavourable effects of Task on natural habitats and species being the object of interest of the Community and subject to national legal protection (species protection)that were unforeseeable and/or impossible to disclose at the stage of agreeing on implementation terms of the concerned Task under the procedure aimed at issuance of the decision on environmental conditions, the activities may be implemented only after the Engineer's acceptance.	current Contractor. Due to no works performed, it had no adverse impact on the environment.				
140	The Contractor's environmental team prepares required materials and applications for obtaining permission for deviation from the prohibitions connected with protected species of plants, fungi and animals under conditions and procedure specified in the Act of 16 April 2004 on environmental protection	The measure was implemented and completed From Sep 2019 to Nov 2019 the measure was not implemented due to termination of the contract with the current Contractor. Due to no works performed, it had no adverse impact on the environment.				
141	The Contractor's environmental team submits periodical reports to the Regional Director of Environmental Protection and reports monthly, quarterly and final, submits to Engineer.	The measure was implemented and completed The measure was not implemented in Sep 2019 - Nov 2019, Dec 2020 due to termination of the contract with the current Contractor or a lack of the monthly report submitted to the Engineer (2020). Due to no works performed, it had no adverse impact on the environment.				
142	In the event of discovering unexploded shells the Contractor shall immediately stop the works and evacuate workers as well as notify the police and a licensed sapper unit.	The measure was implemented and completed No non-compliance reported in the reporting period.				
143	The Contractor shall ensure sapper supervision throughout the performance of earthworks, which will consist of on-going inspection and clearance of the area from hazardous objects of a military origin and their disposal.	The measure was implemented and completed No non-compliance reported in the reporting period.				
144	Slopes and crowns of extended and constructed flood embankment, after the end of construction works, to be sown with grass mix composition of which shall be agreed on with expert – phytosociologist.	The measure was implemented and completed No non-compliance reported in the reporting period.				
145	During the works, continuous archaeological supervision will be ensured.	The measure was implemented and completed No non-compliance reported in the reporting period.				
146	Contractor's OHS supervision shall be responsible for adequate marking of building site according to applicable laws. This marking	The measure was implemented and completed				

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period		
(1)	(2)	(3)		
	shall be regularly controlled, in the case of destruction or theft of marking the Contractor shall promptly replaced or supplement it.	The measure was not implemented from Sep 2019 to Nov 2019 due to termination of the contract with the current Contractor.  In the period, the site was temporarily monitored by the Engineer for signage and accident prevention. In subsequent reporting periods, until a new Contractor is selected, the status will be N/NN because of no current Contract delivery.		
147	The Contractor is responsible for providing training (completed with a test verifying the knowledge of participants) within EMP rules and conditions and protective indications at the time of construction for its managing personnel and engineering–technical personnel supervising the construction works, which must be prepared with the help of Contractor's environmental team. The Contractor's employees who will handle fuels and other oil derivative substances should receive training within the protection of soil and water environment and applicable protective measures, including the use of sorbents.	The measure was implemented and completed  No non-compliance reported in the reporting period.		
148	During the implementation of the tasks arising from the EMP monthly team meetings PIO, Engineer and Contractor will take place to discuss and monitor the implementation of mitigation and monitoring measures.	The measure was implemented and completed In the reporting period individual non-compliances (partial implementation) were reported for the measure's implementation in Sep 2019 - Nov 2019, Apr 2020 - Aug 2020; due to the termination of the contract the Contractor did not attend the meetings. The measure was not implemented in Mar 2019 and Mar 2020, no dedicated meeting was held due to the intensity of works related to agreeing an amendment for the change of screen technology (2019), due to the state of epidemic (2020); EMP issues were covered at one of the site meetings. The incident had no impact on the Contract or natural environment.		
149	In the areas under acoustic protection and the working sites adjacent to these areas, in order to mitigate the nuisance for inhabitants and environment, it is allowed to use only pumping engines equipped with soundproof housing.	The measure was implemented and completed No non-compliance reported in the reporting period.		
150	It is necessary to conduct treatment of the areas sown with grass, including, i.a. double mowing of embankment surface (in June and September – for structure <i>Chlewice-Porzecze. Backwater</i>	The measure was implemented and completed In the reporting period individual non-compliances (partial implementation) were reported for the measure's		

Checklist for the implementation of activities listed in Appendix 1 and 2 of the EMP for Contract 1A.1 Chlewice-Porzecze. Backwater embankment of Odra River at Myśla River. Modernization of Marwicki polder stage I and II. (since Aug. 2020 - 1A.4 Implementation of works involving the completion of flood embankment Chlewice, Marwice-Krajnik, Mniszki-Gryfino).

No.	Mitigating measures according to Appendix 1 of the EMP	Progress in the reporting period
(1)	(2)	(3)
	embankment of Odra River at Myśla River and removal of hard overgrowth. Structure: Modernization of Marwicki polder stage I and II mowing will take place beyond the bird breeding season. This activity comprises also the period of reporting defects.	implementation in May 2019 - Aug 2019; the Contractor did not perform any treatment works at grass-sown areas. The measure was not implemented from Sep 2019 to Nov 2019 due to a lack of the Contractor. The newly selected Contractor performed the grass treatment procedures. The incident had no impact on the Contract or natural environment.
151	It is not allowed to plant trees and shrubs on the embankments in the distance of 3 m from the embankment foot.	The measure was implemented and completed No non-compliance reported in the reporting period.

Part II. Checklist for the implementation of the Contractor's and Engineer's monitoring measures listed in Appendix 2 to the EMP for Contract 1A. 1

No.	Monitoring measure according to Appendix 2 to the EMP	Progress in the reporting period
(1)	(2)	(3)
1-151	Monitoring of the implementation of mitigating measures from Appendix 1 to the EMP The subject of monitoring According to the descriptions given in items 1-151 in Appendix 2 to the EMP.	Monitoring of the measures started on the date of the notice to proceed with the Construction Works (30 May 2017) and continued until the end of the
	Monitoring areas According to the descriptions given in items 1-151 in Appendix 2 to the EMP.	reporting period (26 Jan 2022). No problems regarding implementation of the monitoring measures were reported.
	The way of monitoring implementation According to the descriptions given in items 1-151 in Appendix 2 to the EMP	
	Time and frequency of monitoring implementation According to the descriptions given in items 1-151 in Appendix 2 to the EMP	
	Monitoring unit Investor, Engineer and Contractor (according to descriptions provided in items 1 to 151 in Appendix 2).	

## Part III. Quantitative summary of the implemented measures listed in Appendix 1 and 2 to the EMP, in the scope of work relating to the Contractor, in the reporting period.

This part of Appendix 1 to the Final Report on the implemented measures specified in the Environmental Management Plan (EMP) for Contract 1A.1 presents a quantitative summary of the implemented measures listed in Appendix 1 and 2 of the EMP in the reporting period.

Category		Mitigation measures (items 1-151 in Appendix 1 to the PZŚ)		Monitoring measures (items 1- 151 in Attachment 2 to EMP)		
	(	quantity	item number	quantity		item number
Measures implemented the reporti period	in ing	151	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151	151	22, 39, 56, 73, 90, 105 118	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 5, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 3, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 1, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 145, 146, 147, 148, 149, 150, 151
Measures implemented in reporting period			-	0	-	