

EXHIBIT D

WATER QUALITY DATA

Raw Aqueduct (Imported)

Parameter	Units	Min	Average	Max
Sulfate	mg/l	74	180	237
Nitrate (as N)	mg/l	ND	0.17	3.7
Nitrite (as N)	mg/l	ND	0.011	0.228
Total Alkalinity (as CaCO ₃)	mg/l	90	121	140
Chloride	mg/l	60	88	100
Fluoride	mg/l	0.17	0.28	0.34
Perchlorate	mg/l	N/A	N/A	N/A
Arsenic	ug/l	2.0	2.0	3.0
Hexavalent chromium (Cr VI)	ug/l	0.06	0.06	0.06
Uranium	pCi/l	N/A	N/A	N/A
Calcium (as CaCO ₃)	mg/l	87.4	157	195
Magnesium (as CaCO ₃)	mg/l	57.7	92.3	112
Sodium	mg/l	52	84	97
Potassium	mg/l	ND	4.3	5.3
Iron	mg/l	ND	ND	0.04
Manganese	mg/l	ND	0.01	0.02
pH	mg/l	7.7	8.0	8.2
Total Dissolved Solids	mg/l	310	520	630
Total Organic Carbon	mg/l	1.1	1.4	4.5
Silica	mg/l	6.1	8.5	12
Bromide	mg/l	ND	0.04	0.13
Total Phosphate (as P)	mg/l	ND	0.03	0.08
Turbidity	NTU	0.28	0.60	1.5
PFAS	No Detections			

Sweetwater Reservoir

Parameter	Units	Min	Average	Max
Sulfate	mg/l	84	224	138
Nitrate (as N)	mg/l	ND	0.08	0.41
Nitrite (as N)	mg/l	ND	0.01	0.18
Total Alkalinity (as CaCO ₃)	mg/l	160	189	240
Chloride	mg/l	140	241	430
Fluoride	mg/l	0.22	0.3	0.45
Perchlorate	mg/l	ND	ND	ND
Arsenic	ug/l	1.0	2.0	5.0
Hexavalent chromium (Cr VI)	ug/l	0.24	0.24	0.24
Uranium	pCi/l	1.3	2.7	5.1
Calcium (as CaCO ₃)	mg/l	122	150	192
Magnesium (as CaCO ₃)	mg/l	128	186	262
Sodium	mg/l	90	148	230
Potassium	mg/l	4.7	6.7	9.2
Iron	mg/l	ND	0.24	0.76
Manganese	mg/l	0.02	0.15	0.37
pH	mg/l	7.8	8.3	8.7
Total Dissolved Solids	mg/l	510	777	1100
Total Organic Carbon	mg/l	8.8	12.0	21.0
Silica	mg/l	8.9	19	25
Bromide	mg/l	ND	1	0.58
Total Phosphate (as P)	mg/l	0.03	0.13	0.46
Turbidity	NTU	1.27	7.4	16
Perfluorooctanoic acid (PFOA)	ng/l	12.8	12.9	13.0
Perfluorooctanesulfonic acid (PFOS)	ng/l	17.9	18.4	18.9
Perfluorohexanesulfonic acid (PFHxS)	ng/l	11.2	11.9	12.6
Perfluorononanoic acid (PFNA)	ng/l	3.2	3.3	3.3
Perfluorobutanesulfonic acid (PFBS)	ng/l	10.1	10.4	10.6

Treated Water - Post Filtration (All Sources)

Parameter	Units	Min	Average	Max
Sulfate	mg/l	82	155	239
Nitrate (as N)	mg/l	ND	0.12	2.7
Nitrite (as N)	mg/l	ND	0.01	0.16
Total Alkalinity (as CaCO ₃)	mg/l	ND	0.12	0.27
Chloride	mg/l	73	145	210
Fluoride	mg/l	0.58	0.68	0.77
Perchlorate	mg/l	ND	ND	ND
Arsenate (As V)	ug/l	0.5	0.8	1.8
Hexavalent chromium (Cr VI)	ug/l	0.36	0.36	0.36
Uranium	pCi/l	N/A	N/A	N/A
Calcium (as CaCO ₃)	mg/l	35	61	75
Magnesium (as CaCO ₃)	mg/l	9.0	30	43
Sodium	mg/l	57	50	107
Potassium	mg/l	2.8	5.2	7.0
Iron	mg/l	ND	ND	ND
Manganese	mg/l	ND	0.01	0.04
pH	mg/l	7.9	8.2	8.6
Total Dissolved Solids	mg/l	310	601	760
Total Organic Carbon	mg/l	1.4	4.5	10.0
Silica	mg/l	2.8	12.20	23
Bromide	mg/l	ND	0.16	0.41
Total Phosphate (as P)	mg/l	ND	0.02	0.09
Turbidity	NTU	0.08	0.18	0.57

Treated Water PFAS Detections (While Treating 100% Sweetwater Reservoir)

PFAS Compound	Units	Min	Average	Max
Perfluorobutanesulfonic acid (PFBS)	ng/l	8.9	10.2	11.1
Perfluoroheptanoic acid (PFHpA)	ng/l	3.3	4.2	4.7
Perfluorohexanesulfonic acid (PFHxS)	ng/l	6.6	7.3	9.4
Perfluorohexanoic acid (PFHxA)	ng/l	6.0	7.6	9.2
Perfluorooctanesulfonic acid (PFOS)	ng/l	3.0	4.5	5.7
Perfluorooctanoic acid (PFOA)	ng/l	7.9	9.2	11.4
Perfluorobutanoic acid (PFBA)	ng/l	10.5	12.5	16.2
Perfluoropentanoic acid (PFPeA)	ng/l	5.3	6.8	7.7