



**Figure S1.** Map of the location of the sampling sites in Poland.

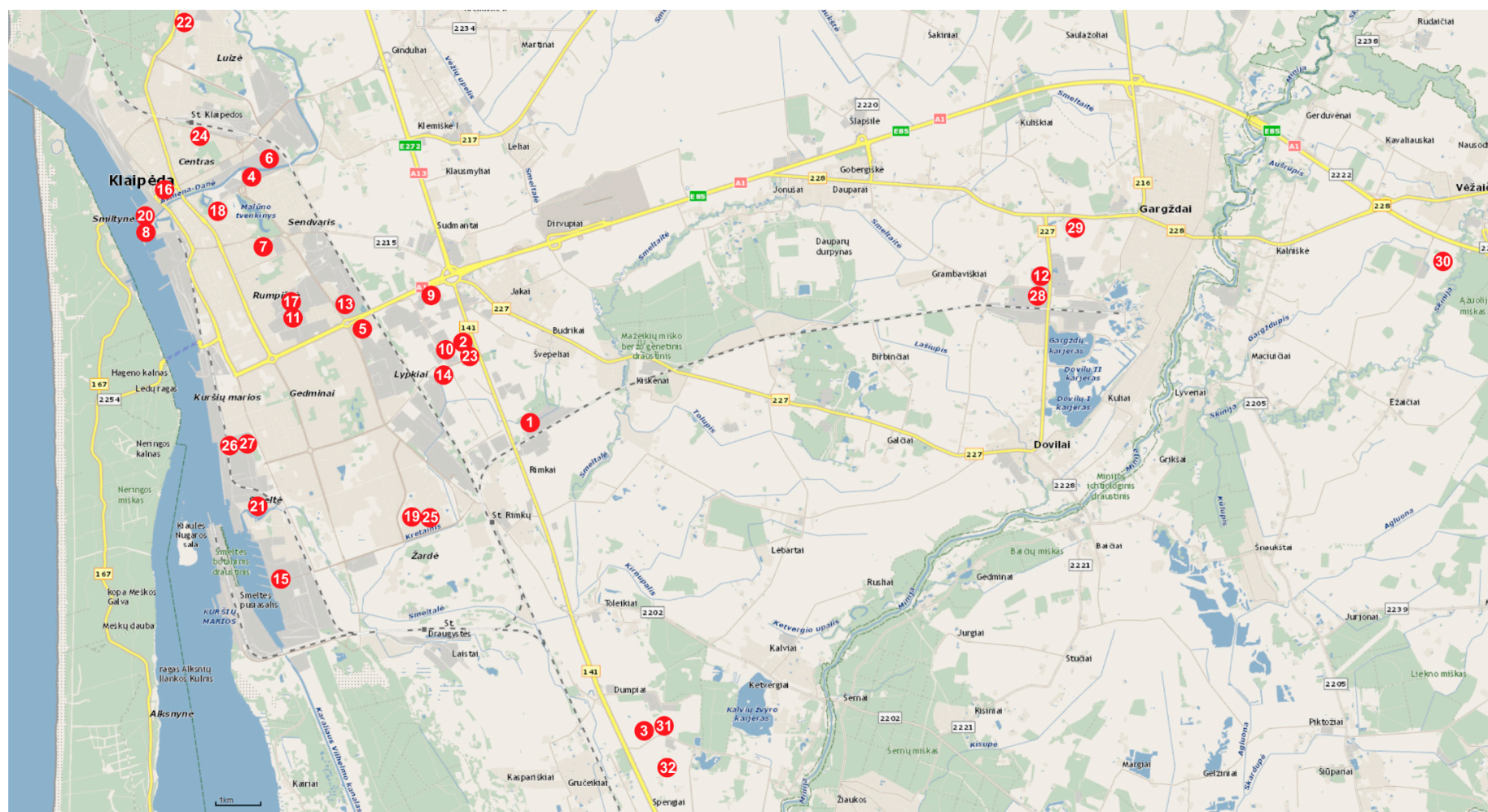


Figure S2. Map of the location of the sampling sites in Lithuania.

Table S1. Sampling site description.

Samples	Sampling points		
	Lithuania	Poland	Denmark
Water	No 1. PET factory		
	No 2. PET factory		
	No 3. Klaipeda region landfill		
	No 4. Furniture production		
	No 5. Shopping Center I (samples have been taken from the sewer hatches where the mix of pipes from various centre's activities are coming)		
	No 6. Wood processing	No 0. Treated sewage from Goleniów sewage treatment plant (outlet)	
	No 7. Laundry services	No 1. Sewage pumping station Source: cosmetics company, concrete plant, catering, laundry, processing of furskins.	
	No 8. Cruise ship terminal	No 2. Sewage pumping station Source: restaurants, café.	
	No 9. Tobacco Factory	No 3. Manhole. Sewage from: fast-food restaurant, gas station, kindergarten.	No 1. Inlet of the Rønne WWTP
	No 10. Fish processing	No 4. Manhole. Sewage from: restaurants, hairdresser, beautician.	No 2. Outlet of the Rønne WWTP
	No 11. Shopping center II (samples have been taken from the sewer hatches where the mix of pipes from various centre's activities are coming)	No 5. Manhole. Source: restaurants, café.	Rønne WWTP (address: Skansevej 2, 3700 Rønne)
	No 12. Food factory	No 6. Sewage pumping station Source: supermarket, market, restaurants, café.	
	No 13. Bread Factory	No 7. Manhole. Source: shopping center, production of cardboard packaging, train station.	
	No 14. Biodiesel production plant	No 8. Manhole on the sewage treatment plant. Source: all Industrial Park.	
	No 15. Energy supply, maintenance and repair services	No 9. Raw sewage Goleniów sewage treatment plant (inlet). Source: Goleniów town and commune (inlet)	
	No 16. Hotel		
	No 17. Concrete production		
	No 18. Bear factory		
	No 19. Domestic sewage		
	No 20. Sewage pumping station II		
	No 21. Sewage pumping station VI		
	No 22. Sewage pumping station XVII		
	No 23. Sewage pumping station XIX		
	No 24. Klaipeda Republican Hospital		
	No 25. Kindergarten		
	No 26. Truck wash services		
	No 27. Publishing-printing house		
	No 28. Sewage pumping station in Gargzdai II		
	No 29. Care home		
	No 30. District WWTP		
	No 31. Klaipeda WWTP outlet		
	No 32. Klaipeda WWTP inlet		