

Table 4.—Major chemical-constituent analyses of water from selected supply wells, Post Headquarters area, 1985

[μ S/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligrams per liter; deg C, degrees Celsius]

Well number	Location	Date of sample	Specific conductance, lab (μS/cm)	pH, lab (standard units)	Nitrogen, NO ₂ +NO ₃ dissolved (mg/L as N)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium-sorption ratio	Percent sodium as K	Potassium, dissolved (mg/L as K)
SW-10A	22S.4E.24.212a	09-09-85	352	8.1	1.8	35	8.0	23	.9	29	1.9
SW-11	22S.4E.24.112	09-09-85	627	7.9	8.1	69	17	29	.8	20	2.7
SW-15A	22S.4E.24.144	09-09-85	359	8.2	.65	34	6.0	28	1	35	2.0
SW-16	22S.4E.13.432	09-09-85	458	8.2	4.1	48	11	26	.9	25	2.2
SW-19	22S.4E.12.414	09-09-85	378	8.2	1.3	41	8.0	23	.9	27	2.0
SW-22	22S.5E.19.141	09-09-85	362	8.2	.85	34	5.1	33	1	40	1.9

Well number	Date of sample	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO ₄)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO ₂)	Solids, sum of constituents, dissolved (mg/L)	Solids, residue at 180 deg C, dissolved (mg/L)	Hardness, noncarbonate (mg/L as CaCO ₃)	Alkalinity, lab (mg/L as CaCO ₃)
SW-10A	09-09-85	19	49	.30	44	230	235	35	86
SW-11	09-09-85	24	120	.40	44	380	425	119	124
SW-15A	09-09-85	8.5	42	.40	36	220	233	12	98
SW-16	09-09-85	27	56	.30	42	270	299	67	98
SW-19	09-09-85	11	34	.10	41	230	251	18	118
SW-22	09-09-85	11	52	.40	33	230	237	4	102