

Form 7 - Water Quality Testing (Physiochemical parameters) (v. 1.0)

Question

Response

Water point information

1. Name of water point _____
2. Location of the water point _____
3. Type of water point _____

Protected spring _____
Shallow well _____
Deep borehole _____
Public Tapstand _____
Kiosk _____
Rain water harvesting tank _____

Only answer if you responded Public Tapstand|Kiosk to Q3

4. Name of the scheme connected to the _____
Kicwamba GFS _____
Rwaihamba Scheme _____
Kasenda Scheme _____
Bukuku GFS _____
Mugusu GFS _____
Mugusu NWSC _____
NWSC- Fort Portal town _____
Nyakiriba GFS _____
Rweitera Scheme _____
Nyakitokoli GFS _____
Buhikira GFS _____
Bitabu GFS _____
5. Photograph of the water point _____
6. DWD Number _____

Sanitary inspection

Only answer if you responded Deep borehole to Q3

7. Is there a latrine within 10 metres of the _____

Only answer if you responded Deep borehole to Q3

8. Is there a latrine or other source of fecal
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

9. Is there any source of other contamination
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

10. Is the drainage faulty allowing ponding within
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

11. Is the drainage channel cracked, broken, or
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

12. Is the wall or fence around the pump
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

13. Is the apron less than 2 m in radius?
Yes _____
No _____

Only answer if you responded Deep borehole to Q3

14. Does spilt water collect in the apron area?

Yes_____

No_____

Only answer if you responded Deep borehole to Q3

15. Is the apron or pump cover cracked or

Yes_____

No_____

Only answer if you responded Deep borehole to Q3

16. Is the handpump loose at the point of

Yes_____

No_____

Only answer if you responded Shallow well to Q3

17. Is there a latrine within 10m of the well?

Yes_____

No_____

Only answer if you responded Shallow well to Q3

18. Is the nearest latrine uphill of the well?

Yes_____

No_____

Only answer if you responded Shallow well to Q3

19. Is there any other source of pollution within

Yes_____

No_____

Only answer if you responded Shallow well to Q3

20. Is the drainage faulty allowing ponding within

Yes_____

No_____

Only answer if you responded Shallow well to Q3

21. Is the drainage channel cracked, broken or

Yes_____

No_____

Only answer if you responded Shallow well to Q3

22. Is the drainage channel cracked, broken or

Yes_____

No_____

Only answer if you responded Shallow well to Q3

23. Is the fence missing or faulty?

Yes_____

No_____

Only answer if you responded Shallow well to Q3

24. Is the cement less than 1m in radius around

Yes_____

No_____

Only answer if you responded Shallow well to Q3

25. Does spilt water collect in the apron area?

Yes_____

No_____

Only answer if you responded Shallow well to Q3

26. Are there cracks in the cement floor?

Yes_____

No_____

Only answer if you responded Shallow well to Q3

27. Is the handpump loose at the point of

Yes_____

No_____

Only answer if you responded Shallow well to Q3

28. Is the well-cover in sanity state?

Yes_____

No_____

Only answer if you responded Protected spring to Q3

29. Is the collection or spring box absent or
Yes _____
No _____

Only answer if you responded Protected spring to Q3

30. Is the masonry or backfill area protecting the
Yes _____
No _____

Only answer if you responded Protected spring to Q3

31. If there is a spring box, is there an unsanitary
Yes _____
No _____

Only answer if you responded Protected spring to Q3

32. Does the spring box contain contaminating
Yes _____
No _____

Only answer if you responded Protected spring to Q3

33. Is there an air vent in the masonry and is it
Yes _____
No _____

Only answer if you responded Protected spring to Q3

34. Is there an overflow pipe, is it unsanitary?
Yes _____
No _____

Only answer if you responded Protected spring to Q3

35. Is the fence around the spring inadequate?
Yes _____
No _____

Only answer if you responded Protected spring to Q3

36. Can animals have access within 10 meters of
Yes _____
No _____

Only answer if you responded Protected spring to Q3

37. Is the storm water diversion ditch above the
Yes _____
No _____

Only answer if you responded Protected spring to Q3

38. Are there any other sources of pollution uphill
Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

39. Do any taps leak?
Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

40. Does surface water collect around the
Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

41. Is the area uphill of the tapstand/kiosk
Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

42. Are pipes exposed close to the tapstand?
Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

43. Is human excreta on the ground within 10

Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

44. Is there a sewer within 30 meters of the

Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

45. ASK : Has there been discontinuity in the last

Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

46. Are there any signs of leaks in the main

Yes _____
No _____
Unknown / Can't tell _____

Only answer if you responded Public Tapstand|Kiosk to Q3

47. ASK: Do the community report any pipe

Yes _____
No _____

Only answer if you responded Public Tapstand|Kiosk to Q3

48. Is the main pipe exposed anywhere in the

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

49. Is rainwater collected in an open container?

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

50. Are there visible signs of contamination on

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

51. Is guttering that collects water dirty or

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

52. Are the top or walls of the tank cracked or

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

53. Is the tap leaking or damaged?

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

54. Is the concrete floor under the tap defective

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

55. Is there any source of pollution around the

Yes _____
No _____

Only answer if you responded Rain water harvesting tank to Q3

56. Is the tank clean inside?

Yes _____
No _____

Photometer MD610 (7 parameters)

57. Phosphate (1-80 mg/l PO4)

- 58. Iron (0.02-1 mg/l Fe 2+/3+) _____
- 59. Sulfate Turbidity (5-100 mg/l SO4) _____
- 60. Chloride (0.5-25 mg/l Cl) _____
- 61. pH (6.5-8.4) _____
- 62. Nitrate (1-30 mg/l NO3) _____
- 63. Fluoride (0.05-2 mg/l F) _____

SD70 Sensor (Electrical Conductivity)

- 64. Electrical Conductivity (0-20.000 uS/cm) _____
- 65. Temperature (Degrees Celsius) _____

DelAgua Turbidity Tube (Turbidity)

- 66. Turbidity (5-2000 NTU) _____

Optional: Hach Test strip (Arsenic)

- 67. Arsenic (0-500 ug/l) - Instructions + submitting _____
- 68. Arsenic (0-500 ug/l) - Fill in manually the _____

Form 7 - Water Quality Testing (Physiochemical parameters) (v.

#	Group Title	Repeatable	# in form	Question # in form	Text	Question Variable	Question
1	Water point information		1	1	Name of water point		Free Text
			2	2	Location of the water point		Cascade
			3	3	Type of water point		Option
			4	4	Name of the scheme connected		Option
			5	5	Photograph of the water point		Photo
			6	6	DWD Numl If you don't know, write		Number
2	Sanitary inspection		1	7	Is there a latrine close to group		Free Text
			2	8	Is there a latrine or other source		Option
			3	9	Is there an e.g. animal breeding, c		Option
			4	10	Is the drain		Option
			5	11	Is the drainage channel cracked		Option
			6	12	Is the wall or fence around the p		Option
			7	13	Is the aprc The apron (also knowr		Option
			8	14	Does spilt water collect in the aj		Option
			9	15	Is the apron or pump cover crac		Option
			10	16	Is the handpump loose at the po		Option
			11	17	Is there a latrine within 10m of l		Option
			12	18	Is the nearest latrine uphill of th		Option
			13	19	Is there an e.g. animal breeding, c		Option
			14	20	Is the drainage faulty allowing p		Option
			15	21	Is the drainage channel cracked		Option
			16	22	Is the drainage channel cracked		Option
			17	23	Is the fence missing or faulty?		Option
			18	24	Is the cement less than 1m in ra		Option
			19	25	Does spilt water collect in the aj		Option
			20	26	Are there cracks in the cement		Option
			21	27	Is the handpump loose at the po		Option
			22	28	Is the well-cover in sanity state?		Option
			23	29	Is the collection or spring box al		Option
			24	30	Is the masonry or backfill area p		Option
			25	31	If there is a spring box, is there		Option
			26	32	Does the spring box contain cor		Option
			27	33	Is there an air vent in the mason		Option
			28	34	Is there an overflow pipe, is it u		Option
			29	35	Is the fence around the spring i		Option
			30	36	Can animals have access withir		Option
			31	37	Is the storm water diversion ditc		Option
			32	38	Are there e.g. solid waste, fertiliz		Option
			33	39	Do any taps leak?		Option
			34	40	Does surface water collect arou		Option
			35	41	Is the area Hint: look where the di		Option
			36	42	Are pipes exposed close to the f		Option
			37	43	Is human excreta on the ground		Option
			38	44	Is there a sewer within 30 meter		Option
			39	45	ASK : Has Has the water been of		Option
			40	46	Are there any signs of leaks in t		Option
			41	47	ASK: Do the community report a		Option
			42	48	Is the main pipe exposed anywh		Option
			43	49	Is rainwater collected in an ope		Option
			44	50	Are there e.g. plants, excreta, di		Option
			45	51	Is guttering that collects water d		Option
			46	52	Are the top or walls of the tank c		Option
			47	53	Is the tap leaking or damaged?		Option
			48	54	Is the concrete floor under the t		Option
			49	55	Is there any source of pollution :		Option

		50	56	Is the tank clean inside?	Option
3	Photometer MD610 (7 parameters)	1	57	Phosphate (1-80 mg/l PO4)	Caddisfly
		2	58	Iron (0.02-1 mg/l Fe 2+/3+)	Caddisfly
		3	59	Sulfate Turbidity (5-100 mg/l SO4)	Caddisfly
		4	60	Chloride (0.5-25 mg/l Cl)	Caddisfly
		5	61	pH (6.5-8.4)	Caddisfly
		6	62	Nitrate (1-30 mg/l NO3)	Caddisfly
		7	63	Fluoride (0.05-2 mg/l F)	Caddisfly
4	SD70 Sensor	1	64	Electrical Conductivity (0-20.000)	Caddisfly
5	DeI Agua	2	65	Temperature	Number
6	Optional: Hach	1	66	Turbidity (5-2000 NTU)	Caddisfly
		2	67	Arsenic (0)	Caddisfly
			68	Arsenic (0)	Number

Yes

Yes

Type of wa Rain water harvesting tank

Yes

Yes

Yes

Yes

0

0

Yes|No

50

400

rea Caddisfly Barcode
 Areas Resource Multiple Disable

Yes

853d210d-647d-4482-b57e-f24ff0422bd3
ac65e12d-632a-439d-b841-383b1b9b7026
4275391e-1498-4623-a068-e3f40dea8c29
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