

Table 1 Bacteriological water-quality results from various sampling sites (WHO guide value: 0 colony-forming-units/100 mL)

Town	Main water sources	Phase 1 Onset of emergency (October 10 to November 30 2005)				Phase 2 Emergency response (1 December 2005 to May 30 2006)			Phase 3 Post-emergency (1 June 2006 to January 2010)		
		Treatment and disinfection	Sampling Sites	Total # of tests	% not matching WHO guide value	Treatment and disinfection	Total # of tests	% not matching WHO guide value	Treatment and disinfection	Total # of tests	% not matching WHO guide value
Muzaffarabad	Surface water	Regular	Treatment plant exit	13	0	Regular	42	0	Regular	70	0
			Storage tank	7	11		19	0		20	0
			Distribution network	4	35		25	8		80	2
			Household container	16	60		88	25		150	9
			<b>Total samples for Muzaffarabad</b>	<b>40</b>	<b>30</b>		<b>174</b>	<b>14</b>		<b>320</b>	<b>5</b>
Bagh	Spring	Irregular	Treatment plant exit	3	100	Regular	30	0	Irregular	40	50
			Storage tank	4	100		13	0		20	60
			Distribution network	5	100		10	30		77	65
			Household container	14	100		59	39		143	70
			<b>Total samples for Bagh</b>	<b>26</b>	<b>100</b>		<b>112</b>	<b>23</b>		<b>280</b>	<b>65</b>
Rawalakot	Surface water	Irregular	Treatment plant exit	7	100	Regular	23	0	Irregular	30	50
			Storage tank	3	100		7	0		10	100
			Distribution network	4	100		16	19		40	100
			Household container	11	100		50	46		110	100
			<b>Total samples for Rawalakot</b>	<b>25</b>	<b>100</b>		<b>96</b>	<b>27</b>		<b>190</b>	<b>92</b>
Mansehra	Surface water	Irregular	Treatment plant exit	4	25	Regular	20	0	Irregular	37	46
			Storage tank	2	50		11	0		22	72
			Distribution network	6	92		20	10		33	81
			Household container	14	100		51	39		86	89
			<b>Total samples for Mansehra</b>	<b>26</b>	<b>81</b>		<b>102</b>	<b>22</b>		<b>178</b>	<b>77</b>
Battagram	Surface water	Irregular	Treatment plant exit	3	100	Regular	20	5	Irregular	20	77
			Storage tank	5	100		10	10		28	78
			Distribution network	5	100		19	26		25	83
			Household container	12	100		37	43		97	100
			<b>Total samples for Battagram</b>	<b>25</b>	<b>100</b>		<b>86</b>	<b>28</b>		<b>170</b>	<b>91</b>