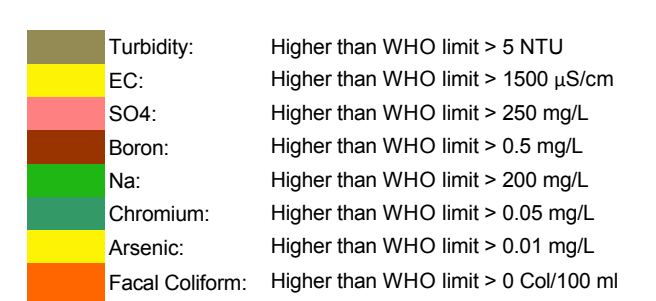


ANNEX4: UNHCR Public Water Point Physical, Chemical and Bacteriological Analysis Data



WS_ID	Prov_Name	District name	Village	LAT	Lon	Project	WP_Code	WP_Type	Year_Imps	Sam_date & Time	EC (µS/cm)	TDS (mg/L)	ORP (mV)	Turbidity (NTU)	pH	Tem (°C)	Total Alkalinity as (CaCO3) (mg/L)	Alkalinity P as (CaCO3) (mg/L)	Alkalinity M as (CaCO3) (mg/L)	HCO3 (mg/L)	CO3 (mg/L)	Cl (mg/L)	SO4 (mg/L)	SO3 (mg/L)	sulphide (mg/L)	F (mg/L)	NO3 (mg/L)	NO2 (mg/L)	PO4 (mg/L)	B (mg/L)	Br (mg/L)	Total Hardness as (CaCO3) (mg/L)	Ca Hardness as (CaCO3) (mg/L)	Na (mg/L)	K (mg/L)	Ca (mg/L)	Cr (mg/L)	Mg (mg/L)	NH4 (mg/L)	Mn (mg/L)	Cu (mg/L)	Al (mg/L)	Fe (mg/L)	As (mg/L)	SiO2 (mg/L)	Fecal Coliforms (Col/100 ml)	Analysis Date			
1	Balkh	Sholgara	Mohajer Qeshlaq	36.30700	66.82200	UNHCR-OVH		TW		16/11/2012	731	503	282	3.4	7.9	16	480	115	460	290	17.0	14.5	57.7	4	0	0.68	3.82	0.02	0.14	0.03	11.1	245	227	126	10	96	0.03	28	2.6	0	0.24	0	0.01	0	0	0.56	0	25/11/2012		
2	Bamyan	Center	New Abad Shashpol	34.82473	67.96048	UNHCR-Habitat		TW	2008	03/12/2012	16550	12762	240	43.7	6.2	16	5200	85	5400	51.7	23.0	50	170.0	0	0	0.05	2.6	0	0.16	2.3	2.75	50	84	233	420	336	0	65	7.3	0	1.25	0	0.21	0	0	0.20	0	04/12/2012		
3	Bamyan	Center	New Abad Shashpol	34.82361	67.95830	UNHCR/JPF-FBCC		TW	2011	03/12/2012	2000	1376	180	10.3	6.3	16	1100	50	1125	1025	100	36	150	5	0	0.75	0.56	0	0.04	2.3	1.15	235	139	320	24	55.6	0	55	0.75	0	0.44	0	0.02	0	0.22	0	0	0.41	0	04/12/2012
4	Bamyan	Center	Topchi	34.81652	67.94546	UNHCR-WOOU		TW	2008	03/12/2012	833	573	250	12.4	6.3	16	520	80	540	380	160	19	52	7	0	0.01	0.5	2.9	0.01	0.06	0.383	196	215	190	171	6.1	76	0	25	0.29	0	0.56	0	0	0.76	0	05/12/2012			
5	Bamyan	Center	Shashpol	34.82707	67.96396	UNHCR		Pipe Schem	2012	03/12/2012	938	645	260	0.23	7.5	15	520	60	520	400	120	6.3	45	5	0	0.57	5.1	0.01	0.1	0.283	2.15	170	170	147	6.7	68	0	24	0.03	0	0.28	0	0	0.80	0	04/12/2012				
6	Bamyan	Center	Shashpol	34.82819	67.96455	UNHCR		Pipe Schem	2012	03/12/2012	770	530	265	0.13	7.2	15	540	65	540	410	130	6.4	47	5	0	0.59	4.48	0.01	0.18	0.35	2.46	195	176	163	12.6	70.4	0	19	0.05	0	0.24	0	0	0.80	0	04/12/2012				
7	Bamyan	Center	Agrabad	34.93391	67.85435	UNHCR-CHF		TW	2010	08/12/2012	599	412	237	1.16	7.2	18	460	90	495	315	18	12	64	7	0	0.5	2.3	0.01	0.08	0.066	2.35	160	156	128	5.8	70.4	0.01	18	0.11	0	0.26	0	0	0.38	0	07/12/2012				
8	Bamyan	Center	Agrabad	34.95116	67.86143	UNHCR-ICRC		Pipe Schem	2009	08/12/2012	474	326	230	0.85	7.6	18	340	65	375	245	130	11	53	8	0	0.01	0.8	1.04	0	0.04	0.05	1.55	165	172	128	4.5	69.8	0	16	0.07	0	0.2	0.01	0	0.52	0	07/12/2012			
9	Bamyan	Center	Agrabad	34.93487	67.85454	UNHCR-ICRC		Pipe Schem	2009	08/12/2012	477	329	225	1.55	7.5	19	330	70	390	240	140	23.9	1	7	0	0.57	1.74	0	0.03	0.016	2.3	180	147	147	1.9	58.8	0	16	0.05	0	0.16	0.01	0	0.48	0	07/12/2012				
10	Bamyan	Center	Lala Khil	34.81209	67.87123	UNHCR-ICRC		Pipe Schem	2010	07/12/2012	518	356	219	0.63	7.2	14	400	80	385	225	160	7.2	1	7	0	0.03	0.49	1.06	0	0.71	0.366	2.55	155	172	110	5.2	68.8	0	14	0.11	0	0.22	0	0	0.58	0	08/12/2012			
11	Bamyan	Center	Petab -e- Laghman	34.82074	67.88248	UNHCR-WOOU		TW	2008	07/12/2012	2070	1424	280	0.86	6.3	16	1350	85	1500	1330	170	36	2	8	0	0.01	0.73	0.78	0	0.01	2.45	225	240	42	33.5	176	0	11	0.57	0.01	0.3	0.01	0.06	0	0	1.55	0	08/12/2012		
12	Bamyan	Center	Kakrak	34.80841	67.84881	UNHCR-ICRC		Pipe Schem	2010	07/12/2012	589	405	246	3.47	7	15	420	65	500	370	130	9.8	1	5	0	0.83	2.04	0.01	0.03	0.166	0.91	115	150	158	4.3	60	0.11	11	0.13	0	0.18	0	0	0.26	0	08/12/2012				
13	Farah	Center	Muhagereen	32.99003	62.17349	UNOPFS-HBBC		6 TW	2011	22/09/2012	1371	943	222	15.02	7	25	235	65	235	105	130	20	50	3	0	0.01	2.4	4.8	0	0.17	0.83	110	100	101	2.3	36	0	20	0.92	0	0.74	0.02	0.01	0	0.32	0	24/09/2012			
14	Farah	Center	Muhagereen	32.99590	62.17851	UNOPFS-DORR		5 TW	2008	22/09/2012	1484	1021	233	1.7	8	25	235	70	235	95	140	21.5	40.0	1	0	0.01	2.4	4.7	0	0.09	0.8	115	101	2.69	6.1	40.4	0	18	0.14	0	0.9	0.04	0.01	0	0.3	0	24/09/2012			
15	Farah	Center	Muhagereen	32.99825	62.18121	UNOPFS-DORR		4 TW	2008	22/09/2012	1382	627	233	1.73	8.1	26	235	35	215	145	70	21	340	1	0	0.01	2.6	6.96	0	0.16	3.8	105	79	218	4.1	31.6	0	18	0.09	0.02	0.5	0.02	0.01	0	0.3	0	24/09/2012			
16	Farah	Center	Muhagereen	32.99935	62.17911	UNOPFS-ECHO		2 TW	2007	22/09/2012	912	627	233	0.63	8	25	245	70	220	80	140	11	190	2	0	1.38	4.82	0	0.61	0.77	90	67	178	1.7	26.8	0.01	16	0.02	0	0.42	0.01	0	0.34	0	24/09/2012					
17	Faryab	Pashun Kot	Dahan Bikarsai	35.92288	65.03324	UNHCR-DHSA		TW	2012	18/10/2012	24100	16581	493	3.1	7.5	204	1050	35	1200	1130	70	40	4960	9	0	0.01	37.8	1.55	0.02	0.39	2600	1400	329	63	560	0.01	400	0.68	0.01	0.26	0	0.01	0	0.40	0	19/10/2012				
18	Faryab	Pashun Kot	Dahan Bikarsai	35.92214	65.06141	UNHCR-DHSA		TW	2012	18/10/2012	4380	3800	480	5.4	7.5	21	1100	20	1400	1360	40	40	1850	5	0	0.01	4.3	17.4	0.01	0.02	0.25	0.36	1350	700	357	25	280	0.01	144	0.48	0	0.08	0	0	0.36	0	19/10/2012			
19	Faryab	Dawlatabad	Chaghatak	36.42087	64.90355	UNHCR-DHSA		TW	2012	18/10/2012	3280	2257	150	9.9	7.5	21	820	105	900	690	210	48	1000	3	0	0.3	6.54	0.11	0.05	0.26	0.94	640	220	536	14	88	0.02	100	4.25	0.01	0.2	0.01	0.06	0	0.68	0	20/10/2012			
20	Faryab	Posh	Bymaghli	36.11908	64.89983	UNHCR		TW	2010	16/10/2012	1500	1039	339	3.37	7.2	20	430	70	500	360	140	14.5	200	4	0	1.03	5	0	0.01	0.07	0.075	1.9	440	214	116	10	85.6	0.01	70	0.44	0	0.04	0	0.04	0	1.4	0	20/10/2012		
21	Faryab	Posh	Bymaghli	36.12722	64.86104	UNHCR		2 TW	2010	16/10/2012	1527	1092	325	1.68	7.1	22	640	20	730	690	40	19	280	1	0	1.33	4.18	0.13	0.16	0.083	1.12	380	231	217	7.7	92	0.01	60	0.48	0	0.36	0	0.03	0	0.54	0	17/10/2012			
22	Faryab	Posh	Bymaghli	36.11103	64.86126	UNHCR		1 TW	2010	16/10/2012	1528	1050	382	1.16	7.2	22	640	20	670	630	40	16.5	282	5	0	1.11	4.66	0.01	0.16	0.232	1.9	380	201	222	9.5	80	0.01	55	0.65	0	0.26	0	0.01	0	0.76	0	17/10/2012			
23	Faryab	Posh	Bymaghli	36.11444	64.85150	UNHCR		3 TW	2010	16/10/2012	1657	1140	549	1.89	7.1	22	860	70	800	660	140	24	340	5	0	0.01	1.18	1.22	0.01	0.01	0.083	2.5	400	185	347	7.1	74	0.01	55	0.62	0	0.22	0	0.03	0	0.48	0	16/10/2012		
24	Faryab	Posh	Bymaghli	36.11998	64.86674	UNHCR		4 TW	2010	16/10/2012	1662	1143	515	2.81	7.1	22	760	70	750	620	150	21.5	288	2	0	1.16	5.28	0.01	0.01	0.01	1.72	380	240	295	8.4	96	0.01	55	0.65	0	0.18	0	0.03	0	0.36	0	16/10/2012			
25	Kandahar	Qarabagh	Kochi Abad	34.42228	62.08880	UNHCR-UNHCR		TW	2007	30/09/2012	1696	1304	173	3.79	8	28	320	65	380	250	130	35	35	3	0	0.01	0.7	7.02	0	0.09	1.02	1.02	190	103	1103	5	41.2	0.03	23	0.07	0.28	0.01	0.02	0.28	0	01/10/2012				
26	Hirat	Enjil	Shagofan	34.41764	62.00075	UNOPFS-NSP		Pipe Schem	2006	30/09/2012	2000	1376	270	1.72	8.1	27	275	85	320	150	170	16.2	500	3	0	0.02	2.3	5.62	0																					