

U.A.F. Facilities Services
 Utilities Operations - Water Treatment
 Monthly "In-House" Water Analysis
 2013

Raw Water
 (Untreated - non potable)

Month	P - Alk mg/l	M - Alk mg/l	Hardness mg/l CaCO ₃	Silica mg/l	Iron mg/l	pH	Manganese mg/l	Conductivity µS	Geist Well No.
January	0	363	358	17.0	14.9	6.88	1.8	758	#1 30hp
February	0	340	328	28.0	11.5	6.97	1.1	673	#2 30hp
March	0	338	320	28.0	15.7	6.92	0.9	710	#2 30hp
April	0	338	330	17.0	14.8	6.88	1.6	750	#1 30hp
May	0	376	346	17.0	14.9	6.88	1.1	738	#1 30hp
June	0	365	325	16.0	15.1	6.92	1.8	752	#1 30hp
July	0	320	342	23.0	14.4	6.82	0.7	699	#1 30hp
August	0	350	338	21.0	16.6	7.00	0.9	694	#1 30hp
September	0	338	356	21.0	14.1	6.93	0.9	699	#1 30hp
October	0	340	328	25.0	09.3	6.98	0.8	658	#2 30hp
November	0	338	354	14.0	14.8	6.94	1.0	748	#1 30hp
December	0	344	342	21.0	14.4	6.97	1.7	730	#1 30hp
	0	346	339	20.7	14.2	6.92	1.2	717	
Averages	P - Alk	M - Alk	Hardness	Silica	Iron	pH	Manganese	Conductivity	

Domestic Water
 (Finished - potable)

Month	P - Alk mg/l	M - Alk mg/l	Hardness mg/l CaCO ₃	Silica mg/l	Iron mg/l	pH	Manganese mg/l	Conductivity µS	Polyphosphate mg/l	Chlorine mg/l
January	0	312	342	20.0	0.025	7.61	0.115	714	0.89	0.15
February	0	292	336	19.0	0.066	7.66	0.109	696	1.10	0.15
March	0	274	330	22.0	0.037	7.60	0.056	693	1.66	0.26
April	0	294	336	19.0	0.013	7.55	0.160	717	1.53	0.02
May	0	298	338	21.0	0.039	7.51	0.166	709	1.60	0.04
June	0	295	335	21.0	0.052	7.48	0.299	732	1.34	0.18
July	0	306	334	22.0	0.026	7.46	0.314	686	1.74	0.01
August	0	278	326	20.0	0.021	7.64	0.092	662	0.91	0.31
September	0	290	332	21.0	0.025	7.62	0.100	680	1.64	0.11
October	0	296	322	21.0	0.053	7.63	0.083	655	0.56	0.18
November	0	280	340	23.0	0.055	7.62	0.183	717	0.94	0.26
December	0	296	336	19.0	0.035	7.60	0.062	714	2.18	0.36
Averages	0.0	293	334	20.7	0.037	7.58	0.145	698	1.34	0.17
	P - Alk	M - Alk	Hardness	Silica	Iron	pH	Manganese	Conductivity	Phosphate	Chlorine