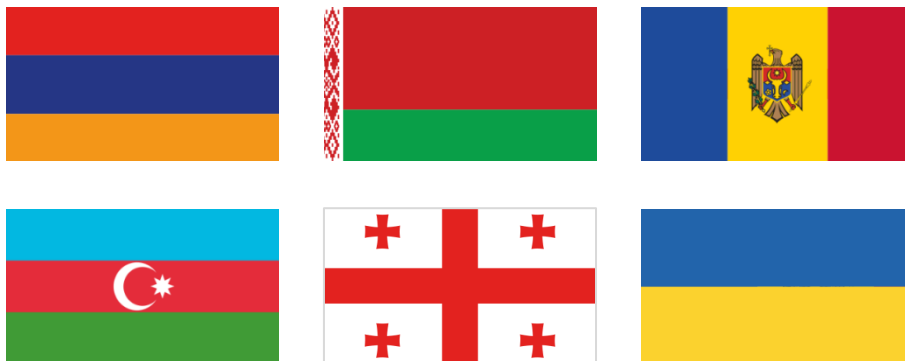




European Union Water Initiative Plus for the Eastern Partnership (EUWI+ 4 EaP) - Results 2 and 3

ENI/2016/372-403

SPECIFIC SAMPLING PLAN



Version 20190828

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Imprint

Owner and Editor: EU Member State Consortium

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August 2019

1. GENERAL ASPECTS OF THE SURVEY

Country	
River basin	
Campaign ¹⁾	
Objective	<ul style="list-style-type: none"> • Collecting data for the evaluation of existing or development of new assessment methods for benthic invertebrates • Providing a data base for the definition of reference conditions for benthic invertebrates in selected river types
Quality elements	Biological quality components: X Macrozoobenthos <input type="checkbox"/> Phytobenthos Supporting elements: X Hydro-morphological site description X General physico-chemical quality elements
Preparation of field work ²⁾	Date
Field work	Dates (from – until)
Chemical analyses	Expected date period (from – until)
Biological analyses	Expected date period (from – until)
Reporting	Expected date period (from – until)
Submission of technical report	Date

¹⁾ Specify the season (e.g. spring 2019) and the relation to hydrological conditions (e.g. after spring highwater period)

²⁾ for pick-up bottles, chemicals and equipment for field measurements

2. LIST OF SAMPLING SITES

River basin	River	WB	River type	Site	Nr	HMWB ¹⁾	Risk ²⁾	Significant Pressure ³⁾	Latitude ⁴⁾	Longitude ⁴⁾

¹⁾ Assignment as provisional HMWB: yes / no

²⁾ Assignment of the risk status: R = at risk, PR = possibly at risk, NR = not at risk

³⁾ Significant pressure: N = no significant pressure, P = organic pollution, E = eutrophication, T = toxic impact, H = hydro-morphological alterations, M = multistressor, O = other, U = unknown

⁴⁾ Latitude, Longitude: Format = Degree with six decimals (e.g. as 44.630139, conversion from 44° 37' 48.5" through calculation $44 + 37 / 60 + 48.5 / 3600$)

3. LIST OF CONTACT PERSONS AND RESPONSIBILITIES

Responsibilities	Institution, contact person, email-address
General	
Responsible for the organisation of surface water body sampling	
Field work	
Responsible for field work (biological and chemical sampling, hydro-morphological site description)	
Responsible for access to sampling site	
Responsible for functional check of sampling equipment	
Responsible for calibration of on-site measuring equipment	
Chemical analysis	
Overall responsible for the chemical analyses in the laboratory, including reporting and data delivery	
Responsible for sample transport from the field to the laboratory	
Analysing laboratory and contact person	
Biological analysis	
Overall responsible for the biological analysis in the lab, including reporting and data delivery	
Reporting	
Overall responsible for completing the technical report including data annexes and metadata templates	

4. CHECKLIST OF MATERIAL FOR THE FIELD WORK

Unit	Item	Specification
Transport		
	Motor vehicle	
	Entry permission, keys	
General / Logistics		
	Clean Coolers / Clean thermal boxes with cooling elements	
	Self-adhesive sample labels	
	Sampling field data sheets	
	Handover protocol with laboratory	
	Spare batteries for on-site measuring equipment	
	Digital camera and storage card for documenting the status and the surrounding of the monitoring site.	
	Distance meter, measuring tape	
	GPS	
	waders	
	gloves	
	Safety kit, personal protective equipment	
Field measurements		
	Thermometer	
	Conductometer	
	pH meter	
	Oximeter	
	Jug or bucket	
	Set of calibration / standard solution	
Site description and biological sampling		
	Surface water sampling – field protocols	
	Hymo protocols	
	MHS protocols	
	PHB protocols	
Biological sampling MHS		
	MHS net	25x25cm, mesh 0.5mm
	Set of tools for sampling (brush, screwdriver, spoon)	
	White tray	
	Forceps	
	Magnifying glass	
	Lock-lid sampling vessels	0.125 – 5 L
	Storage boxes	
	Ethanol 96% (or 37% formaldehyde)	