

**جدول توضيحي لمواصفات المياه لحقول آبار
سيئون/ شبام / تريم / القطن**

CHARACTERISTIC	Water field of Seiyun	Water field of Shibam	Water field of Tarim	Water field of Qaten	UNIT	GUIDLINES
Temperature	25	25	25	25	C	25
Color	3 – 5	3 – 6	0 – 3	2 – 4	Unit	5 – 15
Turbidity	1– 4	3 – 7	2 – 8	1 – 3	F.A .U	1 – 15
P ^H . Value	7.97 – 7.72	7.31 – 7.82	6.93 – 7.85	7.11 – 7.21	-	5.5 – 9.0
Conductivity	713 – 802	1316 – 1392	850 – 915	1179 – 1235	Umos/cm	450 – 2500
Total Dissolved Solids	461 – 553	789 – 835	510 – 549	719 – 780	Mg/L	650 – 1500
Total Alkalinity	240 – 256	232 – 248	188 – 242	308 – 329	Mg/L	–
Total Hardness	328 – 354	468 – 480	320 – 373	440 – 456	Mg/L	100 – 500
Calcium Ca	65.5 - 96.4	102.4 – 107.6	56 – 81.2	100.8 – 107.2	Mg/L	75 – 200
Magnesium Mg	26.6 – 38.8	48 – 51.1	40.3 – 43.2	43.2 – 48.9	Mg/L	30 – 150
Potassium K	6.41 – 9.42	10.0 – 10.5	5.4 – 7.9	9.8 – 10.4	Mg/L	8 – 12
Chloride Cl	92 – 108	196 – 204	100 – 118	132 – 156	Mg/L	200 – 600
Sulphate SO ₄	115 – 155	225 – 235	160 – 175	185 – 205	Mg/L	200 – 600
Bicarbonate HCO ₃	292.8 – 312.3	283.04 – 232.5	229.3 – 295.2	375.7 – 397.7	Mg/L	150 – 500
Nitrate NO ₃	3.5 – 5.2	30.6 – 32.12	13.4 – 16.6	25.1 – 30.36	Mg/L	10 – 60
Nitrite NO ₂	0.001 – 0.035	0.021 – 0.023	0.011 – 0.013	0.008 – 0.021	Mg/L	2.0
Fluoride F	0.28 – 0.57	0.37 – 0.42	0.43 – 0.71	0.80 – 0.92	Mg/L	0.5 – 1.5
Manganese Mn	0.1– 0.2	0.1 – 0.2	0.1 – 0.3	0.0 - 0.1	Mg/L	0.1 – 0.2
Iron Fe	0.02 – 0.1	0.05 – 0.1	0.02 – 0.08	0.06 – 0.14	Mg/L	0.3 – 1.0
Total Coli Form	NIL	2.1 – 2.3	NIL	NIL	100mL/قولونية	3
Fecal Coli Form.E,Col	NIL	1.2 – 2.1	NIL	NIL	100mL/قولونية	NIL