

PHOTO DOCUMENTATION

Appendix no. 2
to the Final Report on implementation of measures determined in EMP
for the Contract 3A.3

Odra-Vistula Flood Management Project

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| OVFMP Subcomponent | 3A Flood Protection of Upper Vistula Towns and Cracow |
| Contract Task | 3A.3 Section 4 – The right embankment of the Vistula River from the estuary of Skawinka to the Kościuszko Barrage |
| 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 | KELLER POLSKA Sp. z o.o. 172. Poznańska Street, 05-850 Ożarów Mazowiecki, Poland |
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This document – forming **Appendix no. 2** to the *Final Report on implementation of measures determined in the Environmental Management Plan for Contract 3A.3* (reporting period: February 05, 2020 – September 15, 2022), presents a photo documentation regarding implementation of the EMP.



Fig. 1. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 1*, status in the third decade of February 2020 (upstream view).



Fig. 2. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 1*, status in the third decade of February 2020 (downstream view).



Fig. 3. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 2*, status in the third decade of February 2020 (upstream view).



Fig. 4. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 2*, status in the third decade of February 2020 (downstream view).



Fig. 5. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 3*, status in the third decade of February 2020 (upstream view).



Fig. 6. Site condition in the first month of the works implementation period – the right Vistula embankment within *Task 3*, status in the third decade of February 2020 (downstream view).



Fig. 7. Tree felling within *Task 3*,
status in the third decade of February 2020
(view towards the area beyond the embankment).



Fig. 8. Cleaning up after felling trees within *Task 2*,
status in the third decade of March 2020 (downstream view).



Fig. 9. Site facilities in the area beyond the right Vistula embankment at the height of *Task 3*, status in the third decade of April 2020 (view towards the south-east).



Fig. 10. Site facilities in the area beyond the right Vistula embankment at the height of *Task 2*, status in the third decade of June 2020 (downstream view).



Fig. 11. Marking of the public road near the exit from the site facilities within *Task 3*, status in the third decade of March 2020 (view towards the north).



Fig. 12. Marking and keeping the public road clean near the exit from the construction site within *Task 3*, status in the third decade of July 2020 (upstream view).



Fig. 13. Marking of the construction site within *Task 1*, status in the third decade of May 2020 (downstream view).



Fig. 14. Marking of the construction site within *Task 3*, status in the third decade of February 2021 (upstream view).



Fig. 15. Protection of hazardous sites within *Task 1*,
status in the third decade of September 2020 (view towards the embanked area).



Fig. 16. Protection of hazardous sites within *Task 1*,
status in the third decade of March 2021 (view towards the embanked area).



Fig. 17. Protection of trees and shrubs not intended to felling within *Task 1*, status in the third decade of October 2020 (downstream view).



Fig. 18. Protection of trees and shrubs not intended to felling within *Task 1*, status in the third decade of January 2021 (downstream view).



Fig. 19. Protection of trees and shrubs not intended to felling within *Task 2*, status in the third decade of December 2020 (view towards the area beyond the embankment).



Fig. 20. Protection of trees and shrubs not intended to felling within *Task 3*, status in the third decade of December 2020 (view towards the area beyond the embankment).



Fig. 21. Removal of a top-soil layer within *Task 1*, status in the third decade of February 2020 (upstream view).



Fig. 22. Removal of a top-soil layer within *Task 3*, status in the third decade of June 2020 (downstream view).



Fig. 23. Protection of top-soil piles within *Task 1*,
status in the third decade of May 2020 (downstream view).

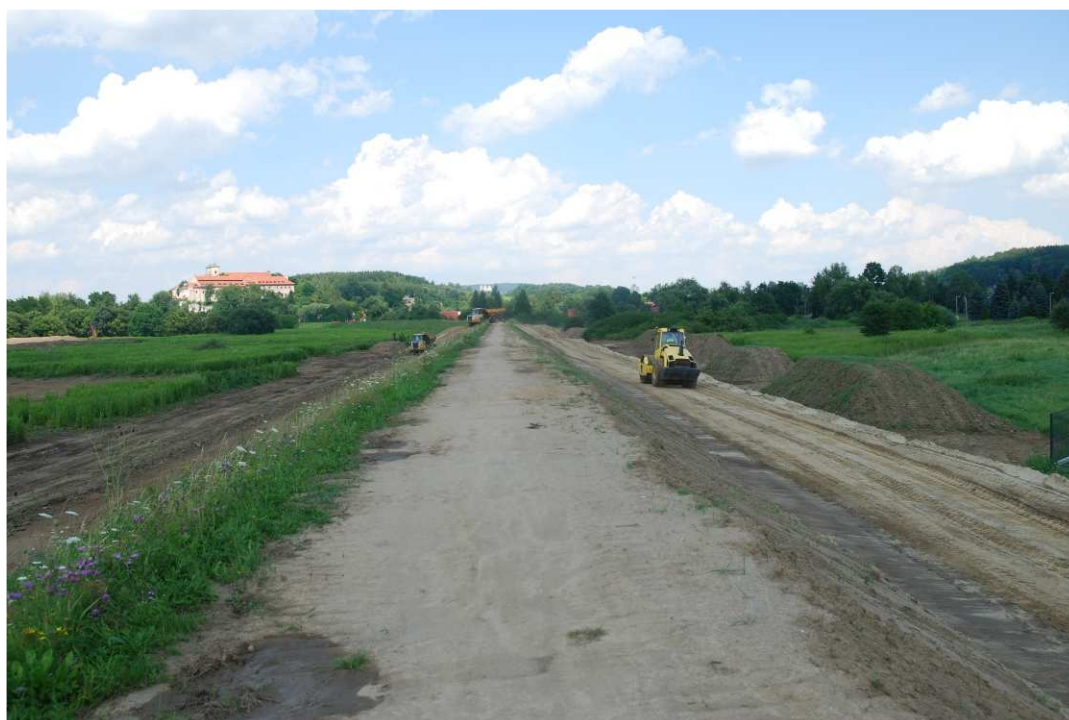


Fig. 24. Protection of top-soil piles within *Task 2*,
status in the third decade of July 2020 (downstream view).



Fig. 25. Redevelopment of the embankment culvert at km 61+239 of the Vistula embankment on *Task 1*, status in the third decade of November 2020 (view from the embanked area).



Fig. 26. Redevelopment of the embankment culvert at km 63+115 of the Vistula embankment on *Task 2*, status in the third decade of November 2020 (view towards the embanked area).



Fig. 27. Construction of a sheet piling barrier within *Task 3*, status in the third decade of May 2020 (downstream view).



Fig. 28. Construction of a sheet piling barrier within *Task 3*, status in the third decade of June 2020 (upstream view).



Fig. 29. Construction of a cement-bentonite barrier within *Task 2*, status in the third decade of August 2020 (upstream view).



Fig. 30. Construction of a cement-bentonite barrier within *Task 3*, status in the third decade of June 2020 (downstream view).



Fig. 31. Shaping the slopes of the flood embankment within *Task 1*, status in the third decade of September 2020 (downstream view).



Fig. 32. Shaping the slopes of the flood embankment within *Task 3*, status in the third decade of September 2020 (upstream view).



Fig. 33. Placement of bentomat on the slope of the flood embankment within *Task 3*, status in the third decade of October 2020 (upstream view).



Fig. 34. Placement of bentomat on the slope of the flood embankment within *Task 1*, status in the third decade of November 2020 (downstream view).



Fig. 35. Covering slopes of the flood embankment with a top-soil layer within *Task 1*, status in the third decade of October 2021 (upstream view).



Fig. 36. Covering slopes of the flood embankment with a top-soil layer within *Task 2*, status in the third decade of October 2021 (upstream view).



Fig. 37. Construction of a road on the crown of the flood embankment within *Task 2*, status in the third decade of March 2022 (downstream view).



Fig. 38. Construction of a road on the crown of the flood embankment within *Task 3*, status in the third decade of November 2021 (upstream view).



Fig. 39. Growth of grasses sown on the slope of the flood embankment within *Task 1*, status in the third decade of November 2021 (downstream view).



Fig. 40. Growth of grasses sown on the slope of the flood embankment within *Task 2*, status in the third decade of August 2022 (upstream view).



Fig. 41. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 1*, status in the third decade of September 2022 (upstream view).



Fig. 42. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 1*, status in the third decade of September 2022 (downstream view).



Fig. 43. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 2*, status in the third decade of September 2022 (upstream view).



Fig. 44. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 2*, status in the third decade of September 2022 (downstream view).



Fig. 45. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 3*, status in the third decade of September 2022 (upstream view).



Fig. 46. Site condition in the last month of the works implementation period – the right Vistula embankment within *Task 3*, status in the third decade of September 2022 (downstream view).



Fig. 47. Reclaimed area of the former site facilities in the area beyond the right Vistula embankment at the height of *Task 3*, status in the third decade of September 2022 (view towards the south).



Fig. 48. Reclaimed area of the former site facilities in the area beyond the right Vistula embankment at the height of *Task 2*, status in the third decade of September 2022 (downstream view).