

PHOTO DOCUMENTATION

Appendix no. 1

to the Final Report on implementation of measures determined in EMP
for the Contract 3A.6

Odra-Vistula Flood Management Project

OVFMP Subcomponent	3A Flood Protection of Upper Vistula Towns and Cracow
Contract Task	3A.6 Construction of a pumping station for mobile pumps to drain the Lesisko complex
Investor / Project Implementation Unit	State Water Holding Polish Waters Regional Water Management Authority in Cracow 22. Marszałka J. Piłsudskiego Street, 31-109 Cracow, Poland
Project Implementation Office (PIO)	Project Implementation Office in Cracow 22. Marszałka J. Piłsudskiego Street, 31-109 Cracow, Poland
Contractor of Works	Przedsiębiorstwo Budownictwa Wodno-Inżynieryjnego w Krakowie Sp. z o.o. 17. Bogucka Street, 30-020 Wieliczka, Poland
Engineer	AECOM Polska Sp. z o.o. Project Office: 1. Pokoju Alley, 31-548 Cracow, Poland

This document – forming **Appendix no. 2** to the *Final Report on implementation of measures determined in the Environmental Management Plan for Contract 3A.6* (reporting period: March 11, 2022 – January 31, 2023), presents a photo documentation regarding implementation of the EMP.



Fig. 1. Site condition in the first month of the works implementation period – construction area of an embankment lock on the Ditch 2a on the embanked area of the Vistula River, status in the third decade of March 2022 (view towards the south).



Fig. 2. Site condition in the first month of the works implementation period – construction area of an embankment lock on the Ditch 2a on the area beyond the Vistula River embankment, status in the third decade of March 2022 (view towards the north).



Fig. 3. Site condition in the first month of the works implementation period – construction area of a pumping station for mobile pumps and a site flood storage reservoir upstream of the embankment lock status in the third decade of March 2022 (view towards the north).



Fig. 4. Site condition in the first month of the works implementation period – construction area of a site flood storage reservoir upstream of the embankment lock and a pumping station for mobile pumps, status in the third decade of March 2022 (view towards the south).



Fig. 5. Site condition in the first month of the works implementation period – redeveloped section of the Ditch 2a – downstream part, status in the third decade of March 2022 (view towards the south).



Fig. 6. Site condition in the first month of the works implementation period – redeveloped section of the Ditch 2a – upstream part, status in the third decade of March 2022 (view towards the north).



Fig. 7. Site condition in the first month of the works implementation period – redeveloped section of the Ditch 2 – downstream part, status in the third decade of March 2022 (view towards the east).



Fig. 8. Site condition in the first month of the works implementation period – redeveloped section of the Ditch 2 – upstream part, status in the third decade of March 2022 (view towards the west).



Fig. 9. Site condition in the first month of the works implementation period – redeveloped reservoir on the Ditch 2, eastern part, status in the third decade of March 2022 (view towards the east).



Fig. 10. Site condition in the first month of the works implementation period – redeveloped reservoir on the Ditch 2, western part, status in the third decade of March 2022 (view towards the west).



Fig. 11. Condition of the replacement planting area prior to the start of planting – plot no. 158 within the cadastral area of NH 54 in Cracow, status in the third decade of September 2022 (view towards the north-west).



Fig. 12. Condition of the replacement planting area prior to the start of planting – plot no. 159 within the cadastral area of NH 54 in Cracow, status in the third decade of September 2022 (view towards the east).



Fig. 13. Inspection of environmental supervision prior to the start of tree felling, status in the second half of March 2022 (view towards the west).



Fig. 14. Tree felling on the northern bank of the reservoir on the Ditch 2, status in the second half of March 2022 (view towards the east).



Fig. 15. Site facilities in the area beyond the left Vistula embankment, status in the third decade of April 2022 (view towards the south).



Fig. 16. Marking of the entrance to the construction site from the Zagloby Street, status in the third decade of April 2022 (view towards the north-east).



Fig. 17. Marking of the entrance to the construction site from the Klasztorna Street, status in the third decade of April 2022 (view towards the west).



Fig. 18. Marking of the entrance to the construction site from the Odmetowa Street, status in the third decade of April 2022 (view towards the west).



Fig. 19. Fencing of the construction site along the Zagloby Street, status in the third decade of June 2022 (view towards the north).



Fig. 20. Fencing of the construction site along the Odmetowa Street, status in the third decade of April 2022 (view towards the west).



Fig. 21. Protection of hazardous sites on the construction area of embankment lock on the Ditch 2a within the embanked area of the Vistula River, status in the third decade of December 2022 (view towards the north).



Fig. 22. Protection of hazardous sites on the construction area of embankment lock on the Ditch 2a within the area beyond the Vistula River embankment, status in the third decade of July 2022 (view towards the north).



Fig. 23. Protection of trees not intended to felling
in the vicinity of construction area of site flood storage reservoir on the Ditch 2a,
status in the third decade of April 2022
(view towards the north).



Fig. 24. Protection of trees not intended to felling
on the northern bank of redeveloped reservoir on the Ditch 2,
status in the third decade of April 2022
(view towards the north).



Fig. 25. Protection of trees not intended to felling
in the vicinity of construction area on the Ditch 2,
status in the third decade of May 2022
(view towards the east).



Fig. 26. Preventing the spread of foreign invasive plant species
– fencing off knotweed site on the northern bank of the Ditch 2,
status in the third decade of May 2022
(view towards the north).



Fig. 27. Protection of bat site in a street lamp at the Podbipiety Street, status in the third decade of July 2022 (view towards the east).



Fig. 28. Protection of bat site in an old poplar tree south-west of the reservoir on the Ditch 2, status in the third decade of November 2022 (view towards the south).



Fig. 29. Construction of herpetological fence on the northern bank of the redeveloped reservoir on the Ditch 2, status in the second half of April 2022 (view towards the east).



Fig. 30. Herpetological fence on the northern bank of the redeveloped reservoir on the Ditch 2, status in the third decade of April 2022 (view towards the east).



Fig. 31. Earthworks on the construction area of embankment lock on the Ditch 2a within the embanked area of the Vistula River, status in the third decade of July 2022 (view towards the south).



Fig. 32. Removal of sheet piling on the construction area of embankment lock on the Ditch 2a within the embanked area of the Vistula River, status in the third decade of September 2022 (view towards the south).



Fig. 33. Redeveloped gravity pipeline (right) and new pressure pipeline (left) on the construction area of embankment lock on the Ditch 2a, status in the third decade of July 2022 (view towards the south).



Fig. 34. Ensuring water flow in the Ditch 2a during works at the embankment lock, status in the third decade of June 2022 (view towards the south).



Fig. 35. Earthworks at the construction of flood storage reservoir on the Ditch 2a, status in the third decade of August 2022 (view towards the north).



Fig. 36. Formation of slopes of flood storage reservoir on the Ditch 2a, status in the third decade of September 2022 (view towards the north).



Fig. 37. Construction of a pumping station for mobile pumps on the Ditch 2a, status in the third decade of December 2022 (view towards the east).



Fig. 38. Construction of a pumping station for mobile pumps on the Ditch 2a, status in the third decade of December 2022 (view towards the west).



Fig. 39. Construction of a maneuvering yard
at pumping station for mobile pumps on the Ditch 2a,
status in the third decade of December 2022
(view towards the south-east).



Fig. 40. Land reclamation in the vicinity of maneuvering yard and pumping station
for mobile pumps on the Ditch 2a,
status in the third decade of January 2023
(view towards the north).



Fig. 41. Formation of bank slopes on the Ditch 2a, status in the third decade of June 2022 (view towards the south).



Fig. 42. Bank slopes insurance on the Ditch 2a, status in the third decade of September 2022 (view towards the south).



Fig. 43. Growth of grasses sown on the bank slopes on the Ditch 2a, status in the third decade of October 2022 (view towards the south).



Fig. 44. Growth of grasses sown on the bank slopes on the Ditch 2, status in the third decade of October 2022 (view towards the east).



Fig. 45. Earthworks on the northern bank of the redeveloped reservoir on the Ditch 2, status in the third decade of May 2022 (view towards the east).



Fig. 46. Earthworks on the southern bank of the redeveloped reservoir on the Ditch 2, status in the third decade of May 2022 (view towards the east).



Fig. 47. Regeneration of vegetation
in the eastern part of the redeveloped reservoir on the Ditch 2,
status in the third decade of November 2022
(view towards the west).



Fig. 48. Regeneration of vegetation
in the western part of the redeveloped reservoir on the Ditch 2,
status in the third decade of October 2022
(view towards the west).



Fig. 49. Site condition in the last month of the works implementation period – construction area of an embankment lock on the Ditch 2a on the embanked area of the Vistula River, status in the third decade of January 2023 (view towards the south).



Fig. 50. Site condition in the last month of the works implementation period – construction area of an embankment lock on the Ditch 2a on the area beyond the Vistula River embankment, status in the third decade of January 2023 (view towards the north).



Fig. 51. Site condition in the last month of the works implementation period – construction area of a pumping station for mobile pumps and a site flood storage reservoir upstream of the embankment lock, status in the third decade of January 2023 (view towards the north).



Fig. 52. Site condition in the last month of the works implementation period – construction area of a site flood storage reservoir upstream of the embankment lock and a pumping station for mobile pumps, status in the third decade of January 2023 (view towards the south).



Fig. 53. Site condition in the last month of the works implementation period – redeveloped section of the Ditch 2a – downstream part, status in the third decade of January 2023 (view towards the south).



Fig. 54. Site condition in the last month of the works implementation period – redeveloped section of the Ditch 2a – upstream part, status in the third decade of January 2023 (view towards the north).



Fig. 55. Site condition in the last month of the works implementation period – redeveloped section of the Ditch 2 – downstream part, status in the third decade of January 2023 (view towards the east).



Fig. 56. Site condition in the last month of the works implementation period – redeveloped section of the Ditch 2 – upstream part, status in the third decade of January 2023 (view towards the west).



Fig. 57. Site condition in the last month of the works implementation period – redeveloped reservoir on the Ditch 2, eastern part, status in the third decade of January 2023 (view towards the east).



Fig. 58. Site condition in the last month of the works implementation period – redeveloped reservoir on the Ditch 2, western part, status in the third decade of January 2023 (view towards the west).



Fig. 59. Condition of the replacement planting area in the last month of the works implementation period – plot No. 158 within the cadastral area of NH 54 in Cracow, status in the third decade of January 2023 (view towards the north-west).



Fig. 60. Condition of the replacement planting area in the last month of the works implementation period – plot No. 159 within the cadastral area of NH 54 in Cracow, status in the third decade of January 2023 (view towards the east).