

PHOTO DOCUMENTATION for Task 4

Appendix no. 2b
to the Final Report on implementation of measures determined in EMP
for the Contract 3B.1/1

Odra-Vistula Flood Management Project

OVFMP Subcomponent	3B Protection of Sandomierz and Tarnobrzeg
Contract Task	3B.1/1 Flood Protection Sandomierz – completion of Tasks 3 and 4
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This document – forming **Appendix no. 2b** to the *Final Report on implementation of measures determined in the Environmental Management Plan for Contract 3B.1/1*¹ (reporting period: February 11, 2020 – December 31, 2022), presents a photo documentation regarding implementation of the EMP in the scope of Task 4.

¹ See clarifications referring to the Environmental Management Plan (EMP) for Contract 3B.1/1 given in a footnote to the introduction to this Report.



Fig. 1. Site condition in the first quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Sandomierz-Zawisłe, status in the third decade of February 2020 (upstream view).



Fig. 2. Site condition in the first quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of February 2020 (upstream view).



Fig. 3. Site condition in the first quarter of the works implementation period on Task 4 – left bank of Koprzywianka river upstream of the bridge on the road Złota-Zawierzbie, status in the third decade of March 2020 (upstream view).



Fig. 4. Site condition in the first quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the bridge on the road Samborzec-Zajeziorsze, status in the third decade of February 2020 (upstream view).



Fig. 5. Site condition in the first quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the bridge on the road Szewce-Skotniki, status in the third decade of February 2020 (upstream view).



Fig. 6. Site condition in the first quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the bridge on the road Sośniczany-Skotniki, status in the third decade of February 2020 (upstream view).



Fig. 7. Site condition in the first quarter of the works implementation period on Task 4 – right bank of Koprzywnianka river upstream of the footbridge in Koprzywnica, status in the third decade of February 2020 (upstream view).



Fig. 8. Site condition in the first quarter of the works implementation period on Task 4 – right bank of Koprzywnianka river upstream of the bridge on the road no. 758 in Koprzywnica, status in the third decade of February 2020 (upstream view).



Fig. 9. Site facilities in the area beyond the left Koprzywianka embankment – left bank of Koprzywianka river upstream of the bridge on the road Andruszkowice-Koćmierzów, status in the second decade of June 2020 (downstream view).



Fig. 10. Storage yard in the area beyond the left Koprzywianka embankment – left bank of Koprzywianka river downstream of the bridge on the road Samborzec-Zajeziorko, status in the second decade of May 2020 (downstream view).



Fig. 11. Marking of the construction site
– right bank of Koprzywnianka river upstream of the bridge on the road
Samborzec-Zajeziorko, status in the third decade of October 2020
(upstream view).



Fig. 12. Marking of the construction site
– right bank of Koprzywnianka river downstream of the bridge on the road
no. 758 in Koprzywnica, status in the second decade of March 2020
(downstream view).



Fig. 13. Marking of public road near the exit from the construction site – right bank of Koprzywianka river at the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of August 2020 (view towards the north-west).

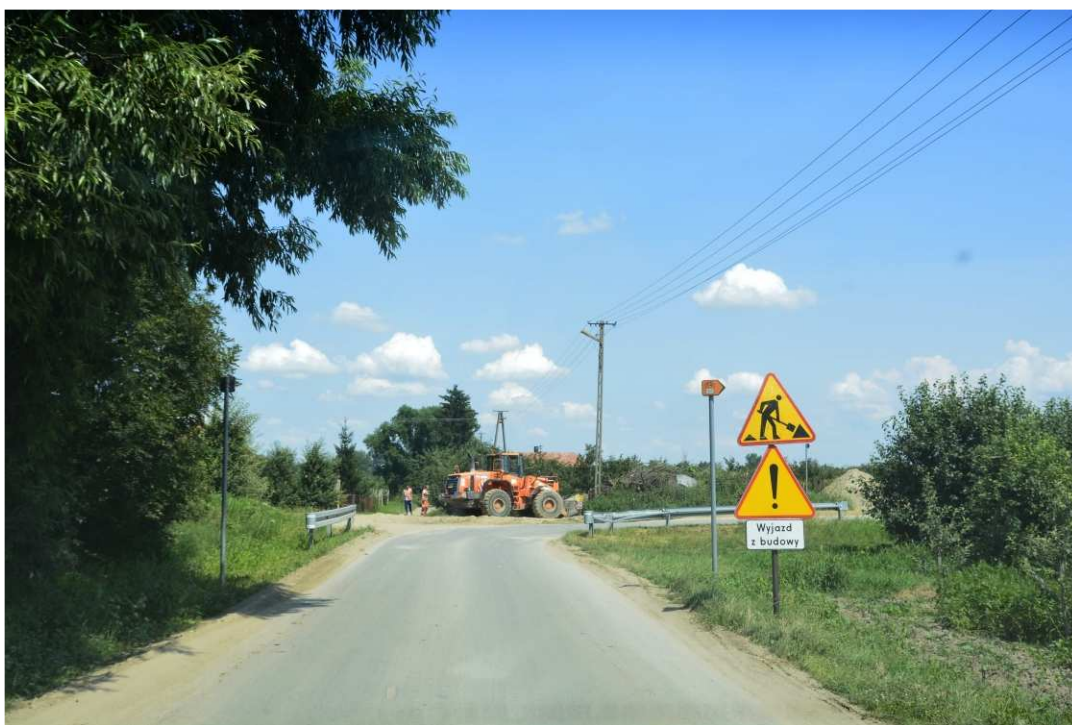


Fig. 14. Marking of public road near the exit from the storage yard – left bank of Koprzywianka river at the bridge on the road Sońniczany-Skotniki, status in the third decade of July 2020 (view towards the north-east).



Fig. 15. Protection of hazardous sites
– left bank of Koprzywianka river upstream of the bridge on the road Sandomierz-Zawisielcze, status in the second decade of January 2021 (upstream view).



Fig. 16. Protection of hazardous sites
– right bank of Koprzywianka river downstream of the bridge on the road no. 758 in Koprzywnica, status in the third decade of April 2021 (upstream view).



Fig. 17. Protection of trees and shrubs not intended to felling
– left bank of Koprzywianka river upstream of the bridge on the road
Sandomierz-Zawisielcze, status in the third decade of December 2020
(downstream view).



Fig. 18. Protection of trees and shrubs not intended to felling
– left bank of Koprzywianka river downstream of the bridge on the road
Sośniczany-Skotniki, status in the second decade of November 2020
(downstream view).



Fig. 19. Sprinkling technological roads in order to reduce dusting
– left bank of Koprzywianka river downstream of the bridge on the road
Andruszkowice-Koćmierzów, status in the third decade of April 2020
(downstream view).

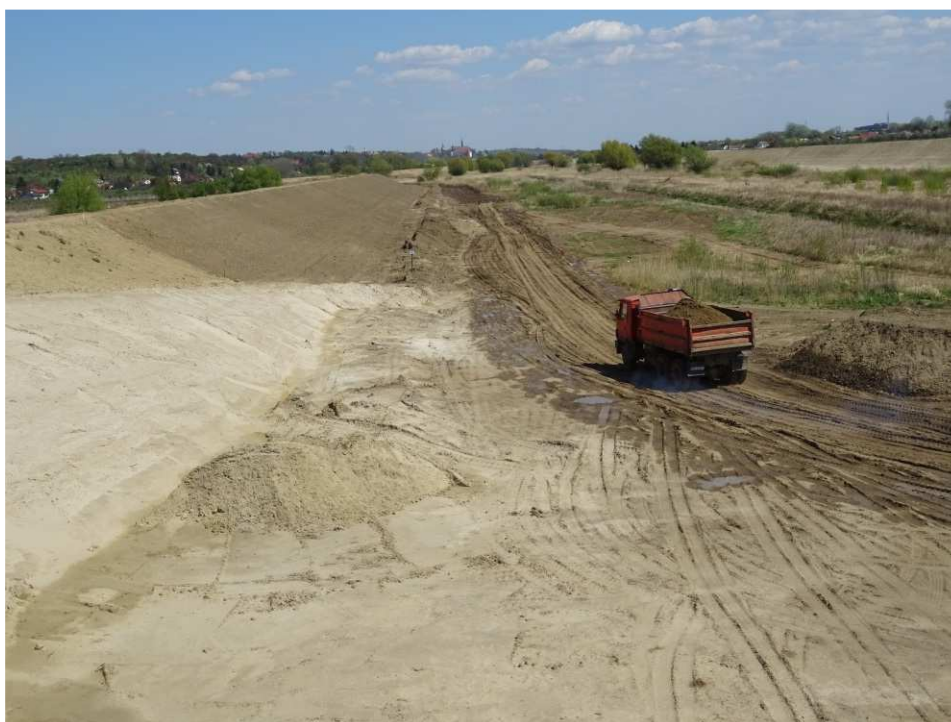


Fig. 20. Maintaining technological roads in a moist state in order to reduce dust
– left bank of Koprzywianka river downstream of the bridge on the road
Andruszkowice-Koćmierzów, status in the third decade of April 2020
(downstream view)



Fig. 21. Keeping public roads clean in the vicinity of the construction site
– bridge on the road Samborzec-Zajeziorko,
status in the second decade of June 2020 (view towards the south-east).



Fig. 22. Keeping public roads clean in the vicinity of the construction site
– access road to the bridge on the road Szewce-Skotniki,
status in the second decade of January 2021 (downstream view).



Fig. 23. Protection of top-soil piles
– left bank of Koprzywianka river downstream of the bridge on the road
Andruszkowice-Koćmierzów, status in the third decade of March 2020
(downstream view).



Fig. 24. Protection of top-soil piles
– right bank of Koprzywianka river upstream of the bridge on the road
Sońniczany-Skotniki, status in the second decade of April 2021
(upstream view).



Fig. 25. Construction of a cement-bentonite barrier
– right bank of Polanówka stream downstream of the bridge on the road
Kraków-Sandomierz, status in the third decade of April 2020 (upstream view).



Fig. 26. Construction of a cement-bentonite barrier
– left bank of Polanówka stream downstream of the bridge on the road
Kraków-Sandomierz, status in the second decade of April 2020
(downstream view).



Fig. 27. Driving the sheet piles at the base of the embankment
– right bank of Koprzywianka river downstream of the bridge on the road
Złota-Zawierzbie, status in the second decade of May 2020 (downstream view).



Fig. 28. Making a cap on the sheet pilings at the base of the embankment
– left bank of Koprzywianka river upstream of the bridge on the road
Sandomierz-Zawisielcze, status in the third decade of March 2020
(downstream view).



Fig. 29. Reconstruction of the embankment culvert
– right bank of Koprzywianka river downstream of the bridge on the road
Andruszkowice-Koćmierzów, status in the second decade of May 2020
(upstream view).



Fig. 30. Reconstruction of the embankment culvert
– right bank of Koprzywianka river upstream of the bridge on the road
Sońniczany-Skotniki, status in the second decade of April 2020
(downstream view).



Fig. 31. Transport of earth masses for the construction of a flood embankment – left bank of Koprzywianka river downstream of the bridge on the road Złota-Zawierzbie, status in the second decade of May 2020 (downstream view).



Fig. 32. Transport of earth masses for the construction of a flood embankment – left bank of Koprzywianka river downstream of the bridge on the road Sośniczany-Skotniki, status in the third decade of July 2020 (downstream view).



Fig. 33. Shaping the slopes of the flood embankment
– right bank of Koprzywianka river downstream of the bridge on the road
Andruszkowice-Koćmierzów, status in the second decade of April 2020
(downstream view).



Fig. 34. Shaping the slopes of the flood embankment
– left bank of Koprzywianka river downstream of the mouth of Polanówka
stream, status in the second decade of May 2020 (upstream view).



Fig. 35. Compaction of the body of the flood embankment
– left bank of Koprzywianka river upstream of the bridge on the road
Złota-Zawierzbie, status in the third decade of May 2020 (upstream view).



Fig. 36. Compaction of the body of the flood embankment
– left bank of Koprzywianka river downstream of the bridge on the road
Sośniczany-Skotniki, status in the third decade of May 2020
(downstream view).



Fig. 37. Placement of bentomat on the slope of the flood embankment – left bank of Koprzywianka river downstream of the bridge on the road Andruszkowice-Koćmierzów, status in the second decade of May 2020 (downstream view).



Fig. 38. Placement of bentomat on the slope of the flood embankment – right bank of Koprzywianka river downstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of May 2020 (upstream view).



Fig. 39. Covering slopes of the flood embankment with a top-soil layer – left bank of Koprzywianka river upstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of April 2020 (upstream view).



Fig. 40. Covering slopes of the flood embankment with a top-soil layer – left bank of Koprzywianka river upstream of the bridge on the road Samborzec-Zajeziórze, status in the first decade of December 2020 (upstream view).



Fig. 41. Construction of a road on the crown of the flood embankment – left bank of Koprzywianka river upstream of the bridge on the road Szewce-Skotniki, status in the second decade of June 2021 (upstream view).



Fig. 42. Construction of a road on the crown of the flood embankment – right bank of Koprzywianka river upstream of the footbridge in Koprzywnica, status in the third decade of April 2021 (upstream view).



Fig. 43. Growth of grasses sown on the slope of the flood embankment – left bank of Koprzywianka river upstream of the bridge on the road Sandomierz-Zawisielcze, status in the third decade of May 2021 (upstream view).



Fig. 44. Growth of grasses sown on the slope of the flood embankment – right bank of Koprzywianka river downstream of the bridge on the road Szewce-Skotniki, status in the third decade of October 2020 (downstream view).



Fig. 45. Reclamation of the area between the Koprzywianka embankments – right bank of Koprzywianka river upstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of October 2021 (upstream view).



Fig. 46. Reclamation of the area between the Koprzywianka embankments – banks of Koprzywianka river upstream of the bridge on the road Samborzec-Zajeziorko, status in the third decade of May 2021 (upstream view).



Fig. 47. Flooding from Koprzywianka in the area of works
– banks of Koprzywianka river upstream of the bridge on the road Sandomierz-Zawisłecze, status in the third decade of June 2020 (upstream view).



Fig. 48. Flooding from Koprzywianka in the area of works
– banks of Koprzywianka river downstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of June 2020 (downstream view).



Fig. 49. Site condition in the last quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Sandomierz-Zawisłe, status in the third decade of February 2022 (upstream view).



Fig. 50. Site condition in the last quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Andruszkowice-Koćmierzów, status in the third decade of March 2022 (upstream view).



Fig. 51. Site condition in the last quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Złota-Zawierzbie, status in the third decade of February 2022 (upstream view).



Fig. 52. Site condition in the last quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Samborzec-Zajeziorko, status in the third decade of March 2022 (upstream view).

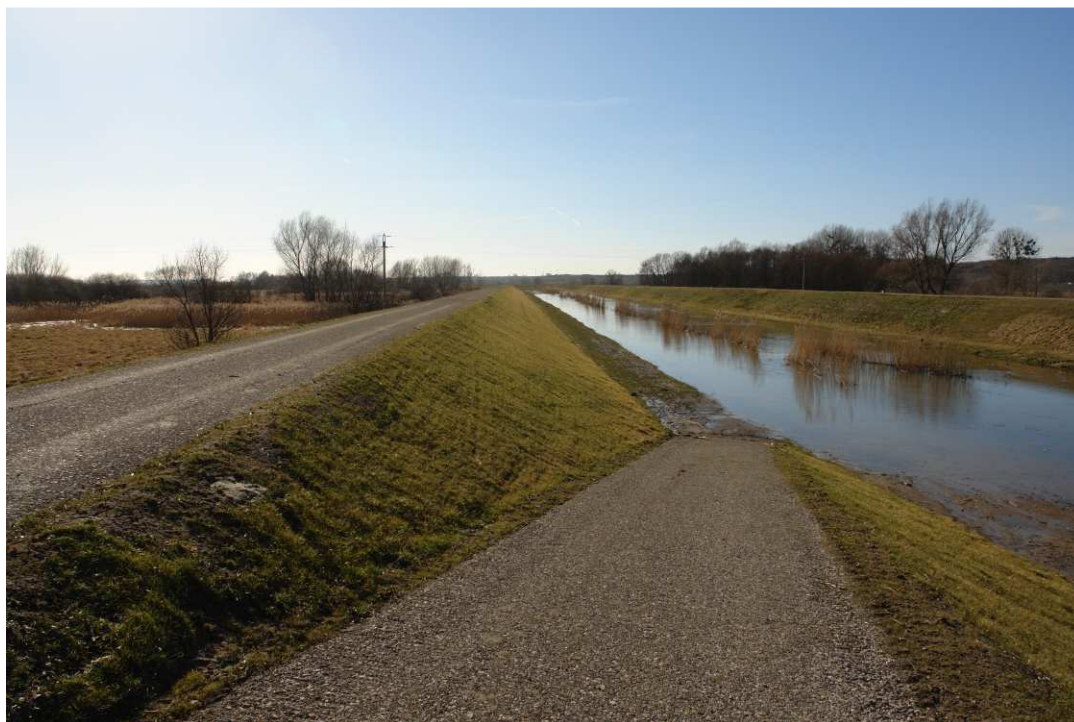


Fig. 53. Site condition in the last quarter of the works implementation period on Task 4 – banks of Koprzywianka river upstream of the bridge on the road Szewce-Skotniki, status in the third decade of February 2022 (upstream view).



Fig. 54. Site condition in the last quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the bridge on the road Sośniczany-Skotniki, status in the third decade of March 2022 (upstream view).



Fig. 55. Site condition in the last quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the footbridge in Koprzywnica, status in the third decade of February 2022 (upstream view).



Fig. 56. Site condition in the last quarter of the works implementation period on Task 4 – right bank of Koprzywianka river upstream of the bridge on the road no. 758 in Koprzywnica, status in the third decade of March 2022 (upstream view).