Items in bold and gray are US EPA drinking water regulated contaminants.
Refer to 40 CFR 141
nd = non-detect
na = not applicable - testing for these substances is only done when other criteria is met

				Turquo	
		MCL	normal detection limit	lower N aquifer	middle N aquifer
1	**alachlor**	2	0.2	nd	nd
2	aldicarb	3	5	nd	nd
3	aldicarb sulfone	2	8	nd	nd
4	aldicarb sulfoxide	4	5	nd	nd
5	**antimony**	6	2.5	nd	nd
6	**arsenic**	10	1	4.6	4.8
7	**asbestos**	7	4.8	nd	nd
8	**atrazine**	3	0.1	nd	nd
9	**barium**	2000	10	80	100
10	**benzene**	5	0.5	nd	nd
11	**benzo(a)pyrene**	0.2	0.03	nd	nd
12	**beryllium**	4	2	nd	nd
13	bromate	10			
14	**cadmium**	5	0.1	nd	nd
15	**carbofuran**	40	9	nd	nd
16	**carbon tetrachloride**	5	0.5	nd	nd
17	**chlordane**	2	0.2	nd	nd
18	chlorite	1000			
19	**chromium (total)**	100	5	6	10
20	**cyanide**	200	10	nd	nd
21	**dalapon**	200	10	nd	nd
22	**dibromochloropropane**	0.2	0.02	nd	nd
23	**o-dichlorobenzene**	600	0.5	nd	nd
24	**para-dichlorobenzene**	75	0.5	nd	nd

›ise Trail Well #2			Turquoise Trail Well #3				
upper N aquifer	D aquifer	Final Composite Sample of N aquifer from Completed Well	lower N aquifer	middle N aquifer	upper N aquifer	Final Composite Sample of N aquifer from Completed Well	all units are microgram per liter unless otherwise stated
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	0.6		nd	nd	nd		
4.1	2.8		4.5	**18.3**	**11.1**		
nd	nd		nd	nd	nd		M fibers/L
nd	nd		nd	nd	nd		
70	230		30	800	200		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	5	2		
nd	nd		nd	1	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
6	7		5	56	28		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		

25	dichloroethane 1,2-	5	0.5	nd	nd
26	dichloroethylene 1,1-	7	0.5	nd	nd
27	dichloroethylene cis-1,2-	70	0.5	nd	nd
28	dichloroethylene trans-1,2-	100	0.5	nd	nd
29	dichlorophenoxy 2,4-acetic acid (2,4-D)	70	1	nd	nd
30	dichloropropane 1,2-	5	0.5	nd	nd
31	di(2-ethylhexyl)adipate	400	0.9	3.4	1.2
32	di(2-ethylhexyl)phthalate	6	0.9	5.6	1
33	dinoseb	7	1	nd	nd
34	dioxin	0.00003	0.0000052	nd	nd
35	diquat	20	0.4	nd	nd
36	endothall	100	9	nd	nd
37	endrin	2	0.01	nd	nd
38	ethylbenzene	700	0.5	nd	nd
39	dibromoethane 1,2- (ethylene dibromide)	0.05	0.01	nd	nd
40	fluoride	2000	100	180	180
41	glyphosate	700	60	nd	nd
42	gross alpha	15		4	3.7
43	gross beta	4		na	na
44	haloacetic acids (HAA5)	60			
45	heptachlor	0.4	0.06	nd	nd
46	heptachlor epoxide	0.2	0.03	nd	nd
47	hexachlorobenzene	1	0.1	nd	nd
48	hexachlorocyclopentadiene	50	0.1	nd	nd
49	lindane	0.2	0.03	nd	nd
50	mercury	2	0.2	nd	nd
51	methoxyclor	40	0.1	nd	nd
52	methylene chloride (dichloromethane)	5	0.5	nd	nd
53	monochlorobenzene	100	0.5	nd	nd
54	nitrate (as nitrogen)	10000	200	960	1300
55	nitrite (as nitrogen)	1000	100	nd	nd
56	total nitrate and nitrite (as nitrogen)	10000	200	960	1300
57	oxamyl (vydate)	200	20	nd	nd
58	pentachlorophenol	1	0.4	nd	nd
59	picloram	500	1	nd	nd
60	polychlorinated biphenyls (PCBs)	0.5		nd	nd
61	radium 226 and 228 (combined)	5		nd	1.8

nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
1.3	52		nd	nd	nd		
2.7	**16**		**22**	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
160	**5300**		200	230	230		
nd	nd		nd	nd	nd		
4.3	13.3		1.8	**24**	**15.6**		pCi/l
na	na		na				millirems
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd			nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
1520	210		880	940	1190		
nd	nd		nd	nd	nd		
nd	210		880	940	1190		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd			nd	nd		
1.8	9.8		3.1	**6.7**	2.8		pCi/l

62	**selenium**	50	2	nd	nd
63	**simazine**	4	0.1	nd	nd
64	strontium-90	8			
65	**styrene**	100	0.5	nd	nd
66	**tetrachloroethylene (tetrachloroethene)**	5	0.5	nd	nd
67	**thallium**	2	0.5	nd	nd
68	**toluene**	1000	0.5	nd	nd
69	total trihalomethanes (TTHMs)	80			
70	**toxaphene**	3	1	nd	nd
71	**trichlorobenzene 1,2,4-**	70	0.5	nd	nd
72	**trichloroethane 1,1,1-**	200	0.5	nd	nd
73	**trichloroethane 1,1,2-**	5	0.5	nd	nd
74	**trichloroethylene (trichloroethene)**	5	0.5	nd	nd
75	**(trichlorophenoxy 2,4,5-) propionic acid (2,4,5-TP)**	50	1	nd	nd
76	tritium	20,000			
77	**uranium**	30		na	na
78	**vinyl chloride**	2	0.5	nd	nd
79	**xylenes (total)**	10000	0.5	nd	nd
80	aluminum	50-200	2000	7300	7350
81	copper	1000	10	nd	20
82	corrosivity	non-corrosive			
83	foaming agents	500			
84	iron	300	500	3020	5170
85	manganese	50	20	80	200
86	odor	3	1	nd	nd
87	silver	100	0.1	nd	nd
88	zinc	5000	20	20	40
89	TDS	500	1	264	431
90	chlorides	250	5	8.8	nd
91	sulfates	250	5	9.5	7.9
92	pH	6.5-8.5		9.1	9.2
93	color	15	1	30	100
94	TOC		1	nd	nd
95	DOC				
96	UV254				
97	TTHM/HAA5 formation potential				
98	**cryptosporidium**			na	na

nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
							pCi/l
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
							pCi/l
na	na		na				
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	11300		2570	37600	21800		
40	10		10	210	60		
nd	13500		2720	60700	21800		
nd	400		90	1920	540		
nd	nd		nd	nd	nd		threshold odor number
nd	nd		0.1	2.1	nd		
70	50		30	260	100		
315	1390		255	1580	1030		mg/l
nd	173		11	21.7	9.2		mg/l
7.4	280		10.4	21	18.4		mg/l
9.1	9.2		9.1	9.4	9.5		
35	150		30	600	200		color units
nd	23.7		nd	1	1.29		mg/l
							mg/l
na	na		na	na	na		oocysts/l

99	fecal coliforms				
100	E-coli				
101	**total coliforms**			negative	positive
102	DO	>4			
103	**lead**	15	1	2.4	8
104	**acrylamide**	0		na	na
105	**epichlorohydrin**	0		na	na
106	nickel		20	nd	nd
107	Hardness as CaCO3		25	21	65
108	Alkalinity as CaCO3		10	165	186
109	Calcium		1	8	26
110	magnesium		1	1	4
111	CO3 Alkalinity				
112	HCO3 Alkalinity				
113	OH Alkalinity				
114	Sodium		10	85	94
115	Aldrin		0.1	nd	nd
116	Dieldrin		0.1	nd	nd
117	Aroclor			nd	nd
118	3,5-Dichlorobenzoic acid				
119	Acifluorfen				
120	Bentazon				
121	Dicamba		1	nd	nd
122	Dichlorprop				
123	2,4-Dinitrotoluene				
124	Acenaphthylene				
125	Alpha-Chlordane				
126	Anthracene				
127	Benz(a)Anthracene				
128	Benzo(b)Fluoranthene				
129	Benzo(g,h,i)Perylene				
130	Benzo(k)Fluoranthene				
131	Bromacil				
132	Butachlor		0.1	nd	nd
133	Butylbenzylphthalate				
134	Caffeine				

negative	negative		negative	positive	positive		
							mg/l
5	6.3		3	76.6	21.6		
na	na		na	na	na		
na	na		na	na	na		
nd	nd		nd	60	20		
111	71		24	832	218		mg/l
190	680		175	311	252		mg/l
43	20		10		67		mg/L
1	5		2	35	12		mg/l
307	527		92	136	130		mg/l
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		

135	Chrysene				
136	Di-n-Butylphthalate				
137	Diazinon				
138	Dibenz(a,h)Anthracene				
139	Diethylphthalate				
140	Dimethoate				
141	Dimethylphthalate				
142	Fluoranthene				
143	Fluorene				
144	gamma-Chlordane				
145	Indeno(1,2,3,c,d)Pyrene				
146	Isophorone				
147	Metolachlor		0.1	nd	nd
148	Metribuzin		0.1	nd	nd
149	Molinate				
150	Phenanthrene				
151	Propachlor		0.1	nd	nd
152	Pyrene				
153	Thiobencarb				
154	trans-Nonachlor				
155	Trifluralin				
156	3-Hydroxycarbofuran		5	nd	nd
157	Baygon				
158	Carbaryl		5	nd	nd
159	Methiocarb				
160	Methomyl		5	nd	nd
161	Paraquat				

TTHM/HAA5 formation potential

162	Bromochloroacetic acid				
162	Bromodichloromethane				
162	Chloroform				
162	D/DBP Haloacetic Acids (HAA5)				
162	Dibromochloromethane				
162	Dichloroacetic acid				
162	Total Trihalomethanes				
162	Trichloroacetic acid				

nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		
nd	nd		nd	nd	nd		