

SFPUC's List of Raw Water Monitoring Analytes in 2024

Item No.	Raw Water Analytes
1	1,1,1-Trichloroethane
2	1,1,2,2-Tetrachloroethane
3	1,1,2-Trichloro-1,2,2-Trifluoroethane
4	1,1,2-Trichloroethane
5	1,1-Dichloroethane
6	1,1-Dichloroethylene
7	1,2,4-Trichlorobenzene
8	1,2-Dichlorobenzene
9	1,2-Dichloroethane
10	1,2-Dichloropropane
11	1,3-Dichloropropene
12	1,4-Dichlorobenzene
13	2,4,6-Trichloroanisole
14	Acanthoceras
15	Actinastrum
16	Actinocoma
17	Algal Biomass
18	Algal Toxins
19	Alkalinity
20	Alkalinity, CO ₃ ²⁻
21	Alkalinity, HCO ₃ ⁻
22	Alkalinity, OH ⁻
23	Alkalinity, Phenolphthalein
24	Aluminum
25	Amphipleura
26	Anabaena
27	Anacystis
28	Anatoxin- <i>a</i>
29	Ankistrodesmus
30	Antimony
31	Aphanizomenon
32	Aphanocapsa
33	Aphanothece
34	Arsenic
35	Arthrodesmus
36	Asterionella
37	Attheya
38	Aulacoseria
39	Bacillaria
40	Barium
41	Benzene
42	Beryllium
43	Boron
44	Botryococcus
45	Bromide
46	Cadmium
47	Calcium
48	Carbon Tetrachloride
49	Ceratium
50	Chlamydomonas
51	Chlorate, ClO ₃ ⁻
52	Chlorella
53	Chloride
54	Chlorobenzene
55	Chlorococcum

Item No.	Raw Water Analytes
78	Cryptomonas
79	<i>Cryptosporidium 1</i> - Empty
80	<i>Cryptosporidium 2</i> - Amorphous
81	<i>Cryptosporidium 3</i> - With internal structure
82	<i>Cryptosporidium 4</i> - Total
83	Cyclotella
84	Cylindrospermopsin
85	Cymbella
86	Daphnia
87	Decapod
88	Desmidium
89	Diatoma
90	Dictyosphaerium
91	Dinobryon
92	Dissolved Organic Carbon
93	Dissolved oxygen
94	Dolichospermum
95	Elakatothrix
96	Epithemia
97	<i>Escherichia coli</i>
98	Ethylbenzene
99	Eudorina
100	Euglena
101	Fecal Coliform
102	Filamentous blue-green algae
103	Filamentous green algae
104	Fluoride
105	Fragilaria
106	Geosmin
107	<i>Giardia 1</i> - Empty
108	<i>Giardia 2</i> - Amorphous
109	<i>Giardia 3</i> - With 1 Internal Structure
110	<i>Giardia 4</i> - With >1 Internal Structure
111	<i>Giardia 5</i> - Total
112	Glenodinium
113	Gleocapsa
114	Gleothece
115	Gloeocystis
116	Gloeotrichia
117	Gomphosphaeria
118	Gross Alpha particles
119	Gymnodinium
120	Gyrosigma
121	Hardness, Calcium, as CaCO ₃
122	Hardness, Total, as CaCO ₃
123	Heimansia
124	Heliozoan
125	Hyalotheca
126	Hydra
127	Iron
128	Kirchneriella
129	Lead
130	Leptolyngbya
131	Lithium
132	Lyngbya

Item No.	Raw Water Analytes
155	Nitrate as N
156	Nitrite as N
157	Nitzschia
158	Odor
159	Oedogonium
160	Oocystis
161	Oscillatoria / Planktothrix
162	Ostracoda
163	o-Xylene
164	Pandorina
165	Paramecium
166	Pediastrum
167	Pennate Diatom
168	Perchlorate, ClO ₄ ⁻
169	Peridinium
170	pH
171	Phosphate, Ortho
172	Pinnularia
173	Plankton Count
174	Pleurosira
175	Potassium
176	Protozoan
177	Rotifera
178	Saxitoxin
179	Scenedesmus
180	Secchi
181	Selenium
182	Silica
183	Silver
184	Snowella
185	Sodium
186	Specific Conductance
187	Sphaerocystis
188	Spinocosmarium
189	Spirogyra
190	Spirulina
191	Spondylosium
192	Staurastrum
193	Stenopterobia
194	Stephanodiscus
195	Stigleodonium
196	Strontium
197	Styrene
198	Sulfate
199	Surirella
200	Synedra
201	Synura
202	Tabellaria
203	Temperature
204	Tetrachloroethylene
205	Thallium
206	Toluene
207	Total Coliform
208	Total Dissolved Solids
209	Total Microcystins

SFPUC's List of Raw Water Monitoring Analytes in 2024

Item No.	Raw Water Analytes
56	Chlorophyll α
57	Chromium, Hexavalent
58	Chromium, Total
59	Chrysosphaerella
60	cis-1,2-Dichloroethylene
61	cis-1,3-Dichloropropene
62	Cladocera
63	Cladophora
64	Closteridium
65	Closterium
66	Coccoid blue-green algae
67	Coccoid green algae
68	Cocconeis
69	Coelastrum
70	Coelosphaerium
71	Color
72	Copepoda
73	Copper
74	Cosmarium
75	Cosmocladium
76	Crustacea_larvae
77	Crustaceans

Item No.	Raw Water Analytes
133	m,p-Xylene
134	Magnesium
135	Mallomonas
136	Manganese
137	Mercury
138	Meridion
139	Merismopedia
140	Methylene Blue Active Substance (Foaming Agent)
141	Methylene Chloride
142	Methylisoborneol
143	Methyl-tert-butyl Ether
144	Micractinium
145	Micrasterias
146	Microcystis
147	Microspora
148	Mougeotia
149	Nanoplankton
150	Nauplius
151	Navicula
152	Naviculoid Diatom
153	Nematode
154	Nickel

Item No.	Raw Water Analytes
210	Total Organic Carbon
211	Total phosphate
212	trans-1,2-Dichloroethylene
213	trans-1,3-Dichloropropene
214	Treubaria
215	Tribonema
216	Trichloroethylene
217	Trichlorofluoromethane
218	Turbidity
219	Ulothrix
220	Uranium
221	UV254
222	Veliger
223	Vinyl Chloride
224	Volvox
225	Woronichinia
226	Xanthidium
227	Xylene
228	Zinc
229	zooplankton Eggs
230	Zygnema

SFPUC's List of Treated Water Monitoring Analytes in 2024

Item No.	Treated Water Analytes
1	1,1,1-Trichloroethane
2	1,1,2,2-Tetrachloroethane
3	1,1,2-Trichloro-1,2,2-Trifluoroethane
4	1,1,2-Trichloroethane
5	1,1-Dichloroethane
6	1,1-Dichloroethylene
7	1,2,4-Trichlorobenzene
8	1,2-Dichlorobenzene
9	1,2-Dichloroethane
10	1,2-Dichloropropane
11	1,3-Dichloropropene (Total)
12	1,4-Dichlorobenzene
13	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
14	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)
15	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)
16	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)
17	2,4,6-Trichloroanisole
18	4,8-Dioxa-3H-perfluorononanoic acid
19	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid
20	Alkalinity
21	Alkalinity, CO ₃ ²⁻
22	Alkalinity, HCO ₃ ⁻
23	Alkalinity, OH ⁻
24	Alkalinity, Phenolphthalein
25	Aluminum
26	Ammonia as N, Total
27	Anatoxin-α
28	Antimony
29	Arsenic
30	Barium
31	Benzene
32	Beryllium
33	Boron
34	Bromate, BrO ₃ ⁻
35	Bromide
36	Bromodichloromethane
37	Bromoform
38	Cadmium

Item No.	Treated Water Analytes
76	Heterotrophic plate count, PCA media
77	Hexafluoropropylene oxide dimer acid (HFPO-DA)
78	Iron
79	Lead
80	Lithium
81	m,p-Xylene
82	Magnesium
83	Manganese
84	Mercury
85	Methyl-tert-butyl Ether
86	Methylene Blue Active Substance (Foaming Agent)
87	Methylene Chloride
88	Methylisoborneol
89	Monobromoacetic Acid
90	Monochloroacetic Acid
91	N-ethyl perfluorooctanesulfonamidoacetic acid
92	Nickel
93	Nitrate as N
94	Nitrite as N
95	N-methyl perfluorooctanesulfonamidoacetic acid
96	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
97	Odor
98	o-Xylene
99	Perchlorate, ClO ₄ ⁻
100	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)
101	Perfluoro-3-methoxypropanoic acid (PFMPA)
102	Perfluoro-4-methoxybutanoic acid (PFMBA)
103	Perfluorobutanesulfonic acid (PFBS)
104	Perfluorobutanoic acid (PFBA)
105	Perfluorodecanoic acid (PFDA)
106	Perfluorododecanoic acid (PFDoA)
107	Perfluoroheptanesulfonic acid (PFHpS)
108	Perfluoroheptanoic acid (PFHpA)
109	Perfluorohexanesulfonic acid (PFHxS)
110	Perfluorohexanoic acid (PFHxA)
111	Perfluorononanoic acid (PFNA)
112	Perfluorooctanesulfonic acid (PFOS)
113	Perfluorooctanoic acid (PFOA)

SFPUC's List of Treated Water Monitoring Analytes in 2024

Item No.	Treated Water Analytes
39	Calcium
40	Carbon Tetrachloride
41	Chlorate, ClO_3^-
42	Chloride
43	Chlorite, ClO_2^-
44	Chlorobenzene
45	Chloroform
46	Chromium, Hexavalent
47	Chromium, Total
48	cis-1,2-Dichloroethylene
49	cis-1,3-Dichloropropene
50	Chlorine Residual, Free
51	Chlorine Residual, Total
52	Color
53	Copper
54	<i>Cryptosporidium</i> - Empty
55	<i>Cryptosporidium</i> - Amorphous
56	<i>Cryptosporidium</i> - With Internal Structure
57	<i>Cryptosporidium</i> - Total
58	Cylindrospermopsin
59	Dibromoacetic Acid
60	Dibromochloromethane
61	Dichloroacetic Acid
62	Dissolved Organic Carbon
63	<i>Escherichia coli</i>
64	Ethylbenzene
65	Fluoride
66	Ammonia as N, Free
67	Geosmin
68	<i>Giardia</i> - Empty
69	<i>Giardia</i> - Amorphous
70	<i>Giardia</i> - With 1 Internal Structure
71	<i>Giardia</i> - With >1 Internal Structure
72	<i>Giardia</i> - Total
73	Five Haloacetic Acids (HAA Total)
74	Hardness, Calcium, as CaCO_3
75	Hardness, Total, as CaCO_3

Item No.	Treated Water Analytes
114	Perfluoropentanesulfonic acid (PFPeS)
115	Perfluoropentanoic acid (PFPeA)
116	Perfluorotetradecanoic acid (PFTA)
117	Perfluorotridecanoic acid (PFTrDA)
118	Perfluoroundecanoic acid (PFUnA)
119	pH
120	Phosphate, Ortho
121	Potassium
122	Saxitoxin
123	Selenium
124	Silica
125	Silver
126	Sodium
127	Specific Conductance
128	Styrene
129	Sulfate
130	Temperature
131	Tetrachloroethylene
132	Thallium
133	Thiobencarb
134	Toluene
135	Total Coliform
136	Total Dissolved Solids
137	Total Microcystins
138	Total Organic Carbon
139	trans-1,2-Dichloroethylene
140	trans-1,3-Dichloropropene
141	Trichloroacetic Acid
142	Trichloroethylene
143	Trichlorofluoromethane
144	Total Trihalomethanes (THM Total)
145	Turbidity
146	UV254
147	Vinyl Chloride
148	Xylene
149	Zinc

2024 San Francisco Public Utilities Commission (SFPUC) - Water Quality Monitoring Data for Treated Water

No.	PARAMETERS ⁽¹⁾	Unit	Alameda East		SVWTP Effluent		HTWTP Effluent		CS2 Baden ⁽²⁾		Sunset Reservoir Outlets ⁽³⁾		Distribution System ⁽⁴⁾		Transmission System ^{(5), (7)}	
			Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average
Volatile Organic Chemicals (VOCs)																
1	1,1,1-Trichloroethane	ppb	ND	ND	ND	ND	ND	ND								
2	1,1,2,2-Tetrachloroethane	ppb	ND	ND	ND	ND	ND	ND								
3	1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb	ND	ND	ND	ND	ND	ND								
4	1,1,2-Trichloroethane	ppb	ND	ND	ND	ND	ND	ND								
5	1,1-Dichloroethane	ppb	ND	ND	ND	ND	ND	ND								
6	1,1-Dichloroethylene	ppb	ND	ND	ND	ND	ND	ND								
7	1,2,4-Trichlorobenzene	ppb	ND	ND	ND	ND	ND	ND								
8	1,2-Dichlorobenzene	ppb	ND	ND	ND	ND	ND	ND								
9	1,2-Dichloroethane	ppb	ND	ND	ND	ND	ND	ND								
10	1,2-Dichloropropane	ppb	ND	ND	ND	ND	ND	ND								
11	1,3-Dichloropropene (Total)	ppb	ND	ND	ND	ND	ND	ND								
12	1,4-Dichlorobenzene	ppb	ND	ND	ND	ND	ND	ND								
13	Benzene	ppb	ND	ND	ND	ND	ND	ND								
14	Carbon Tetrachloride	ppb	ND	ND	ND	ND	ND	ND			ND	ND				
15	Monochlorobenzene	ppb	ND	ND	ND	ND	ND	ND								
16	cis-1,2-Dichloroethylene	ppb	ND	ND	ND	ND	ND	ND								
17	Ethylbenzene	ppb	ND	ND	ND	ND	ND	ND								
18	Methyl Tert-Butyl Ether	ppb	ND	ND	ND	ND	ND	ND			ND	ND				
19	Methylene Chloride	ppb	ND	ND	ND	ND	ND	ND								
20	Styrene	ppb	ND	ND	ND	ND	ND	ND								
21	Tetrachloroethylene	ppb	ND	ND	ND	ND	ND	ND								
22	Toluene	ppb	ND	ND	ND	ND	ND	ND								
23	trans-1,2-Dichloroethylene	ppb	ND	ND	ND	ND	ND	ND								
24	Trichloroethylene	ppb	ND	ND	ND	ND	ND	ND								
25	Trichlorofluoromethane	ppb	ND	ND	ND	ND	ND	ND								
26	Vinyl Chloride	ppb	ND	ND	ND	ND	ND	ND								
27	Xylenes	ppb	ND	ND	ND	ND	ND	ND								
Inorganic Chemicals																
28	Antimony	ppb	ND	ND	ND	ND	ND	ND								
29	Arsenic	ppb	ND	ND	ND	ND	ND	ND								
30	Barium	ppb	ND	ND	ND	ND	ND	ND								
31	Beryllium	ppb	ND	ND	ND	ND	ND	ND								
32	Cadmium	ppb	ND	ND	ND	ND	ND	ND								
33	Chromium, Hexavalent	ppb	ND	ND	0.1	0.1	0.1 - 0.2	0.1	ND	ND	ND - 0.6	0.1				
34	Chromium, Total	ppb	ND	ND	ND	ND	ND	ND								
35	Fluoride	ppm	0.7	0.7	0.1 - 0.8	0.6	0.5 - 0.8	0.7			0.6 - 0.8	0.7	0.6 - 0.8	0.7	0.5 - 0.8	0.7
36	Lead	ppb	ND	ND	ND	ND	ND	ND	ND	ND						
37	Mercury	ppb	ND	ND	ND	ND	ND	ND								
38	Nickel	ppb	ND	ND	ND	ND	ND	ND								
39	Nitrate as N	ppm	ND	ND	0.4	0.4	ND	ND			ND	ND	ND	ND	ND	ND
40	Nitrite as N	ppm	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND - 0.5	ND	ND	ND
41	Perchlorate	ppb	ND	ND	ND	ND	ND	ND								
42	Selenium	ppb	ND	ND	ND	ND	ND	ND								
43	Thallium	ppb	ND	ND	ND	ND	ND	ND								
Secondary Maximum Contaminant Levels																
44	Aluminum	ppb	59	59	ND	ND	ND	ND	56	56	ND	ND				
45	Chloride	ppm	<3 - 3.3	<3	<3 - 16	9.6	4 - 19	18	3.6 - 19	7.5	3.5 - 17	8.9				
46	Color	Units	<5	<5	<5	<5	<5	<5	5	5	<5	<5				

2024 San Francisco Public Utilities Commission (SFPUC) - Water Quality Monitoring Data for Treated Water

No.	PARAMETERS ⁽¹⁾	Unit	Alameda East		SVWTP Effluent		HTWTP Effluent		CS2 Baden ⁽²⁾		Sunset Reservoir Outlets ⁽³⁾		Distribution System ⁽⁴⁾		Transmission System ^{(5), (7)}	
			Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average
47	Copper	ppb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
48	Iron	ppb	41	41	<6	<6	<6 - 23	<6	38	38	7.7 - 70	26				
49	Manganese	ppb	3	3	<2 - 4.5	2	<2 - 4.7	<2	2.8	2.8	<2 - 5.2	<2				
50	Methylene Blue Active Substance (Foaming Agent)	ppm	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
51	Odor-Threshold	Units	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
52	Silver	ppb	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
53	Specific Conductance	µS/cm	30 - 40	33	292 - 346	318	209 - 247	229	48 - 288	113	68 - 290	127				
54	Sulfate	ppm	1	1	41	41	13	13	1.3	1.3	3.3 - 17	7.9				
55	Thiobencarb	ppb									ND	ND				
56	Total Dissolved Solids	ppm	24	24	169	169	113	113	<20	<20	26 - 128	63				
57	Turbidity	NTU	0.2 - 0.5	0.3	<0.1 - 0.3	0.1	<0.1 - 0.3	0.1	<0.1 - 0.4	0.2	0.1 - 0.9	0.3				
58	Zinc	ppb	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Water Quality Parameters																
59	Alkalinity as CaCO ₃ , Total	ppm	7.4 - 11	8.7	63 - 120	103	12 - 78	67	12 - 88	33	18 - 67	37	9.4 - 108	35	11 - 118	43
60	Bromide	ppb	<10	<10	<10	<10	23 - 29	26								
61	Calcium as Ca	ppm	3.2	3.2	28	28	15	15	3.4	3.4						
62	Hardness as CaCO ₃ , Total	ppm	7.6 - 9.5	8.3	96 - 117	106	54 - 70	63	8.5 - 91	30	16 - 66	33				
63	Magnesium	ppm	0.2	0.2	9.5	9.5	7.4	7.4	0.4	0.4						
64	pH	-	6.9 - 9.3	8.4	7.7 - 9.1	8.6	8.8 - 9.5	9.2	8.8 - 9.8	9.4	8.3 - 9.5	9.1	7.1 - 9.7	9.2	7 - 10	9.2
65	Phosphate, Ortho	ppm	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3			<0.3	<0.3				
66	Potassium	ppm	0.3	0.3	1.6	1.6	1	1								
67	Silica	ppm	4.9	4.9	9.9	9.9	7.8	7.8								
68	Sodium	ppm	3.1	3.1	24	24	21	21	5.6	5.6						
69	Temperature	°F	43 - 60	55	46 - 68	57	48 - 71	62	45 - 63	56	53 - 62	57				
70	Total Organic Carbon	ppm	1.1 - 1.7	1.4	2 - 3	2.4	2.3 - 2.9	2.5								
71	UV254	Abs/cm			0.03 - 0.07	0.04	0.03 - 0.05	0.04								
Disinfectant Residuals, Disinfection Byproducts																
72	Bromate	ppb			ND	ND	ND - 5.9	3.4								
73	Chlorine Residual, Total	ppm			1.4 - 3.8	3.3	2.8 - 3.7	3.4	2.9 - 3.5	3.2	1.2 - 3.1	2.6	<0.1 - 3.5	2.5	2.0 - 3.7	3.2
74	Chlorite	ppb					ND	ND								
75	Five Haloacetic Acids	ppb	26 - 37	31	7 - 15	11	ND - 38	6	ND - 37	23			8.6 - 42	30	ND - 48	22
76	Total Trihalomethanes	ppb	33 - 61	44	20 - 38	26	13 - 54	22	12 - 69	41			16 - 54	36	11 - 63	38
Microorganisms																
77	<i>Cryptosporidium</i> , Total ⁽⁶⁾	#/L	0 - 0.02	0.003	0	0	0	0					0 - 0.01	0.002		
78	<i>Escherichia coli</i>	P/A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
79	<i>Giardia</i> , Total ⁽⁶⁾	#/L	0 - 0.06	0.02	0	0	0	0					0 - 0.06	0.007		
80	Heterotrophic Plate Count, PCA media	CFU/mL	<1	<1									<1 - 1	<1		
81	Total Coliform	P/A	1P - 271A	A	A	A	A	A	1P - 106A	A	A	A	5P - 4017A	A	3P - 1158A	A
Algae, Algal Toxins, Taste and Odor Related Contaminants																
82	2,4,6-Trichloroanisole	ppt			<3	<3	<3	<3								
83	Algal Toxins - Anatoxin-a	ppb					<0.01	<0.01								
84	Algal Toxins - Cylindrospermopsin	ppb					<0.03	<0.03								
85	Algal Toxins - Saxitoxin	ppb					<0.0222	<0.0222								
86	Algal Toxins - Total Microcystins	ppb			<0.3	<0.3	<0.3	<0.3								
87	Geosmin	ppt			<3 - 5.8	<3	<3	<3								
88	Methylisoborneol (MIB)	ppt			<3	<3	<3	<3								
Other Constituents																
89	Ammonia as N, Free	ppm			<0.006 - 0.06	0.006	<0.006 - 0.09	<0.006	<0.006 - 0.06	<0.006			<0.006 - 0.43	0.05	<0.006 - 0.24	0.007

2024 San Francisco Public Utilities Commission (SFPUC) - Water Quality Monitoring Data for Treated Water

No.	PARAMETERS ⁽¹⁾	Unit	Alameda East		SVWTP Effluent		HTWTP Effluent		CS2 Baden ⁽²⁾		Sunset Reservoir Outlets ⁽³⁾		Distribution System ⁽⁴⁾		Transmission System ^{(5), (7)}	
			Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average
90	Ammonia as N, Total	ppm	<0.03	<0.03	<0.03 - 0.1	0.05	<0.03 - 0.1	0.05	0.06	0.06			0.06 - 0.29	0.16	<0.03 - 0.12	0.05
91	Boron	ppb	23	23	65	65	35	35								
92	Chlorate, ClO ₃ ⁻	ppb	24	24	45 - 597	244	54 - 259	165	64	64						
93	Dissolved Organic Carbon	ppm	1.1 - 1.7	1.4												
94	Lithium	ppb	<2	<2	4	4	<2	<2	<2	<2	<9	<9				
UCMR5 PFAS																
95	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ppt									<5	<5				
96	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ppt									<5	<5				
97	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ppt									<3	<3				
98	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ppt									<5	<5				
99	4,8-Dioxa-3H-perfluorononanoic acid	ppt									<3	<3				
100	9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid	ppt									<2	<2				
101	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ppt									<5	<5				
102	N-ethyl perfluorooctanesulfonamidoacetic acid	ppt									<5	<5				
103	N-methyl perfluorooctanesulfonamidoacetic acid	ppt									<6	<6				
104	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ppt									<20	<20				
105	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ppt									<3	<3				
106	Perfluoro-3-methoxypropanoic acid (PFMPA)	ppt									<4	<4				
107	Perfluoro-4-methoxybutanoic acid (PFMBA)	ppt									<3	<3				
108	Perfluorobutanesulfonic acid (PFBS)	ppt									<3	<3				
109	Perfluorobutanoic acid (PFBA)	ppt									<5	<5				
110	Perfluorodecanoic acid (PFDA)	ppt									<3	<3				
111	Perfluorododecanoic acid (PFDoA)	ppt									<3	<3				
112	Perfluoroheptanesulfonic acid (PFHpS)	ppt									<3	<3				
113	Perfluoroheptanoic acid (PFHpA)	ppt									<3	<3				
114	Perfluorohexanesulfonic acid (PFHxS)	ppt									<3	<3				
115	Perfluorohexanoic acid (PFHxA)	ppt									<3	<3				
116	Perfluorononanoic acid (PFNA)	ppt									<4	<4				
117	Perfluorooctanesulfonic acid (PFOS)	ppt									<4	<4				
118	Perfluorooctanoic acid (PFOA)	ppt									<4	<4				
119	Perfluoropentanesulfonic acid (PFPeS)	ppt									<4	<4				
120	Perfluoropentanoic acid (PFPeA)	ppt									<3	<3				
121	Perfluorotetradecanoic acid (PFTA)	ppt									<8	<8				
122	Perfluorotridecanoic acid (PFTTrDA)	ppt									<7	<7				
123	Perfluoroundecanoic acid (PFUnA)	ppt									<2	<2				

- Notes:
- 1) Monitoring results reporting no detections in the above table are shown as ND, if State's regulatory Detection Limits for Purposes of Reporting exist. Otherwise, the non-detects are shown as less than ("<") the corresponding laboratory reporting limits.
 - 2) CS2 at Baden is a representative point-of-entry (POE) to the San Francisco Water System, which supplies drinking water to the City of San Francisco.
 - 3) Compliance monitoring locations for treated water associated with San Francisco local wells are at Sunset Reservoir Outlets (SSO).
 - 4) Distribution system refers to the complex network of water pipelines, appurtenances, and storage facilities within the City of San Francisco. For the purpose of this table, POEs to the system are not included.
 - 5) Transmission system refers to the SFPUC's extensive network of water delivery pipelines, appurtenances, and storage facilities located in the Bay Area but outside of the City of San Francisco; it also includes the GSR well system's compliance points but exclude the POEs.
 - 6) Monitoring results of *Cryptosporidium* -total and *Giardia* -total reported for Alameda East in the above table were from the upstream location at Tesla Portal.
 - 7) In 2024, none of the GSR wells produced drinking water to the transmission system. Thus, no monitoring of the treated groundwater at the compliance monitoring locations was performed.

Keys:

" < "

= Less than the reporting limit

µS/cm

= MicroSiemens/Centimeter

Abs/cm

= Absorbance per centimeter

P/A

= Presence/Absence

ppb

= part per billion

ppm

= part per million

2024 San Francisco Public Utilities Commission (SFPUC) - Water Quality Monitoring Data for Treated Water

No.	PARAMETERS ⁽¹⁾	Unit	Alameda East		SVWTP Effluent		HTWTP Effluent		CS2 Baden ⁽²⁾		Sunset Reservoir Outlets ⁽³⁾		Distribution System ⁽⁴⁾		Transmission System ^{(5), (7)}	
			Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average		
GSR	= Regional Groundwater Storage and Recovery Project, which is designed to supply groundwater to the system in the northern San Mateo County during dry years.				ppt	= part per trillion				CS2	= Crystal Springs Pipeline #2					
*F	= Fahrenheit				HTWTP	= Harry Tracy Water Treatment Plant										
ND	= Non-Detected				SVWTP	= Sunol Valley Water Treatment Plant										
NTU	= Nephelometric Turbidity Unit				CFU/mL	= Colony-forming units per milliliter										

Cell Color Legends:

	Contaminant in pink highlight has no drinking water standard in Maximum Contaminant Level (MCL)
	Contaminant in blue highlight (except pH) has MCL and includes compliance and operational monitoring results
	Contaminant in yellow highlight has regulatory Action Level; the data in the table do not include those tap sample results at select customer premises
	Un-highlighted contaminant has an MCL