

Annex 6: Data analysis plan, Water Sampling During Area Based Assessment of Raqqa City, February 2019

Raqqa ABA Round IV - Water Sampling Questionnaire, Households								
Question group	Indicator #	Indicator	Question	Options	Question type	Hint	Constraints	Relevancy
1. Basic information	1.1b	Enumerator name/code	Record the code of enumerator	text	Text			
	1.1b	Sample number	Record the numbers you have written on the two samples	text	Text			
	1.2	Community name	Record the name of the neighbourhood	neighbourhood list	Select one			
	1.3	Date of sample	Record the date of the sample	date	Date			
2. Questions for the household	2.1	Water treated before consumption	Do you treat your drinking water at home before consumption?	Yes; No	Select one			
	2.2	Water treatment type	How do you treat the water at home?	Boiling; filtration; reverse osmosi ; Water purification tablets; Other (specify)	Select one			If 'yes' to 2.1
	2.3	Source of water	What is the source of water the house is currently using	City water network; NGO water trucking ; Mixed city water network and	Select one	This should be the same water the sample is taken from		

			for consumption?	NGO water trucking; Other (specify)				
	2.4	Water trucker contact information	Can you provide us the telephone number of the water trucker?	Yes; No	Select one			If 'Water trucking' or 'mixed city water network and NGO water trucking' selected in 2.3
	2.5		What is their telephone number?	Integer	Integer			If selected 'yes' in 2.4
3. Observation and sampling	Water sampling and observation exercise							
	3.1	FRC test	Test the Free Residual Chlorine (FRC) at the house hold tap (where they take the water for drinking)	Acknowledge	Acknowledge	Conduct the Free Chlorine Residual (FRC) test and the pH test		
	3.2	Chlorination level	Please enter the result of the FRC test	Decimal	Decimal	Conduct the Free Chlorine Residual (FRC) test and the pH test		
	3.3	pH level	Please enter the result of the pH test	Decimal	Decimal	Conduct the Free Chlorine Residual (FRC) test and the pH test		

	3.4	Water sample	Collect a sample of the water that the household is using for drinking	Acknowledge	Acknowledge	Collect two water samples from the drinking water source with the sample bag		
	3.5	Water storage lid	Is the water tank covered with a lid?	Yes; No	Select one	Please ask the respondent to take you to the water tank and make observations		
	3.6	Water storage suspended materials	Are there suspended materials present at the surface of the water in the tank?	Yes; no	Select one			
	3.7	Water storage algae	Are there algae (green colours) present in the internal sides of the water tank?	Yes; no	Select one			

Raqqa ABA Round IV - Water Sampling Questionnaire, Water Filling Point								
Question group	Indicator #	Indicator	Question	Options	Question type	Hint	Constraints	Relevancy
1. Basic information	1.1	Enumerator name/code	Record the name/code of enumerator	Text	Text			
	1.2	Interview type	Type of interview	Phone call with water trucker; on-site water filling point	Select one			
	1.3	Date of sample	Record the date of the interview	Date	Select date			
	1.4	Location of interview	What is the location of the interview	Neighbourhood list	Select one			
2. Questions for the water trucker	2.1	Water chlorinated	Do you know if the water you sell is treated/chlorinated?	Yes; no	Select one			
	2.2	Source of water	What is the source of water you use to fill the water tanker?	City water station; Borehole or well; Spring; River; Other natural source; Other	Select one			
	2.3	Water treatment	How is the water treated?	At the water station; by an NGO; Other (specify)	Select one			If selected 'yes' in 2.1
	2.4	Name of water source	What is the name of the water source location you are using?	Text	Text	If interviewing water trucker at water filling point, please put name of		

						current location		
	2.5	Tanker coating material	What is the type of tanker coating material?	Aluminum coating; Epoxy coated; Iron; other (specify)	Select one			
3. Water filling point	3.1	FRC test	Test the Free Residual Chlorine (FRC) at the water outlet of the water truck (any open lid or outlet where the water comes out)	Acknowledge	Acknowledge			If selected 'on-site water filling point' at 1.2
	3.2	FRC result	Please enter the result of the FRC test	Decimal	Decimal	Please take two water samples from the outlet of the water truck		If selected 'on-site water filling point' at 1.3
	3.3	pH result	Please enter the result of the pH test	Decimal	Decimal			If selected 'on-site water filling point' at 1.4
	3.4		Record the number you have written on the sample	Integer	Integer			If selected 'on-site water filling point' at 1.5
	3.5	Water tanker covered with lid	Is the water tank covered with a lid?	Yes; no	Select one	Please observe the water outlet of the truck		If selected 'on-site water filling point' at 1.6
	3.6	Presence of rust in water tank	Is there presence of rust in the water tanker?	Yes; no; Not possible	Select one	Please observe inside the		If selected 'on-site water filling point' at 1.7

						water tank if possible	
	3.7	Presence of green algae in water tank	Is there an algae (green) presence in the internal sides of the water tanker?	Yes; no; Not possible	Select one	Please observe inside the water tank if possible	If selected 'on-site water filling point' at 1.8